Final Programme

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Be a part of something extraordinary.

5–8 September 2019 Moscone Convention Center

- 3 DAYS OF EXHIBITION
- MORE THAN 1300 STANDS
- 40,000 M² OF EXHIBITION SPACE
- 4 DAYS OF SCIENTIFIC PROGRAMME
- 200+ WORLDWIDE SPEAKERS
- MORE THAN 30,000 PARTICIPANTS

Abstract submission deadline
1 April 2019

Early-bird registration deadline
30 April 2019

www.world-dental-congress.org
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Welcome to the World Dental Congress 2018, Buenos Aires, Argentina. This conference is a significant event for dental professionals and experts, offering a comprehensive scientific programme, networking opportunities, and a platform for the exchange of knowledge and ideas. The programme includes sessions on scientific research, industry contributions, and social events to enhance the overall experience. Attendees can explore diverse topics ranging from clinical practices to technological advancements, all aimed at promoting oral health and dental care. The venue, Moscone Convention Center, provides an ideal setting for this gathering, with ample exhibition space and facilities for delegates. For more information, visit the official website at www.world-dental-congress.org.
It is an honor for me and for all the Organizing Committee that I represent, welcome you to the 106th FDI WORLD DENTAL CONGRESS, that we will have the great fortune to enjoy in our beloved city of Buenos Aires, cosmopolitan capital of the Argentine Republic.

After 30 years, our country will once again host an event of such a hierarchy, which fills us with pride and forces us to redouble the commitment that it cherishes the success that we dream of from the first moment.

CORA, as the mother institution of Odontology in Argentina and a regional reference, achieves the concretion of this event in its history.

Our country and its welcoming community, always willing and friendly, is a huge amalgam of traditions and cultures, arising from the integration of the thousands of immigrants who, from the very beginnings of our Homeland, forged a particular identity and that distinguishes us worldwide, being our most important feature the ability to establish friendships and the need to share moments with the people we appreciate.

We take for granted the success of this new WDC, the excellent and careful selection of speakers, the important commercial exhibition with the enormous diversity of cutting-edge technology and the historic, traditional and beauty of La RURAL, an iconic place of social events of Buenos Aires, chosen as a meeting place for all of us, to ensure four days of integration between us the hosts and all of you, our dear visitors.

I wait for you to share all this and much more.

Dr. Guillermo Rivero
CORA President
FDI World Dental Congress 2018 President
Welcome to the 2018 FDI World Dental Congress (WDC), held this year in beautiful Buenos Aires, Argentina. We are honoured to be hosted by our friends and colleagues from the Argentinian Dental Association (Confederación Odontológica de la República Argentina). This is the second time we have held the Congress in the Argentinian capital – 30 years since our last visit – and we look forward to another successful and enriching event.

The WDC offers a unique opportunity to meet with leaders, colleagues, and peers from around the world to debate and exchange on the future of oral health. ‘A passion for many, a commitment for all’ is the driving theme of this year’s WDC. We are thrilled to hear from a remarkable set of nearly 100 international and national experts who will share their knowledge on a wide range of topics. Consult this scientific programme to learn more about events like the World Oral Health Forum (WOHF), which ignites the conversation on hot topics related to oral health and dentistry. This year’s WOHF will discuss oral health and healthy ageing, highlighting the efforts made to improve oral care for elderly patients by developing useful, tailored resources for oral health professionals and the wider health community.

In line with FDI’s advocacy work to integrate oral health into the overall health agenda, we have organized a session with the World Health Organization and the NCD Alliance to tackle the alarming escalation of global sugar consumption. A panel of health experts, including high-level health advocates and civil society activists, will offer strategies to combat this global health threat through cost-effective and preventive interventions. I encourage you to carefully review this complete scientific programme and plan your itinerary in line with your interests and continuing dental education goals.

I also invite you to visit the four-day dental industry exhibition, which will present the latest in oral health technology and practices.

The dental profession and the dental industry are essential partners in delivering oral health to populations around the world. Bridging the gap between the two is even more important today, as new materials and technologies are developed to accommodate the latest treatment philosophies.

The Congress gathers our membership together in one place. I encourage all our members to take full advantage of this opportunity to attend the World Dental Parliament, including the two formal General Assembly sessions and the three informal sessions of the Open Forum. Together, we will review the successes of the last 12 months, focus on future strategies, decide on future Council and Committee membership, and adopt policy statements on pertinent issues within the oral health field.

Let’s remember that the Congress offers unmatched moments to consolidate long-term ties and friendships with like-minded colleagues from around the world – and celebrate being part of FDI’s rich worldwide network of dentistry and oral health. I hope that you will also find some time to visit Buenos Aires, a city filled with opportunities for exploration and discovery, well-known for its eclectic amalgam of cultures and traditions.

I wish you an excellent Congress experience! From all of us at FDI, thank you for joining us.

Dr. Kathryn Kell
FDI President
President
Dr. Kathryn Kell
United States of America

President Elect
Gerhard Seeberger
Italy

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Canada

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Tina Hong Kaiser

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Gilberto Lontro

Communications and Advocacy Manager
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Céline Ormancay

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Cindy Romand

Education and Public Health Coordinator
Sean Taylor
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Dr. Daniel Contino

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Dr. Federico Braun

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Dr. Ivana Colliva

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CONFERENCIA ODONTOLOGICA DE LA REPUBLICA ARGENTINA

Buenos Aires, Argentina
5-8 September 2018
Opening Ceremony

05.09.2018 Wednesday 18:30 – 20:00
Red Pavilion (General Assembly Hall)

Schedule of Opening Ceremony

18:30  Welcome Notes
19:00  Flag Ceremony
19:20  Local Cultural Shows

Tango Show

Gaucho Show
FDI World Dental Federation

is the global voice of the dental profession and works with its member organizations to improve the oral health of people worldwide.

MEMBERSHIP
Representing more than one million dentists worldwide, with a membership of close to 200 National Dental Associations and specialist groups in over 130 countries.

ADVOCACY
Leading global advocacy efforts to increase oral health literacy and achieve political commitment and action on oral health in all countries.

KNOWLEDGE TRANSFER
Fostering best practices in oral health science and education, and sharing knowledge in preventive care and treatment to advance the art, science and practice of dentistry.

www.fdiworlddental.org
FDI World Dental Federation (FDI) is an international not-for-profit, membership-based organization that serves as the principal representative body for more than one million dentists worldwide. Its membership comprises of close to 200 National Dental Associations (NDAs) and specialist groups in 130 countries. Founded in 1900, FDI is a pioneer in the field of modern dentistry.

FDI has a bold vision: to lead the world to optimal oral health. Speaking as the unified voice of dentistry, we collaborate closely with our members, oral health experts, allied health professionals, and industry partners alike to achieve this vision together. As the leading global advocate for oral health, we implement international advocacy campaigns to promote oral health worldwide. As a convener of the oral health community, FDI fosters exchange and develops a common vision to advance the science and practice of dentistry. FDI delivers innovative congresses, campaigns, and projects to boost the field of dentistry, address the global oral disease burden and improve oral health.

FDI is governed by a General Assembly. The elected Council initiates, conducts, delegates, monitors and coordinates all FDI business. Five Standing Committees, comprised of 36 volunteers from member NDAs, help to implement FDI activities. Each year, nearly 300 members attend FDI’s World Dental Parliament to debate and define the global future of dentistry. FDI headquarters is based in Geneva, Switzerland.

Putting our mission into practice

Mission: FDI is the global voice of the dental profession and works with its member organizations to improve the oral health of people worldwide.

It fulfils its mission by focusing on three strategic areas:

Membership
As an organization created by the members for the members, a key priority is to strengthen FDI as a whole by developing programmes and activities to further meet the needs of our members, which may vary according to geographical region. By consulting with them and learning from their knowledge and expertise at a national level, FDI can strengthen the impact of its work at a global level.

Advocacy
FDI is the voice of the oral health community at the global level. As such, it has a responsibility to ensure the interests of member associations and the dental profession at large are represented when policies are formed at the global level as they will be the ones impacted when implementing them at a national level. FDI advocacy efforts focus on ensuring that good oral health is recognized as being key to overall health and well-being, and pushes for its integration into policies addressing other noncommunicable diseases, especially in the context of FDI’s definition of oral health*.

Knowledge transfer
By sharing best practices, exchanging knowledge and experience, FDI can help advance the art, science and practice of dentistry. A stronger, more effective FDI will only be possible with informed leaders at all levels, whether it is young professionals in training or confirmed professionals seeking continuing education. FDI works to perpetually improve the World Dental Congress, continuing education activities as well as other projects and programmes to ensure that its stakeholders can benefit from the extensive knowledge, know-how and expertise of FDI and its members.
About FDI

Goals
For each strategic focus, there are specific goals aimed at delivering the one overarching organizational goal: lead the global fight to improve the oral health of populations to secure the general health and well-being of all at all ages.

Lead the global fight to improve the oral health of populations to secure the general health and well-being of all at all ages

Membership

Goal: Develop programmes and activities to meet the needs of our members and help raise the profile of oral health at a national level.

Advocacy

Goal: Lead global advocacy efforts to increase oral health literacy and achieve political commitment and action on oral health in all countries.

Knowledge transfer

Goal: Foster best practices in oral health science and education, and share knowledge in preventive care and treatment to advance the art, science and practice of dentistry.

Visit the FDI Pavilion
To learn more about FDI as well as its goals, programmes and activities, come and visit us at the FDI Pavilion located in the Exhibition Hall or visit us online: www.fdiworlddental.org

Stay connected

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FDIWorldDentalFederation
fdiworlddentalfederation
FDI WORLD DENTAL FEDERATION
Avenue Louis Casai 51
1216 Geneva-Cointrin, Switzerland

Tel: +41 22 560 8150
Website: www.fdiworlddental.org
E-mail: info@fdiworlddental.org

CORÁ – ARGENTINEAN DENTAL CONFEDERATION
Av. San Juan 3062, C1233ABS, Buenos Aires, Argentina

Tel: +54 11 4308 5083
Website: www.cora.org.ar
E-mail: congreso@cora.org.ar

ORGANIZING OFFICE
evronas events
Halaskargazi Cad. Poyraz Sok. No:15 /2
Sisli 34373, İstanbul, Turkey

Tel: +90 212 296 0460
Website: www.evronas.com
E-mail: info@evronas.com

VENUE
La Rural, Predio Ferial De Buenos Aires
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FDI 2018
Scientific Programme
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<td>New Materials, New Challenges in Restorative Dentistry Mutlu Oczen</td>
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<td>Are All Fluoride Dentifrices the Same? Jame A. Cury</td>
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<td>Modification of Restorative Material paciente bahia Jose Ramon Velez</td>
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<td>09:00-11:00</td>
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<td>Implant In The Aesthetic Area Adrián Esteban Loyes</td>
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<td>Composite Rest Veneers, State of The Art Jenier Quirón</td>
<td>Mirmally invasive periodontal surgery. What the periodontist would like the general practitioner to know: Jorn Luchsen Healthy Implants - The importance of maintenance and good plaque control</td>
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<td>Behind the Aesthetic Excellence in Implant Supported Prostheses Carlos Manuel Berli</td>
<td>Michael A. Cordero Basal metabolism diagnostics in biological fluids. Can pregnancy adverse effects be caused by toxic metals and periodontists? Magalhães Willcox Challenges and Myths in Dental Surgery - An Update on Antisequeulants</td>
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<td>11:00-11:30</td>
<td>Lunch Break</td>
<td>Novero Lorenzo</td>
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<td>11.30-12:30</td>
<td>The Extraordinary Impact of Merging CAD/CAM Technology and The CBCT in Implant Surgery Jorge Galante</td>
<td>Meeting The Expert Sessions (12:00-14:30)</td>
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<td>At You Want to Know About Bruxism Daniel Passani</td>
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<td>Moderator</td>
<td>Prominent Dental Surgeons</td>
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<td>12:30-14:30</td>
<td>Lunch Break</td>
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<td>14:30-15:30</td>
<td>Criteria In The Selection Of Restorative Material For Indirect Partial Reconstructions In The Posterior Sector Sergio Pignata Volpe</td>
<td>Meeting The Expert Sessions (15:30-16:30)</td>
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<td>Dental Aesthetics, Where Are We Now? Enrique Jedad</td>
<td>Update on Cement</td>
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<td>Moderator</td>
<td>Marco Zeevo</td>
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<td>15:30-16:00</td>
<td>Lunch Break</td>
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<td>16:00-17:00</td>
<td>Teaching The Use Of Scientific Evidence In Dental Education Programs Ricardo Maschi</td>
<td>Meeting The Expert Sessions (17:00-18:00)</td>
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<td>Moderator</td>
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Morning Sessions (09:00 – 12:30)

Aesthetics Session
Paulo Kano (Brazil)
Jose Rafael Devecchi (Argentina)

Time: 09:00 – 11:00
Room: Cataratas Del Iguazu
Language: English / Translation: Spanish
Chair: Novero Lorenzo (Argentina)
CERP: 2

Aesthetic Rehabilitations with Clones
Paulo Kano (Brazil)

Learning Objectives
Optimize aesthetics and function with rehabilitations using natural morphologies

Abstract
Clones is a concept that revolutionizes the way to make dental restorations, achieving excellence in function, physiology and aesthetics. It proposes to mimic the morphology of natural teeth, and can be used in several indications of oral rehabilitations. The use of digital mechanisms makes possible the micrometric milling, superior to what could be achieved by the human abilities, which allows the precise fit of the ceramic pieces, resulting in a perfect cementation. It results in a personalized aesthetic, according to the patient’s choices.

Optical Anatomy. Protocol For The Use of Digital Images to Achieve Natural Restorations
Jose Rafael Devecchi (Argentina)

Learning Objectives
- Get standardized, high-quality information from digital photographic images
- Learn how to use images for case assessment, treatment planning, communication and marketing
- Establish a protocol for the use of digital photography as a tool for the analysis and interpretation of dental color and its subsequent reproduction in restorations

Abstract
The analysis of a photographic image correctly carried out following a certain order or protocol, allows a better compression of the anatomical characteristics of the pieces and their interaction with the light (optical anatomy) resulting in greater possibilities to achieve natural-looking dental restorations. The use of “evidence-based” digital photography would therefore result in a great tool for the interpretation of dental color, understanding of the behavior of dental structures, an effective and easy way of communicating with the laboratory and finally, an accurate medium for optimum reproduction of the same.
Orthodontics Session
Leslie Will (United States of America)
Papa Ibrahima Ngom (Senegal)

Time : 09:00 – 11:00
Room : Lago Nahuel Huapi
Language : English / Translation: Spanish
Chair : Jorge Trombetta (Argentina)
CERP : 2

Orthodontics and Airway - What’s The Connection?
Leslie Will (United States of America)

Learning Objectives
Attendees will be able to:

• Understand the relationship between airway anatomy and function
• Recognize signs and symptoms of airway problems in patients
• Understand how orthodontic treatment can modify the airway in children and adults

Abstract
The problems of sleep-disordered breathing and its consequences are well-recognized in adults, but it has recently become apparent that a significant percentage of children including very young children can be affected by an inadequate airway. This presentation will highlight the problems contributed to by airway problems, explain how we as dentists can determine which children may be affected, and how orthodontic treatment can improve the airway of our patients.

Orthodontic Management of “Missing” Teeth in Developing Countries
Papa Ibrahima Ngom (Senegal)

Learning Objectives
• Recognize the esthetic and functional consequences of “missing” teeth
• Know the orthodontist’s role in the interdisciplinary planning of the treatment
• Understand the indication for space closure and space opening in the management of congenitally missing incisors
• Know how to intrude overerupted maxillary molars using miniscrew anchorage
• Understand how to deal with associated teeth migration

Abstract
“Missing” is used here as a metaphor referring to any tooth absent from the dental arches at a time it was supposed to be visible. This may result from congenitally tooth agenesis, but also from impaction or routine tooth extraction. This non-conventional way of defining missing teeth justifies the use of Quote marks. However, it’s noteworthy that the consequences are almost the same when it comes to esthetic and function. This paper will explore all the clinical aspects of orthodontic management of “missing” teeth especially in the context of developing countries.
Endodontics Session
Fernando Goldberg (Argentina)
Osvaldo Zmener (Argentina)

Time: 09:00 – 11:00
Room: Valle De La Luna
Language: Spanish
Chair: Carlos Cantarini (Argentina)
CERP: 2

Endodontic Treatment and Retreatment: A Way to Maintain Periradicular Bone
Fernando Goldberg (Argentina)

Learning Objective
To point out the importance of the role of Endodontics in order to maintain or recover the periradicular bone.

Abstract
The objective of this presentation will be to show different endodontic clinical treatment and retreatment cases with long-term follow ups to highlight the role of Endodontics in maintaining or recovering an healthy perirradicular bone.

Endodontics: The Fantastic Trip From The Pathology to Treatment
Osvaldo Zmener (Argentina)

Learning Objectives
Although various types of immunocompetent cells have been historically described in human periapical granulomas, the literature concerning their spacial configuration and interaction is not extensive. Therefore, the learning objective of this presentation was to get a comprehensive knowledge on the behavior and role of these cells in the repair process of different clinical cases when proper endodontic therapy was done.

Abstract
In periapical granulomas cell-mediated and humoral immune reactions occur in response to bacterial toxins or dead cells that are present in infected root canals. They are composed by B and T lymphocytes, plasmocytes, macrophages, some PMN leucocytes, mastocytes and multinucleated giant cells. The behavior of these cells in apical granulomas is strongly influenced by various inflammatory mediators. During the presentation, we will do an interesting trip within a human apical granuloma to see “in toto” the granulomatous cell interactions and their relationship with the mechanisms of the tissue repair as normally occurred after endodontic treatment in different clinical situations.
Radiology Session
Ralf Schulze (Germany)
Marcel Noujeim (United States of America)

Time: 09:00 – 11:00
Room: Quebrada De Humahuaca
Language: English / Translation: Spanish
Chair: Natalia Vallejos (Argentina)
CERP: 2

Oral Radiology and Related Imaging in 2018: An Update
Ralf Schulze (Germany)

Learning Objectives
• Acquire knowledge on current (radiographic) imaging techniques and their clinical application
• Understand pros and cons of different imaging methods
• Basic understanding of radiation dose involved with the techniques
• Understanding of when to prefer 2D or 3D imaging techniques

Abstract
Digital technology provides the dentist with a variety of advanced radiographic and related imaging techniques. While 3D techniques such as CBCT have become a standard already, advanced programs implemented in novel panoramic machines enable e.g. retrospective layer adaptation or a tomosynthetic representation of the image. In addition, recent developments in MRI indicate that this non-ionizing radiation technique may play a much larger role in dental imaging in the future.

The lecture reviews the current status quo from a clinical perspective and describes typical and potential clinical applications as well as limitations of the techniques.

Oral and Maxillofacial Radiology as Center of Interdisciplinary Collaboration in Academic Practice
Marcel Noujeim (United States of America)

Learning Objectives
• Understanding the role of maxillofacial imaging in a day to day practice
• Importance of a full volume evaluation by a maxillofacial radiologist
• Importance of correlation between clinical and radiographic findings
• Understand how to deal with associated teeth migration

Abstract
Oral and maxillofacial radiology is gaining importance with time as an essential element in dental diagnosis and treatment planning. During our daily practice, we get to deal with cases were we have, to move the dental treatment to the back seat and explore the presence of, serious to life-threatening, diseases. This major role cannot be played without a thorough knowledge of CT anatomy of the entire image volume. In this presentation, we will go through a series of cases, where CBCT volumes were referred to our service for regular consults, and we detected findings that revealed extremely more serious conditions.
International Association of Paediatric Dentistry Symposium

Molar Incisor Hypomineralization and Dental Erosion in Children

Marcelo Bönecker (Brazil)

Time: 09:00 – 11:00
Room: El Parmar
Language: English / Translation: Spanish
Chair: Salomón A. Cohen
CERP: 2

Learning Objectives
- Clinical management of children with Molar Incisor Hypomineralization
- Clinical management of children with Dental Erosion
- Evidence based etiology, diagnosis, prevention and treatment of children with Molar Incisor Hypomineralization and Dental Erosion

Abstract
The purpose of this lecture is to discuss the evidence-based clinical management of children with Molar Incisor Hypomineralization and Dental Erosion, which are two dental problems that might affect both deciduous and permanent dentition. The prevalence of these dental problems are quite high nowadays and most of general dental practitioners and some pediatric dentists still have doubts in how to make the diagnosis, prevention and treatment of them.

Prosthodontics Session

Juan Jose Ibarra (Argentina)
Adrian Esteban Loys (Argentina)
Javier Quiros (Costa Rica)
Carlos Manuel Berli (Argentina)

Time: 09:00 – 11:00
Room: Glaciar Perito Moreno
Language: Spanish
Chair: Anegela Ruiz (Argentina)
CERP: 2

Oral Rehabilitation with Removable Partial Denture

Juan Jose Ibarra (Argentina)

Learning Objective
That the dentist can solve the clinical case of a patient with missing teeth, following clear and precise protocols to rehabilitate transiently or permanently with removable partial prosthesis.

Abstract
In the patient with loss of teeth we can rehabilitate with removable partial prosthesis in a transitory or definitive way, applying protocols and techniques appropriate to the clinical case. These treatments will have a high preventive component, so that the prosthesis does not cause damage and we can preserve the hard and soft tissues of the oral cavity.
Implant In The Aesthetic Area
Adrian Esteban Loys (Argentina)

Learning Objectives
• Detect when to place an immediate implant.
• Identify when we perform soft tissue grafts.
• Determine when to perform an immediate charge.

Abstract
How do we act in the previous sector, when we perform an implant treatment? Depending on the case, we must replace all the structures or maintain them and not harm the longevity of the treatment and aesthetics. I will be talking about how to act in different clinical cases; first, in patients with dental post extraction implants of different periodontal biotype; second, in patients with a long-standing edentulous zone. Taking into account both cases, can we perform an immediate charge?

Composite Resin Veneers, State of The Art
Javier Quiros (Costa Rica)

Learning Objectives
• Composite resin is an ideal restorative and esthetic material
• Learn the direct-indirect composite veneer technique
• Learn to layer, finish and polish composite resin
• Learn to solve full mouth cases with this technique

Abstract
Veneers in the dental practice started as an esthetic option, but thru the years conservative dentistry has pushed this technique to be also a restorative option. Veneers can be used in badly worn down teeth, teeth with occlusal problems where we need to restore function, anterior and canine guide, teeth with big restorations that with veneers can be used for many more years with out the need to crown them, the direct-indirect technique lets us use composite resin as a restorative material for big cases that otherwise can not be solved in a conservative way. Patients crave for easy inexpensive and beautiful dentistry that we as restorative dentists can provide changing their live one smile at a time.
Minimally invasive periodontal surgery. What the periodontist would like the general practitioner to know

Ionut Luchian (Romania)

Learning Objectives
The aim of this lecture is to educate the general dentists in the field of periodontal surgery. Several types of procedures will be detailed during the presentation to improve the surgical skills of the participants.

Abstract
The lecture will try to expose in a systematic manner the latest surgical protocols and techniques available in periodontology. During the presentation we will refer to the surgical management of the gingival overgrowths and aberrant frenulums. A special attention will be provided on contemporary regenerative procedures and modern surgical treatment of recessions. By the end of the lecture the attendees will be updated on the minimally invasive periodontal surgery protocols and they will be able to improve their clinical practice.

Healthy Implants– The importance of maintenance and good plaque control

Michaela von Geijer (Sweden)

Learning Objectives
To know the importance of plaque control and how it can affect the implants. What are the risk indicators for periodontitis in implant patients.

Abstract
The prevalence of peri-implant diseases seems to be growing. As there are no established and predictable concepts for the treatment of peri-implantitis, primary prevention is of key importance. Plaque accumulation at implants will result in the development of an inflammation at implants. A history of periodontal disease, smoking, excess cement, and lack of supportive therapy should be considered as risk indicators for the development of peri-implantitis.

Patients who are rehabilitated with dental implants need to be given proper oral hygiene instructions and the prosthetic constructions need to allow accessibility for oral hygiene around implants. Peri-implant maintenance is of uttermost importance for success.
Evolution in restorative dentistry
Manuel A. Cordero (United States)

Learning Objectives
• Understand the different materials used with mechanical techniques in restorative dentistry,
• Understand and differentiate the changes in techniques required by the different materials.
• Recognize some of the new principles behind the new Chemistry based techniques and materials.

Abstract
Since GV Black we have followed an ever-increasing protocol of retentive and resistant measure to help our limited materials do the impossible which is to replace enamel. From gold, amalgam, silicates, composites, glass ionomers and now bioactive/mimetic materials we need to learn the positive and negative all these products and processes have to teach us. My goal is to present an argument for what is to come and considering where we have been. Our scientific approach has led us to an interceptive technique which promises a new chemical frontier. Skills vs materials?

Toxic metals diagnostics in biological fluids. Can pregnancy adverse effects be caused by toxic metals and periodontitis?
Magdalena Wilczak (Poland)

Learning Objectives
After the lecture:
One should know what periodontitis is and how does it relate to pregnancy
One should know the difference between gingivitis and periodontitis
One should name the role and possible risk of toxic metals
One should know the diagnostics methods for toxic metals detection

Abstract
Toxic metals are nowadays a popular field for diagnostics due to the environment pollution. Toxic metals can be retrieved from samples such as saliva, blood and urine.
It is interesting to note that gingivitis is one of the classic clinical signs of chronic mercury exposure. Mercury can be released from amalgam fillings that many pregnant women in Eastern Europe still have at an alarming level. Throughout pregnancy over 40 % of women are prone to any periodontal disease. However, due to changes in hormonal level 50-70% of women develop gingivitis throughout pregnancy. Current ongoing research claims that periodontitis has a relationship with adverse pregnancy outcomes, namely low preterm birth. The aim of the study is find out if there is any correlation between the level of toxic metals in saliva in pregnant women during the three trimesters of pregnancy and if there is any correlation of levels of toxic metals and periodontitis. This is an ongoing study on which my PhD is based.
Challenges and Myths in Dental Surgery – An Update on Anticoagulants
Michael Ermer (Germany)

Learning Objectives
Attendees should
• gain a general overview of the described problems for dental procedures
• be able to perform a risk-assessment for individual patients
• know how to perform dental surgery to avoid adverse events
• be able to estimate treatment limitations and when to refer patients to a specialized center

Abstract
In today’s ageing societies, dentist commonly treat patients with chronic medical conditions requiring regular drug administration. When talking about dental surgical treatment, there is a long and vivid history of discussions, whether or not oral anticoagulation with coumarines needs to be withdrawn or substituted for low-molecular-weight-heparines (LMWH). During the last 10 years, direct oral anticoagulants have been introduced in addition to the pharmaceutical assortment.
The presentation will give an update on medication guidelines, state-of-the-art treatment and prophylaxis of adverse events when treating patients with oral anticoagulation.

Oral rehabilitation: need to integrate the knowledge of the specialties-clinical case report
Jose Antonio Emmer (Paraguay)

Learning Objectives
To present a clinical case that shows the importance of the diagnosis, treatment plan and execution method for the restoration of the masticatory function and oral aesthetics, in order to fully rehabilitate the patient according to his wishes.

Abstract
High complexity oral rehabilitation is a widely used expression. The industry presents us with materials and technologies that suggest us great advantages in diagnostics, treatment plans and execution of clinical cases. In reality, the complexity will always be less or nonexistent, the greater the knowledge of the Odontologist in relation to specialties such as Orthodontics, Prosthesis, Implantodontics, Periodontics and their ability to interact with other Professionals. As an example, we will present a clinical case of a patient whose objective was the restoration of aesthetic and ceramic restorations on teeth and implants and that in order to reach the de-sired result all the above specialties were used.
Comparison between periapical radiography and Cone Beam Computed Tomography for evaluation of apical lesion: Report of a clinical case
Giovani David Emmer (Brazil)

Learning Objectives
To compare the use of periapical radiographs and concomitant tomography in periapicopathic diagnosis, in order to arrive at a more accurate diagnosis.

Abstract
Radiology plays a fundamental role in the aid of dental diagnosis. From periapical radiography to Cone Beam CT scan, each exam provides additional information, provided the criteria for indication, performance and interpretation are met. This study compared results obtained using periapical radiographs and CBTB for the diagnosis of suspected periapopopathy in tooth 21. Two periapical radiographic shots of the incisor region and CBTB of the same region were performed. It was observed in the radiography the peri-penis appears normal, whereas in the CBT, it was possible to visualize apical lesion, with vestibular cortical impairment and floor of the nasal cavity.

The use of hypnosis in dental practice
Thomas G. Wolf (Switzerland)

Learning Objectives
• Ways to communicate more effectively and successfully with your counterpart
• Treating patients without losing time
• Working in your practice team more relaxed

Abstract
Dental hypnosis offers a way to a relaxed dental treatment and to solve problem cases. It is the key to a successful practice concept for patients and dentists alike. These include the ability to allow anxiety-free and stress-free treatments, to positively influence employees and themselves and to create a pleasant climate. Special communication techniques are a valuable help in dealing with anxious, difficult (interesting) children and facilitate consultation with regard to dental therapies. Get to know the different indications of this fascinating way of communication.

Aesthetic principles when treating adult patients- challenges for multidisciplinary team
Madalina Trofin (Romania)

Learning Objectives
We will be discussing not only dental and gingival components, but also lip line, smile arc, cant of the occlusal plane and smile symmetry, in what it is willing to be an incursion in aesthetic orthodontics.

Abstract
Adult patients seeking orthodontic treatment are interested in enhancing their “business card", what smile is thought to be, but the current orthodontic methods only focus on lateral views, as in ceph measurements, and only so little on the frontal views. The purpose of this presentation is to review the way of planning a multidisciplinary treatment and how one can benefit from orthodontic treatment’s real value.
Revolutionizing Aesthetics with High Technology Systems
Paulo Kano (Brazil)

Time: 11:30 – 12:30
Room: Cataratas Del Iguazu
Language: English / Translation: Spanish
Chair: Fernando Muñoz Zini (Argentina)
CERP: 1

Learning Objective
Democratize all the dental levels. Shaping the future in dentistry.

Abstract
The Clones technique involves the most advanced CAD/CAM technologies, extracting the maximum of precision, quality and speed, in obtaining ceramic restorations. It permits greater predictability of results and reduction of important clinical and laboratory steps, dispensing wax-up for diagnostic and mockups. The Clones allows an unlimited creation of smiles through the numerous dental compositions.

Oral Cancer Clinical Presentation Varies with Etiology
Dolphine Oda (United States of America)

Time: 11:30 – 12:30
Room: Lago Nahuel Huapi
Language: English / Translation: Spanish
Chair: Raquel Gonzalez (Argentina)
CERP: 1

Learning Objectives
• Be able to differentiate between the clinical presentation of different types of oral squamous cell carcinomas
• Learn about the oral manifestation of metastatic diseases
• Tobacco, smokeless tobacco, Learn about HPV-associated oral cancer & other condition

Abstract
This is a two-hour course focusing on the clinical presentation, etiology, and early detection of oral squamous cell carcinoma (SCC). Enthusiastic, informative, and applicable, the course introduces the clinicians to the very early signs of oral SCC, providing tools to think through each lesion with defined criteria. It emphasizes that the clinical presentation of oral SCC varies with etiology; that is, the clinical signs and symptoms of tobacco-associated oral SCC are different from those of HPV- or lichen planus-associated oral SCC. This course will cover the full range of oral SCC types and will provide a differential diagnosis with every topic.
**Remineralization with Bioactive Dental Materials**

**Martin Edelberg** (Argentina)

**Time**: 11:30 – 12:30  
**Room**: Valle De La Luna  
**Language**: Spanish  
**Chair**: Gaston Zuvela (Argentina)  
**CERP**: 1

**Learning Objectives**
- Definition of bioactivity, related to dental materials.  
- Bioactive materials classification.  
- Composition, properties and clinical indications of bioactive materials.

**Abstract**
New materials and continuous improvement of traditional restorative materials, allow the potential to self-repair by crystalline formation or ion exchange: these materials are called bioactive agents, and they are indicated for controlling the demineralization/remineralization cycle and for other preventive and restorative procedures. Materials for enamel and dentin caries lesions include remineralizing agents such as amorphous calcium phosphate (ACP), calcium silicate phosphate, novamin, calcium aluminates, and restorative materials: glass ionomer cements, gimmers, modified composite resins, new adhesive systems and biosilicates. Composition, remineralizing mechanisms and clinical examples will be presented in this lecture.

**Economic Solutions in Dentistry - Are High-End Solutions Always Necessary?**

**Mutlu Özcan** (Switzerland)

**Time**: 11:30 – 12:30  
**Room**: Quebrada De Humahuaca  
**Language**: English / Translation: Spanish  
**Chair**: Jouglard Adrian (Argentina)  
**CERP**: 1

**Learning Objectives**
- Introduction of new materials and economic solutions  
- Learning adhesive possibilities  
- Protocols for repair

**Abstract**
Despite advances in technological developments or dental materials, mechanical or biological failures are still being experienced in dentistry yielding to reconstructions that are more costly or to the cost of more tissues. Considering the increased lifetime of human beings, restoration/reconstruction cycle could in fact be decreased utilizing more economical alternative materials. This lecture will highlight such possibilities and discuss their longevity.
The Extraordinary Impact of Merging CAD/CAM Technology and The CBCT in Implant Surgery
Jorge Galante (Argentina)

Time: 11:30 – 12:30
Room: Glaciar Perito Moreno
Language: Spanish
Chair: Ignacio Catella (Argentina)
CERP: 1

Learning Objectives
• The use of Cone Beam Computer Tomography generates benefit in the accuracy of the diagnosis
• This equipment is safe with minimal exposure to radiation.
• Cad Cam technology allows the design of the prosthesis in a simple, and Precise way
• There are softwares that allow merging both CBCT technologies, (Dicom), with Cad Cam, (STL) to perform Guided Surgeries.

Abstract
The transformation of Imagination into Reality, is possible today, thanks to the use of the CBCT Diagnostic technology, with navigation software that allows simulations and virtual surgeries with an impressive precision, which approximate reality in such a way that possible risks and damages to the patient could be avoided. Cad Cam technology allows the design of the prosthetic restoration, according to the surgical planning made in the CBCT, and by means of specific merging software of both technologies, Dicom and STL files, 3D impressions of Guides for Guided Surgery can be made.

Mid-Day Sessions (12:30 – 14:30)

GSK Symposium
Addressing Oral Health Inequalities - Partnering for Better Oral Health
A Selection of GSK’s External Partnerships, Past, Present & Future
Monica Dominguez (Mexico)
Gerhard Seeberger (Italy)
Christopher Fox (United States)
Stephen Mason (United Kingdom)

Time: 12:30 - 14:30
Room: Cataratas Del Iguazu
Language: English / Translation: Spanish
Chair: Steve Mason (United Kingdom)
CERP: No
Transforming lives through partnership: Smile Train
Monica Dominguez (Mexico)

Learning Objectives
• Understand that Cleft Palette is a condition that affects around 1% of the world’s children but has devastating consequences when left untreated.
• Learn about the corrective action and the partnership between local HCPs and Smile Train that transforms lives in underserved communities, and the dentist’s role

FDI Oral Health Observatory: A practice-based approach to filling the data gap and reinforcing oral health advocacy
Gerhard Seeberger (Italy)

Learning Objectives
• Understand the need for new approaches to oral health data collection
• Understand the objectives and innovative approach of the project
• Understand how the collected data will support advocacy

Partnership to support the next generation of researchers: IADR
Christopher Fox (United States)

Learning Objectives
• Understand the vision and objectives of the Innovation Oral Care Award
• Understand the governance and oversight
• Learn the impact and relevance of the award to date

Partnering in research to understand patient behaviours: GSK
Steve Mason (No selection)

Learning Objectives
• Understand the scientific evidence showing the impact of dentine hypersensitivity on patients’ lives.
• Learn the role Dentists can take to manage patients for better outcomes; from DH diagnosis to patient- Dentist communication.
• Understand the tools available to Dentists to better manage DH

Oral B Symposium
Teeth for Life: Managing the Simple to Complex
Carlos Alberto Monteagudo Arrieta (Mexico)
Jaime A. Cury (Brazil)

Time: 12:30 – 14:30
Room: El Parmar
Language: English / Translation: Spanish
Chair: Angela Gatta
CERP: No

The Oral Hygiene Challenge of Periodontal Disease: What is our Responsibility as Oral Health Professionals?
Carlos Alberto Monteagudo Arrieta (Mexico)

Learning Objectives
• Most recent evidence on best practices to prevent periodontal disease
Opportunities in studies comparing different manual brushing techniques and why an alternative like electric toothbrushes and dentifrices including stannous are helpful
Practical strategies to educate on prevention in this social media era

Abstract
A successful strategy for primary as well as secondary prevention of periodontal disease depends on a comprehensive understanding of its etiology. Despite the tenuous link between the progression of gingivitis to periodontal disease, there is overwhelming evidence that the complete removal of bacterial plaque from the dentogingival region is the most effective method of preventing gingivitis and periodontitis.

Why aren’t enough patients using mechanical hygiene (manual or electric) combined with an antimicrobial dentifrice? What strategies can we deploy in this internet era where information is faster than education? As dentists, are we open to educate ourselves on new products and recommend their benefits to our patients?

Are All Fluoride Dentifrices the Same?
Jaime A. Cury (Brazil)

Learning Objectives
- Dentifrice is the most important way of using fluoride to control caries
- Fluoride containing dentifrices come in different formulations
- There is a fluoride salt used in some dentifrices that provides oral health benefits beyond that of just anti-caries

Abstract
Dentifrice is the most rational way of delivering fluoride to control for caries. By toothbrushing with a dentifrice, the dental biofilm is disrupted and fluoride is delivered to the oral cavity to interfere with the caries process. This is strongly supported by scientific evidence.

There are many different dentifrices available in the market with different formulations related to fluoride salt that are effective only to control caries. However, stannous fluoride (SnF2) combines the anti-caries effect of fluoride with the anti-microbial effect of stannous ion to reduce gingivitis. Also, SnF2 presents superior properties against erosion than other fluoride salts used in dentifrices.

Meet The Expert Session
All You Want to Know About Bruxism
Daniel Paesani (Argentina)

Meet The Expert Session
Update on Cement
Uğur Ergin (Turkey)
Afternoon Sessions (14:30 – 17:00)

Hot Topic Session
Future of Dental Materials
Gottfried Schmalz (Germany)
Mutlu Özcan (Switzerland)
Martin Edelberg (Argentina)

Time: 14:30 – 17:00
Room: Cataratas Del Iguazu
Language: English / Translation: Spanish
Chairs: Gottfried Schmalz - Jürgen Fedderwitz
CERP: 2.5

Minamata and the Impact on the Dental Practice
Gottfried Schmalz (Germany)

Learning Objectives
• Information on the Minamata Convention (MC)
• Impact of MC on the decision between invasive vs non-invasive treatment
• Under which conditions non-amalgam restorative materials can/should be used

Abstract
The future of dental materials is driven by the clinical needs, the scientific progress and the constraints of the healthcare system in each country. Still, amalgam is a reliable and – for the general population – safe and forgiving material. However, amalgam is not tooth coloured and not an adhesive material. Most important: in the Minamata Convention on Mercury (2013) a worldwide phase-down of amalgam was decided. The question for the dental practitioner is: how to cope with that challenge? Apparently, we must rethink our whole treatment philosophy. When to drill/fill or when better

New Materials, New Challenges in Reconstructive Dentistry
Mutlu Özcan (Switzerland)

Learning Objectives
• Introduction of new materials and economic solutions
• Learning adhesive possibilities
• Protocols for repair

Abstract
Despite advances in technological developments or dental materials, mechanical or biological failures are still being experienced in dentistry yielding to reconstructions that are more costly or to the cost of more tissues. Considering the increased lifetime of human beings, restoration/reconstruction cycle could in fact be decreased utilizing more economical alternative materials. This lecture will highlight such possibilities and discuss their longevity.

Bioactive Dental Materials
Martin Edelberg (Argentina)

Learning Objectives
• Definition of bioactivity, related to dental materials.
• Bioactive materials classification.
• Composition, properties and clinical indications of bioactive materials.
As governments worldwide are under pressure to integrate new demographic trends into policymaking, especially in health, the Oral Health for an Ageing Population project seeks to establish the fundamental role of oral health professionals in healthy longevity. It also aims to study opportunities for improved oral disease prevention and treatment of elderly patients whilst actively raising awareness of the need to conduct research on oral health in ageing populations.

This roadmap aims to support these long-term goals. It provides key information on the phenomenon of global ageing and its implications for oral healthcare services (OHCS). In addition, the roadmap contains a range of possible strategies and actions different stakeholders can implement to meet the needs of older adults with different levels of dependency, based on an adapted Seattle Care Pathway, also referred to as the Lucerne Care Pathway.

This roadmap is meant to be used as a quick reference guide that summarizes possible actions and strategies that can be supported and/or implemented either globally (FDI, World Health Organization (WHO), FDI World Dental Congress, etc.) or nationally/locally (National dental associations (NDAs), governments, individual health professionals).

LAUNCHING NEW TOOLS

- **Roadmap for Healthy Ageing** a quick reference guide outlining strategies and actions that different stakeholders can implement to meet the needs of older adults

- **Advocacy resource** emphasizing the urgent need to adapt health systems to meet the increasing oral health needs of ageing populations worldwide

A panel of experts will debate how to take these tools from theory to practice.
Abstract
New materials and continuous improvement of traditional restorative materials allow the potential to self-repair by crystalline formation or ion exchange: these materials are called bioactive agents, and they are indicated for controlling the demineralization/remineralization cycle and for other preventive and restorative procedures. Materials for enamel and dentin caries lesions include remineralizing agents such as amorphous calcium phosphate (ACP), calcium silicate phosphate, novamin, calcium aluminates, and restorative materials: glass ionomer cements, gimmers, modified composite resins, new adhesive systems and biosilicates. Composition, remineralizing composites and clinical examples will be presented in this lecture.

World Oral Health Forum
Healthy Ageing

Moderators and Speakers
Kathryn Kell (USA, FDI President)
Sophie Dartevelle (France)
Kakuhiro Fukai (Japan)
Miguel Aguilar (Costa Rica)
Maria Fidela de Lima Navarro (Brazil)
Angus Walls (United Kingdom)

Panelists
Ira Lamster (USA)
Mauricio Montero-Aguilar (Costa Rica)
Marshall Gallant (USA)
Edward Lo (Hong Kong SAR China)
Martin Edelberg (Argentina)

Time : 14:30 – 17:00
Room : Lago Nahuel Huapi
Language : English / Translation: Spanish
CERP : 2.5

In 2015, FDI World Dental Federation launched the Oral Health for an Ageing Population Partnership (OHAP) with the support of GC International AG, to establish the fundamental role of oral health professionals in healthy longevity. OHAP aims to study opportunities for improved oral disease prevention and treatment for elderly patients, whilst actively raising awareness on the need to conduct research on oral health in ageing populations.

New tools will be launched during the WOHF to achieve these objectives:
• A Roadmap for Healthy Ageing: a quick reference guide outlining strategies and actions that different stakeholders can implement to meet the needs of older adults
• An Advocacy resource: emphasizing the urgent need to adapt health systems to meet the increasing oral health needs of ageing populations worldwide
<table>
<thead>
<tr>
<th>Parts</th>
<th>Timing</th>
<th>Sub-parts</th>
<th>Moderators</th>
<th>Speakers / Panelists</th>
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</table>
| I. Welcome remarks and introduction                                  | 14.30-14.40  | - Brief presentation of the partnership (rationale, aim, objectives, task team, main achievements)  
- Launch and presentation of the advocacy document and roadmap | Kathryn Kell, FDI President       |
| II. From theory to practice: Surveillance and information systems    | 14.40-14.55  | Presentations  
- Importance of information and surveillance systems in shaping and adapting oral care: The Japanese example  
- Innovative digital tools to monitor the oral health of institutionalized elderly: The French example | Kakuhiro Fukai                    | Kakuhiro Fukai  
Sophie Dartevelle            |
|                                                                  | 14.55-15.10  | Panel discussion                                                        |                                   | Kakuhiro Fukai  
Sophie Dartevelle  
Ira Lamster                  |
|                                                                  | 15.10-15.25  | -                                    |                                   |                                |
| III. From theory to practice: The community-based approach         | 15.25-15.40  | Presentation:  
‘Older adults learn about oral health. Promotion of oral health in the National Network of Older Adults Clubs’: The Costa Rican example | Mauricio Montero-Aguilar          | Miguel Aguilar  
Miguel Aguilar  
Marshall Gallant         |
|                                                                  | 15.40-15.50  | Panel discussion                                                        |                                   |                                |
| IV. From theory to practice: Management of elderly patients        | 15.50-16.10  | Presentation:  
Contemporary and adapted treatments for the elderly: Conventional and minimally invasive treatments | Maria Fidela de Lima Navarro       | Maria Fidela de Lima Navarro  
Edward Lo Martin  
Angus W.G. Walls         |
|                                                                  | 16.10-16.25  | Panel discussion                                                        |                                   |                                |
| V. Questions & Answers                                              | 16.25-16.35  | Interactive discussion with delegates                                    |                                   |                                |
| VI. Conclusions                                                     | 16.35-16.45  | Concluding remarks and take-home messages                                | Angus W.G. Walls                  |                                |
Implantology Session
Jorge Aguilar (Argentina)
Luis Douglas Contreras Leal (Nicaragua)

Time: 14:30 – 15:30
Room: Valle De La Luna
Language: Spanish
Moderator: Stutz Andrea (Argentina)
CERP: 1

Gingival Healing In Implantology
Jorge Aguilar (Argentina)

Learning Objectives
• Identify the biological, mechanical and operator factors involved in gingival healing.
• Identify possible alterations in shape, color, surface texture and its etiology.
• Determine the procedures to prevent and correct such alterations

Abstract
The periimplant soft tissues have a fundamental role in the health, aesthetics and function of implant restorations. In an area of high aesthetic commitment, the shape, color and surface texture of the restorations and the gingiva are determinants for success. The factors capable of modifying the gingiva and those that intervene in its healing will be identified. We will describe the clinical procedures to correct and solve gingival alterations, their results and the stability over time of the tissues with the use of them.

Management of the Complications in Oral Implantology
Luis Douglas Contreras Leal (Nicaragua)

Learning Objective
Recognize some methods to resolve the most frequent complications in Oral Implantology

Abstract
There are many complications that disfavour the development of a successful treatment in Oral Implantology. We will find methods that facilitate the solution to these problems, allowing to get faster results to our patients.

Early Childhood Caries: Problems of The Very Young and Role of The Family
Ece Eden (Turkey)

Time: 14:30 – 15:30
Room: Quebrada De Humahuaca
Language: English / Translation: Spanish
Chair: Yolande Koffi Gnagne
CERP: 1
Learning Objectives
- Define Early Childhood Caries (ECC) and Severe Early Childhood Caries
- Recognize the risk factors for ECC
- Define prevention regime for ECC
- Understand the management of ECC

Abstract
Early Childhood Caries (ECC) is a term that defines cases with dental caries in children younger then 71 months old. Severe-ECC is used for young children with smooth surface involvement and dmf-s more then the number obtained by age. The presentation will include the information on etiology of ECC and prevalence all around the world. Prevention methods in relation to the family with self-management goals and an example field study that showed the effect of oral health education on prevalence will be presented. Furthermore, management of ECC will be discussed with clinical cases and consequences will be reviewed.

Aesthetic Dentistry Session
Sergio Pignata Volpe (Uruguay)
Enrique Jadad (Colombia)

Time : 14:30 – 15:30
Room : Glaciar Perito Moreno
Language : Spanish
Chair : Marcela Silvero (Argentina)
CERP : 1

Criteria in The Selection of Restorative Material for Indirect Partial Reconstructions in the Posterior Sector
Sergio Pignata Volpe (Uruguay)

Learning Objectives
The dentist can solve clinical cases with indirect aesthetic restorations, in situations where adhesive dentistry is not allowed.

Abstract
For many years indirect partial restorations were solved by the use of metallic inlaid gold castings. This type of restorations of high technical quality and a longevity that has not yet been surpassed by any other restoration, has been losing validity due to the aesthetic needs we are currently facing. On the other hand, the opening of Adhesive Dentistry has caused a very important change in what restorative dentistry is concerned, because it has allowed us to make restorations of very good aesthetic quality and that adhere to the dental structures using innovative materials and techniques. Nevertheless, we must be very clear that adhesive dentistry either through direct or indirect techniques has its limitations, on the one hand, the presence of tooth enamel on the edges cavo of the preparations to ensure a joint tooth restoration in time and on the other hand, the certainty of obtaining a dry field, an essential element to perform any adhesive technique.
Dental Aesthetics, Where Are We Now?
Enrique Jadad (Colombia)

Learning Objective
Minimal invasive dentistry is the best choice for our patients, preserving dental tissues by making less to reach better results so our patients will remain with their healthy teeth for a longer period of time.

Abstract
We want to teach how to improve dental aesthetics in patients with staining teeth due to tetracycline, hypoplasia, white spots, fluorosis and other causes using non-invasive techniques. We developed a new technique for whitening in patients wearing orthodontic devices, breaking big paradigms. With our research we show the reality about dental whitening and the use of lights with images obtained with an electronic microscope at 3000x.

Remineralization of Dental Caries in Pediatric Dentistry
Martha Lourdes Basso (Argentina)

Time : 16:00 – 17:00
Room : Valle De La Luna
Language : Spanish
Chair : Alejandra Zirone (Argentina)
CERP : 1

Learning Objective
• The purpose of the presentation is to review the different strategies to achieve remineralization of dental caries

Abstract
Dental caries is the most prevalent oral disease both in children and adolescents. Its control and treatment are important areas in dental research. An early detection, as well, is critical and the possibilities for its arrest and the regression of the processes have become true challenges of special interest for the clinical practitioner.

Biology, Genetics and Clinical Practice : Three Parts of a New Puzzle For Endodontics
Stephane Simon (France)

Time : 16:00 – 17:00
Room : Quebrada De Humahuaca
Language : English / Translation: Spanish
Chair : Yolande Koffi Gnagne
CERP : 1

Learning Objectives
• To explain how biological understanding can improve the clinical practice.
• To assume that endodontics is not only shaping and filling the root canal.
Abstract
Progress done in the tissue engineering field are very useful to reconsider the basic principles of pulp tissue healing either regeneration. With these approaches expected to develop and evolve, the orientation of endodontology is likely to be more pharmacological and biological, and the procedures less invasive. Thus, in the endodontics of the future, these approaches are expected to complement the current treatment techniques. A true translational approach bridging basic science and clinic is essential to understanding why and how endodontics needs to evolve. The aim of this lecture is to describe perspectives in modern endodontics and clinical applications in the near future.

Technology and Biological Advances in Implant Dentistry – Is This The Renaissance?
Shankar Iyer (United States of America)

Time : 16:00 – 17:00
Room : El Parmar
Language : English / Translation: Spanish
Chair : S.M Balaji (Seychelles)
CERP : 1

Learning Objectives
• To review the various advances made in implant dentistry over the past 2 decades
• The participants will be able to compare the validity of technology with conventional concepts.
• Cases will be reviewed that will illustrate the benefits of an organized diagnosis and customized treatment rather than resorting to biological and technological means to solve clinical problems.

Abstract
SKIN is a concept that revolutionizes the way to make dental restorations, achieving excellence in function, physiology and aesthetics. It proposes to mimic the morphology of natural teeth, and can be used in several indications of oral rehabilitations. The use of digital mechanisms makes possible the micrometric milling, superior to what could be achieved by the human abilities, which allows the precise fit of the ceramic pieces, resulting in a perfect cementation. It results in a personalized aesthetic, according to the patient’s choices.
Teaching The Use of Scientific Evidence In Dental Education Programs
Ricardo Macchi (Argentina)

Time : 16:00 – 17:00
Room : Glaciar Perito Moreno
Language : Spanish
Chair : Liliana Zeman (Argentina)
CERP : 1

Learning Objectives
• Present the knowledge of research design as an input for the practice of evidence based dentistry.
• Describe the theory and practice behind the evaluation of internal and external validity of research results.
• Analyze learning strategies that have been used in dental education programs to generate competencies related to the use of scientific evidence in clinical decision making.

Abstract
The use of scientific evidence in clinical decisions is based on the conscientious analysis of the applicability and reliability of research results. It is a competency that is usually mentioned as a requirement for graduation in undergraduate and graduate dental education programs. To reach such a goal, students have to be exposed to learning experiences that train them in the evaluation of external and internal validity of published research, so rationale decision making can be applied for specific clinical situations. Different strategies are available, and they have to be taken into consideration when organizing the above mentioned educational programs.
Enjoy our world-class city of Chicago while you learn from the leaders in dental education. Choose from more than 200 courses, including valuable hands-on learning activities and Live Patient Demonstrations. Be sure to visit our Exhibit Hall featuring more than 700 exhibiting companies here to show off their latest products and services. After the meeting, make sure you take some time to relax, rejuvenate and recharge. Dine in our fabulous restaurants, shop the Magnificent Mile or take a tour of our amazing architecture. Chicago is our home town and we are happy to welcome you.

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<td>Tips and Tricks for the Adhesive Cementation of Different Prosthetic Restorations and Materials Ugur Ergin</td>
<td>Moderator: William Cheung</td>
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<td>Proposed Drugs For Pain Management in Dentistry Monica Doublander</td>
<td>Moderator: Jurgen Fischer</td>
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<td>Local Anesthetic and Analgies Drugs in Dentistry Monica Doublander</td>
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<td>The Rization of Stability in the Face of the Problem of Recurrence Jose Carlos Elgoynes</td>
<td>Moderator: Graciela Bonifazi</td>
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<td>New Concepts in Digital Dentistry Gustavo Juan Varela</td>
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<td>Global Periodontal Health Project: Prevention and Effective Periodontal Care: Major Challenges, Scientific Updates and Key Issues for Success Kathryn Koel</td>
<td>Moderator: Li-Jian Jin</td>
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<td>National Program For The Promotion of Health and The Prevention of Oral Diseases - Maria de Los Angeles Herrera</td>
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<td>Orienteering of the Jaw - A Hidden Enigma Odell Cheleki Barbur</td>
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<td>Dealing with Endodontic Pain Evidence-Based Choices - Daniel Chamorro Balbo</td>
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<td>Comparative Analysis of Dental Care System Around the World - Marco Vajocz</td>
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<td>Bionicglandland C3 oral Early Wound Healing Mechanisms of Periodontal and Per-Implant Soft Tissues - Andrea Pilioni</td>
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06.09.2018, Thursday

Weil Dental Congress
Buenos Aires, Argentina
5-8 September 2018
Morning Sessions (09:00 – 12:30)

**Adhesive Dentistry Session**

**Marco Ferrari** (Italy)  
**Uğur Ergin** (Turkey)

- **Time**: 09:00 – 11:00  
- **Room**: Cataratas Del Iguazu  
- **Language**: English / Translation: Spanish  
- **Chair**: William Cheung (Hong Kong SAR China)  
- **CERP**: 2

**Marginal Seal in Traditional, Adhesive and Digital Dentistry: When is It Clinically Acceptable?**  
**Marco Ferrari** (Italy)

**Learning Objectives**
- Limitations to proper use of IntraOral Scanner)  
- Predictability of Cervical Margin Relocations  
- Predictability of vertical vs horizontal preparations related to periodontal tissues  
- Indications and new horizons due to new prosthodontic materials, Luting indirect adhesive restorations

**Abstract**
The problem about clinical acceptability of the margins is still an open issue. We, as dentists, are daily pushed by the Industry and socials and media, to adopt ‘new’ clinical procedures and new devices, but often there is a lack of scientific evidence to support them. During the presentation the different ‘hot’ topics of restorative dentistry such as 1. type of preparation of finishing lines (vertical vs horizontal prep), 2. Cervical Margin Relocation, and 3. New available prosthodontic materials and 4. the use IntraOral Scanner to take the final impression of natural abutments will be covered and 5. Bonding/luting indirect restorations, of course, correlate together to provide clinical advices for daily dentistry. Advantages and limits of all above mentioned procedures will be shown, from technical and material point of views and in particular in relation with the periodontal tissues and their clinical behavior and response. It is not possible to get a prosthodontic success without a proper biological integration of periodontal tissues. Recent scientific knowledge and clinical experience will be examined to support conclusions about what clinical behavior is, right now, indicated.

**Tips and Tricks for The Adhesive Cementation of Different Prosthetic Restorations and Materials**  
**Uğur Ergin** (Turkey)

**Learning Objectives**
- Understanding adhesion  
- Key factors of a successful adhesion on dentin and enamel  
- Adhesive cementation of different restorative materials  
- Adhesive Workflows for different restorative indications
Keep up to date on the prevention and management of periodontal disease and discover new resources to help patients in your clinical practice

**SYMPOSIUM**

**Proactive prevention and effective periodontal care**

Major challenges, scientific updates and key issues for success

**MAIN TOPICS**

- Global periodontal health challenges, global burden and socio-economic impact
- The new classification of periodontal and peri-implant diseases
- Effective management of periodontal diseases, prevention, diagnosis and treatment
- Periodontal care challenges, recommendations, solutions, future perspectives

**WORKSHOPS**

**Presentation of a practical tool designed for GPs**

A unique opportunity to get first-hand practical knowledge from worldwide experts and engage in the debate

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*The Global Periodontal Health Project is supported by EMS, GSK, and Procter & Gamble*
Abstract
Adhesive cementation is a multiphase procedure in prosthetic dentistry. The goal of the dentist is to create a powerful and lasting bond with precise adaptation of the adhesive cement between the restoration and the tooth. With developments new prosthetic materials and methods cementation became more complicated. A reliable adhesive cementation can only be achieved if the dentist is aware of the adhesive mechanisms and material properties. This presentation will highlight the principles of adhesive cementation and offer simplified workflows with current materials to help dentist for decision making in daily practice.

Proactive Prevention and Effective Periodontal Care: Major Challenges, Scientific Updates and Key Issues for Success
Global Periodontal Health Project

Kathryn Kell (United States of America)
Li-Jian Jin (Hong Kong SAR China)
David Herrera (Spain)
Joerg Meyle (Germany)
Stefan Renvert (Sweden)

Time : 09:00 – 11:00
Room : Lago Nahuel Huapi
Language : English / Translation: Spanish
Chair : Li-Jian Jin (Hong Kong SAR China)
CERP : 2

Welcome Remarks
Kathryn Kell (United States of America)

Global Periodontal Health: Challenges, Tackling Strategies & An Update on FDI’s Action
Li-Jian Jin (Hong Kong SAR China)

Learning Objectives
• Knowing the global burden and socio-economic impacts of periodontal diseases
• Understanding the critical challenges facing the oral healthcare professionals and policy-makers
• Appreciating the scientific rationale and key strategies on tackling periodontal problems worldwide

Abstract
Periodontal diseases are a major global health burden with huge socio-economic impacts and healthcare costs. Severe periodontitis as the leading cause of multiple tooth loss and edentulism in adults not only badly affects oral health, but also closely associates with major non-communicable diseases like diabetes and heart disease. Whereas, people’s awareness of oral/periodontal health remains low worldwide. The global strategy of oral/periodontal health in all policies and common risk factor approach are extremely important for tackling periodontal problems. This presentation addresses these critical issues and strategic frameworks of global periodontal health, with an update on FDI’s Global Periodontal Health Project.
The New Classification of Periodontal and Peri-Implant Diseases
David Herrera (Spain)

Learning Objectives
- To understand the new concepts proposed to explain the etiology of periodontal diseases.
- To evaluate the translation of those concepts into the clinical practice and the new classification of periodontal diseases.
- To discuss the new classification of periodontal diseases.
- To understand how the new classification of periodontal diseases could impact the clinical practice.

Abstract
Periodontal diseases are inflammatory conditions of infectious nature, with a multifactorial aetiology. The new concepts in the aetiology and pathogenesis of periodontal diseases (e.g. dysbiosis) may have profound implications in the management of periodontal diseases, including classification, case definition, prevention or treatment. The new classification, discussed in November 2017, and presented in 2018, captures some of the new concepts and knowledge on periodontal diseases, aiming to help the clinician in making a more accurate diagnosis, and giving the patient the benefit of being managed as a person and not as a condition.

Effective Management of Periodontal Diseases: An Evidence-Based State-of-the-Art Approach – Non-Surgical Therapy
Joerg Meyle (Germany)

Learning Objectives
- Importance of a specific diagnostic concept
- Knowledge of the systematic therapeutic approach
- Knowledge of the different parts of non-surgical therapy

Abstract
A meticulous local examination is of fundamental importance for appropriate treatment planning and successful therapy. At least probing depths and bleeding upon probing should be recorded and documented using a periodontal chart. Treatment consists of different parts, where anti-infective therapy represents the cause-related approach and consists of a number of different measures. Among these, complete mechanical removal of the supra- and subgingival biofilm is of greatest importance. After local treatment patients should be guided and supervised to perform an appropriate oral hygiene, which will support healing and protect against recurrence of disease. The outcome of treatment will be evaluated by another local examination.

Effective Management of Periodontal Diseases: An Evidence-Based State-of-the-Art Approach – Non-Surgical Therapy
Stefan Renvert (Sweden)

Learning Objectives
- Knowledge of the efficacy of surgical periodontal therapy
- Knowledge of the importance of an effective oral hygiene as a prerequisite for a positive end result of surgical therapy
- Knowledge of different surgical approaches to periodontal disease
Abstract
In patients where healing cannot be obtained following non-surgical treatment of periodontitis, surgical procedures is a treatment option. It is, however, important that the patient is capable and willing to perform good oral hygiene before any surgical interventions are performed. The surgical intervention can aim at regenerate lost periodontal tissues and different bone augmentation materials are often used. Teeth lost due to periodontal disease are often replaced by dental implants. Inflammation at implants is more difficult to treat than that at teeth, and individuals with a history of periodontal disease are at greater risk to develop peri-implant diseases.

Endodontics Session
Beatriz Maria Maresca (Argentina)
Pablo Spoleti (Argentina)

Time : 09:00 – 11:00
Room : Valle De La Luna
Language : Spanish
Chair : Maria de los Angeles Bulacio (Argentina)
CERP : 2

Regenerative Endodontics Paradental
Beatriz Maria Maresca (Argentina)

Learning Objectives
• Reach posendodontica repair by tissue regeneration
• Do not mutilate the tooth
• Used as a vector to reach the apical region, root canal and the fistulous.

Abstract
Regenerative Endodontics developed based on tissue engineering techniques to replace lost tissues. With the development of the current knowledge of molecular biology, microbiology and genetics among other disciplines, we are able to introduce us to the knowledge of the intracellular signaling cascades triggered by self-organizing complex systems in their process of self-healing. This allows us to define the steps that must make for regeneration ad integrum of the tissues that make up the system of dental insertion.

Clinical Challenges in Endodontics
Pablo Spoleti (Argentina)

Learning Objectives
• Identify the etiology of dental pulp pathology
• Achieve a critical approach to root canal treatment planning
• Obtain clinical tools to treat the endodontic infection
• Share the clinical strategies elected to solve conventional treatment or retreatment
• Recognize dental trauma long term consequences

Abstract
The presenter will discuss present challenges of clinical endodontics from a biological perspective, covering from conventional root canal treatment to retreatment cases and unusual consequences of dental trauma; providing a space to discuss different approaches to the ultimate goal of endodontics treatment.
TMD/TMJ Session
Daniel Paesani (Argentina)
Ana Maria Ramón de Blanco (Argentina)

Time: 09:00 – 11:00
Room: Quebrada De Humahuaca
Language: Spanish / Translation: English
Chair: Viviana Berta
CERP: 2

The Intriguing Mechanism of Pain and Dysfunction in The TMD Patient
Daniel Paesani (Argentina)

Learning Objectives
• To understand the relationship between bruxism and pain in TMD patients
• Differentiate between the source of the pain and the site of the pathology
• Distinguish between muscle pain and muscle pathology
• To learn how to break down the pain circle and to rehabilitate the jaw function

Abstract
The most relevant characteristic of TMD patients are pain in the TMJ and in the masticatory muscles. Some schools of thought have proposed classify the TMD in relation to the site of the pain. Moreover, is very common that dentists attribute these symptoms to the action of bruxism. In this presentation, we will discuss the pathophysiologic relationship between bruxism, the pain in the masticatory muscles and pathology of the TMJ.

Importance of Occlusion in the Postural Organization
Ana María Ramón de Blanco (Argentina)

Learning Objective
The dentist must know the postural alterations that are produced by malocclusions and ATM dysfunctions, to treat or refer the specialized practitioner in posture for rehabilitation

Abstract
The human body remains standing, thanks to the existing balance between all the structures that compose it. An alteration, at whatever level, will influence the rest of the organism. The jaw articulates with the skull through the temporomandibular joint and through the dental occlusion, but for this mechanism to work, it is necessary that each tooth occlude correctly with its antagonists. All the dental pieces must be in perfect balance to avoid that the temporomandibular joint is overloaded. When the balance is broken by extractions, by dental malpositions, by mandibular positions towards distal, mesial or lateral, a malocclusion syndrome is created that causes the chewing muscles to contract more than others, or, that the patient chews more than one side that of another causing a muscular atrophy on the side that uses less and a compensatory muscular hypertrophy of the other, causing a facial asymmetry. And when the jaw goes into imbalance, depending on the muscle chains that are activated, the skull will also take an anomalous spatial position, (extension or flexion), which will act overloading the cervical spine, and in an attempt to adapt, would cause alteration to level of the same, with increased curvatures or rectifications that will lead to painful symptoms in the future. If it is treated with analgesics, it will disappear, but after not having treated the cause, after a while, it will reappear and the patient will enter the group of chronic patients.
Digital Workflows in Orthodontics
Lars Christensen (United Kingdom)

Time: 09:00 – 11:00
Meeting Room: El Palmar
Language: English / Translation: Spanish
Chair: Carlos Vargas Herrera
CERP: 2

Learning Objectives
• Develop an understanding for the appliances that can be generated from intra-oral 3D captured data
• Understand possibilities of customization of orthodontic appliances
• Appreciate advantages and disadvantages of digitally designed orthodontic appliances

Abstract
New ways of acquiring patient specific 3D data with intra-oral scanning systems have become available to clinicians allowing us to create a truly digital patient journey. Dr Christensen will examine pros and cons of various digital options and detail the workflow from initial consultation, imaging for diagnosis and treatment planning, model analysis and digital set-up options. Examples of digitally created customized appliances will be shown with clinical case material and emphasis will be made on the orthodontist’s ability to control the design and development of the appliances.

Women Dentists Worldwide Forum
Leading Technologies-Impact of Knowledge to Clinical Practice
Nermin Yamalik (Turkey)
Simona Dianiskova (Slovakia)
Jina Linton (South Korea)

Time: 09:00 – 11:00
Room: Glacial Perito Moreno
Language: English
Chair: Vesna Barac-Furtinger
CERP: 2

Evidence based dentistry (EBD) and critical thinking
Nermin Yamalik (Turkey)

Learning Objective
Have a general understanding of:- EBD and the impact of EBD and critical thinking on dental practice - The potential barriers to effective implementation of EBD into daily dental practice- Practical methods for EBD

Abstract
Evidence based dentistry (EBD) and critical thinking are crucial both from a scientific and dental practice standing point due to their potential impact on the outcome of dental treatment and the success of dental practice. Further, the benefit of effective implementation of EBD into dental practice is widely accepted. Thus, every dental practitioner is expected to have a general understanding of EBD and critical thinking, implementation into daily dental practice and the practical methods for EBD.
Digitalisation in orthodontic practice
Simona Dianiskova (Slovakia)

Learning Objective
Learn how to incorporate digital technologies into the daily practice of an orthodontist.

Abstract
In the past few years the practice of orthodontics has changed significantly. Beside the still growing interest for orthodontic treatment, increasing part of treated adults and demand for esthetic appliances, the digital technologies penetrated the daily practice of most orthodontists. Today, the documentation and patients' files are created, evaluated and saved mostly by digital means. Starting by e-card check in of patients, through digital cameras taking pictures, digital x-ray machines and CBCT's, intraoral scanning replacing classical impressions, softwares for measuring virtual casts and cephalograms, for designing orthodontic appliances such as aligners or splints for indirect bonding of braces.

3D digital - CCO system, scale up in orthodontics
Jina Linton (South Korea)

Learning Objectives
Introducing 3D biodigital diagnosis and treatment planning, What is Complete Clinical Orthodontic system, and how to accomplish speedy, efficient, predictable, and stable outcome.

Abstract
Orthodontics is not just straightening teeth, but correcting transverse and vertical skeletal discrepancies. With advancement in 3D technique, With advancement in biodigital technique, 3D dynamic planning is enabled by the virtual patient. Complete Clinical Orthodontic system is consisted of three principles. For the doctor, indirect bonding and treatment simulation is provided. For the patient, comfort and speedy treatment is guaranteed. The CCO system is designed to offer the most effective, efficient, and predictable outcome. Combination of 3D digital technique and CCO system brought scale up in orthodontics.
FDI Science Committee Forum
Nanoparticles in Dentistry – Risks and Promises
Alexander Besinis (United Kingdom)
Alessandro Loguercio (Brazil)
Gottfried Schmalz (Germany)

Time: 09:00 – 11:00
Room: Ceibo C
Language: English
Chair: Reinhard Hickel (Germany)
CERP: 2

Biology of Nanoparticles - Why Care?
Alexander Besinis (United Kingdom)

Learning Objectives
• Definition and classification of nanoparticles
• Applications of engineered nanomaterials in clinical dentistry
• Interaction of nanoparticles with the oral microenvironment

Abstract
Interest in the use of engineered nanomaterials (ENMs) in clinical dentistry is growing. ENMs have dental applications as antibacterials for infection control, as nanofillers to improve the mechanical and bioactive properties of restoration materials, and as novel coatings on dental implants. Dentifrices and some related personal care products are already available for oral health applications. Nanoparticles have unique properties due to their small size and large surface area, explaining the unconditional understanding of their behaviour. Their behaviour and kinetics are even more complex when present in biological media.

Better Dentistry Through Nanoparticles?
Alessandro Loguercio (Brazil)

Learning Objectives
• Why added nanoparticles to direct restorative materials
• Nano-filled glass ionomers, resin-based composites and adhesive systems
• Have nanoparticles improved the clinical performance of composite resins? A systematic review
• Have nanoparticles improved the clinical performance of adhesive systems? A systematic review

Abstract
In the last 15 years, several nano-filled materials for direct restorations have been launched in the market. For instance, nano-filled and nanohybrid resin-based materials, nano-filled adhesive systems and nano-filled glass ionomers are available to performing adhesive direct restorations. Although the addition of nanoparticles has improved the mechanical and adhesive properties of these new materials, it is not clear whether the use of nano-filled materials could improve the clinical performance of restorations in posterior and anterior teeth. Therefore, the main focus of this lecture is to performed a systematic review of randomized clinical trials to evaluating if nanoparticles materials showed better clinical performance when compared to a direct restoration materials without nanoparticles.
Nanoparticles - Risks in Daily Practice?
Gottfried Schmalz (Germany)

Learning Objectives
- Why added nanoparticles to direct restorative materials
- Nano-filled glass ionomers, resin-based composites and adhesive systems
- Have nanoparticles improved the clinical performance of composite resins? A systematic review
- Have nanoparticles improved the clinical performance of adhesive systems? A systematic review

Abstract
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Dental Practice Committee Forum
Quality in Dentistry - How to Improve Quality in Your Daily Practice
Marc Tennant (Australia)
James K Zenk (United States of America)
Ward Van Dijk (Netherlands)
Roland L’Herron (France)
Michael Sereny (Germany)

Time : 11:15 – 13:15
Room : Ceibo C
Language : English
Chair : Roland L’Herron (France)
CERP : 2

Quality in Dentistry - How to Improve Quality in Your Daily Practice
Marc Tennant (Australia)

Learning Objectives
- Understand the policy objects associated with Quality health care.
- Explain the different models of quality and how they can apply across the world
- Consider the cultural context of quality as it applies in dentistry globally.

Abstract
The presentation will look to systems and approaches that have been evolving in general health over the last couple of decades and their basis for use in dentistry to improve Quality. Dentists in all countries are all striving for quality in our care provision models and this presentation will look at the applicability of different models in different areas and provide some insights into key areas that are globally applicable. Professor Tennant will share some of his personal experiences in this diversity. The impact of a focus on quality on health care costs will be canvassed and discussed.
How to Implement a Quality Approach in the Dental Office
James K Zenk (United States of America)

Learning Objective
Helping our members succeed in providing quality dentistry in their dental office. How my professional dental association – the American Dental Association - helps support their members in providing quality care to their patients.

Abstract
1. Providing quality care in a dental office – from the point of view of the dentist, dental team and the patient.
2. What part a professional dental organization can play in developing a culture of quality and give the dentist the tools needed to be successful in providing quality care for their patients. Specific examples of how the ADA helps their members provide quality care in their individual dental offices.
3. How and why the Dental Quality Alliance was formed and how it works to support dentists in America in providing quality care.
4. Quality indicators in dentistry? How would these indicators be defined?

Panel Discussion
Based on their expertise as dental practitioners the participants of the panel discussion will provide answers for the most common questions related to the topic and are open for further questions and remarks from the audience.

Proposed Drugs For Pain Management in Dentistry
Monika Daublaender (Germany)

Time : 11:30 – 12:30
Room : Cataratas Del Iguazu
Language : English / Translation: Spanish
Chair : Jürgen Fedderwitz (Germany)
CERP : 1

Learning Objectives
• Selection of drugs for a safe and effective analgesia for acute and postoperative dental pain.
• Knowledge of effects and side effects of the different drugs
• Use of co-analgesic drugs for chronic pain.

Abstract
Traditional non-steroidal anti-inflammatory drugs like ibuprofen and new Cox 2-inhibitors are adequate for acute and postoperative pain. Their antiphlogistic and analgetic potency are very efficient for the mainly inflammatory pain states in dentistry. One alternative in the case of contraindications is acetaminophen. Opioids are often not necessary for dental pain and should be avoided if possible because of their risk of addiction. Anticonvulsant and tricyclic antidepressant drugs can be used as co-analgesics in chronic facial pain, sometimes even in the perioperative drug management.
Oral Ulcers From Immune Mediated to Oral Manifestation of Systemic Disease
Dolphine Oda (Brazil)

Time: 11:30 – 12:30
Room: Lago Nahuel Huapi
Language: English / Translation: Spanish
Chair: Yolanda Colombo (Argentina)
CERP: 1

Learning Objectives
• Learn about lichen planus, lichenoid mucositis, mucous membrane pemphigoid and pemphigus vulgaris
• Learn about oral manifestation of systemic disease such as Crohn’s disease
• Formulate an applied differential diagnosis for oral ulcers in children and adults

Abstract
This is a two-hour course designed to cover the full range of the clinical presentation of oral ulcers. The topics covered will include chronic immune mediated diseases such as lichen planus, lichenoid mucositis, mucous membrane pemphigoid and pemphigus vulgaris. It will also cover drug-induced oral ulcers, nutritional deficiencies, viral diseases and oral manifestation of systemic diseases that present with diffuse oral ulceration. The histology and the clinical differential diagnosis will be provided for each disease. Clinicians will leave this course with essential information that they can directly apply to improving their everyday practice of diagnosing oral diseases.

Osteonecrosis of the Jaw - A Hidden Enemy
Odel Chediak Barbur (Colombia)

Time: 11:30 – 12:30
Room: Valle De La Luna
Language: Spanish
Chair: Federico Braun (Argentina)
CERP: 1

Learning Objectives
• Learn how to diagnose osteonecrosis of the jaw (onj)
• Learn the principles risk factors
• Learn treatment and staging of onj
• Share the clinical strategies elected to solve conventional treatment or retreatment

Abstract
Osteonecrosis of the jaw has been associated with the use of antiresorptive medications and antiangiogenic therapy for patients with osteoporosis and cancer. The etiopathology of this severe bone disease is still unknown. It affects patients quality of life. The aim of this lecture is to teach the audience the severity of medication-related osteonecrosis of the jaw, principle risk factors and how to treat it.
**Curaden Symposium Part 1 – Theory**

**Establishing a Maintenance Protocol to Prevent Implant Mucositis and Peri-Implantitis**

Hugo Roberto Lewgoy (Brazil)

**Time**: 12:30 – 14:30  
**Room**: Quebrada De Humahuaca  
**Language**: English / Translation: Spanish  
**CERP**: No

**Learning Objectives**

- Enabling awareness about implant mucositis and peri-implantitis, microbiology, risk factors, diagnosis, clinical cases
- Strengthening the needs to establish a maintenance protocol in order to prevent peri-implant diseases and reduce the risk of systemic diseases
- Directing oral prophylaxis towards management of peri-implant sites, establishing an effective and atraumatic implant prophylaxis protocol in accordance with different rehabilitation modalities

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**Peri-Implant Disease Project (PIDP) Session**

Jörg Meyle (Germany)  
Philip Keeve (Germany)  
Stefan Renvert (Sweden)

**Time**: 11:30 – 12:30  
**Room**: Quebrada De Humahuaca  
**Language**: English / Translation: Spanish  
**CERP**: 1

The Peri-Implant Diseases Project (PIDP) is a partnership between FDI and the International Congress of Implantologists (ICOI) with the following objectives:

- Increasing global awareness of periodontal health (POH);
- Raising POH priority at a national level;
- Integrating oral and periodontal health into general health policies.

During this session, the four areas of the project will be presented:

- Identification of risk patients and selection of candidates for oral implants
- Selection of an implant, proper placement and restoration to limit risks for peri-implant disease
- Diagnosis, prevention and non-surgical management of peri-implant diseases
- Surgical treatment of peri-implantitis

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**Mid-Day Sessions (12:30 – 14:30)**

**Peri-Implant Disease Project (PIDP) Session**

Jörg Meyle (Germany)  
Philip Keeve (Germany)  
Stefan Renvert (Sweden)

**Time**: 11:30 – 12:30  
**Room**: Quebrada De Humahuaca  
**Language**: English / Translation: Spanish  
**CERP**: 1

The Peri-Implant Diseases Project (PIDP) is a partnership between FDI and the International Congress of Implantologists (ICOI) with the following objectives:

- Increasing global awareness of periodontal health (POH);
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- Integrating oral and periodontal health into general health policies.

During this session, the four areas of the project will be presented:

- Identification of risk patients and selection of candidates for oral implants
- Selection of an implant, proper placement and restoration to limit risks for peri-implant disease
- Diagnosis, prevention and non-surgical management of peri-implant diseases
- Surgical treatment of peri-implantitis
Abstract
Nowadays the oral rehabilitation using an implant-supported prosthesis is a common option of treatment in dentistry. However, in the same way as natural teeth dental implants may develop biological complications. Undoubtedly the oral biofilm may cause inflammation, infection, bone loss and pathologic peri-implant pockets. Thanks to the effective phenomenon of osseointegration, peri-implant mucositis and peri-implantitis can be masked and happen unnoticed. Many studies show an important relation between peri-implant and systemic diseases such as heart diseases, diabetes, rheumatoid arthritis, respiratory diseases and cancer. It is very important to establish a maintenance protocol to prevent implant mucositis and peri-implantitis.

Colgate Symposium
Contemporary Strategies for Dentin Hypersensitivity Management
Management of dentin hypersensitivity
Cassiano Kuchenbecker Rösing (Brazil)

Time : 12:30 – 14:30
Room : El Parmar
Language : English / Translation: Spanish
Chair : Cassiano Kuchenbecker Rösing (Brazil)
CERP : No

Dentin Hypersensitivity: Aspects of Interest for the Clinical Management by the Clinician
Cassiano Kuchenbecker Rösing (Brazil)

Learning Objectives
• Present epidemiological data of dentin hypersensitivity occurrence and risk factors worldwide
• Discuss etiological factors of dentin hypersensitivity and their implications in clinical approach
• Demonstrate the evidence supporting the use of fluoride varnish and arginine+calcium carbonate in the management of dentin hypersensitivity

Abstract
Dentin Hypersensitivity (DH) is a highly prevalent condition. It is caused by exposure of dentin. Epidemiological an etiological aspect of DH will be discussed. Among treatment strategies both in-office as well as home-based approaches are available. The use of fluoride varnish and professional application of arginine-calcium carbonate will be discussed as in-office approaches. The in-office approach has its clinical results enhanced when anti-hypersensitivity dentifrices are used. The use of arginine+calcium carbonate dentifrice is considered currently the gold-standard. The evidence of DH management and a protocol for clinicians in order to warrant success in the approach DH will be presented.
Workshop
Presentation of the Global Periodontal Health Project Chairside Guide
Li-Jian Jin
Stefan Renvert

Time: 13:00 – 14:00
Room: Nogal
Language: English
CERP: 1

A great opportunity to interact with FDI Experts on periodontics and to get practical recommendations on how to use the new FDI Chairside guides to support the management of patients in your dental practice.

Objectives of the guides:
• To support communication with patients
• To engage patients in improved home care
• To support dentists in making decisions according to risk factors and medical history

Meet The Expert Session
Are We Ready to Go Digital in Orthodontics?
Lars Christensen (United Kingdom)

Time: 13:00 – 14:00
Room: Meeting Room 5
Language: English
CERP: 1

Meet The Expert Session
Adhesive Dentistry
Marco Ferrari (Italy)

Time: 13:00 – 14:00
Room: Meeting Room 6
Language: English
CERP: 1
Afternoon Sessions (14:30 – 17:00)

Women Dentists Worldwide Forum – Part 2
Leading Technologies-Impact of Knowledge to Clinical Practice

Maria Pilar Martin Santiago (Spain)
Manami Sato (Japan)
Sevil Gurgan (Turkey)
Asha Samant (USA)
Irina Filipovic Zore (Croatia)

Time: 14:15 - 16:45
Room: Glaciar Perito Moreno
Language: English
Chair: Joharia Azhar (Pakistan)
CERP: 2.5

Breastfeeding and laser in Pediatric Dentistry
Maria Pilar Martin Santiago (Spain)

Learning Objectives
Positioning dentists as the professionals who have the knowledge about the mouth at any age, and thus, being able to work in collaboration with pediatricians and other professionals such as speech therapists and experts in breastfeeding. We should address in a special way the frenulum in newborns and the problems they cause in suction and the posterior craniofacial developments.

Abstract
We review the importance of oral frenums, from a functional and structural point of view during breastfeeding, and in the orofacial development. We present a protocol to define when to operate a frenum in a nursing infant with the help of laser technology and the most appropriate parameters to achieve a minimally invasive surgery.

Materials and methods
Erbium laser and protocol of study

Results
The results show that laser technology is a fast and simple way, without any significant side effect

Discussion
We evaluate our results and conclusions, taking into account the points made by other authors in this regard.

Dental care and oral health for achieving healthy longevity in an aging society
Manami Sato (Japan)

Learning Objectives
Following the extension of average life expectancy, its discrepancy from the healthy life expectancy has been recognized as a society-wide problem in Japan. How dentistry can contribute to this issue is discussed from the viewpoint of a female dentist and director of Japan Dental Association.
Abstract
Japan Dental Association has been working on prevention of NCDs and frailty to increase healthy life expectancy, with a goal to enable all citizens to enjoy being able to chew and speak over their entire lifetime. As a front-runner of super-aging societies, stakeholders including clinical practice, academia, and public sector, etc. are working together to achieve this goal. The presentation introduces various activities in this effort.

**Tooth bleaching and its undesirable effects**
Sevil Gurgan (Turkey)

**Learning Objectives**
Clinicians will be able to:
- Have an idea about current bleaching materials and systems,
- Understand common side effects of bleaching agents and how to manage tooth sensitivity

**Abstract**
Tooth bleaching is one of the most conservative and cost-effective dental treatments to improve or enhance a person’s smile. Today the importance of bleaching for patients and consumers has seen a dramatic rise in the number of tooth bleaching products and procedures. However, tooth bleaching is not risk-free and controversy concerning its safety has continued. This presentation will review and discuss the new trends in bleaching and effects of bleaching on tooth structures, oral mucosa, and major categories of dental restorative materials and provide evidence-based recommendations to the clinicians.

**Treatment Care of 21st Century with implants, giving Quality of Life**
Asha Samant (USA)

**Abstract**
Partially edentulous patients are frequently most challenging restorative patients in clinical practice. There is a myriad of treatments based upon number and location of remaining teeth. Advances in technology have given new options for treatment, using implants. Implants is the big turmoil of the century to improve their functions and quality of Life. The options will be presented showing live cases.

**The usefulness of plasma rich Fibrin (i-PRF) in the treatment of TMD painful conditions**
Irina Filipovic Zore (Croatia)

**Learning Objectives**
Aims of the lecture will be to assess the impact of intraarticular PRF injections on chronic painful symptoms and on mandibular range motion in patients with chronic TMD diagnosis.

**Abstract**
Biological therapy for osteoarthritis, such as platelet-rich plasma (PRP) or fibrin (PRF) has been proposed to improve clinical and structural outcomes by delivering a high concentration of growth factors (GF) that mediate healing and remodeling with excellent short-term effects, improvement of a quality of life and with favourable results on degenerative cartilage lesions. Intra-articular disc derangements, arthritis and arthrosis can be sometimes resistant to conventional treatments (occlusal splint, exercise, pharmacotherapy). However, injection of a PRF rich in GF could be useful in healing of degenerative intra-articular
Hot Topic Session
Digital Dentistry - CAD/CAM
Roland Frankenberger (Germany)
Paulo Kano (Brazil)
Marco Ferrari (Italy)
Kazuyoshi Baba (Japan)

Time: 14:30 – 17:00
Room: Cataratas Del Iguazu
Language: English / Translation: Spanish
Chair: Hande Sar Sancakti (Turkey)
CERP: 2.5

CAD/CAM with Cerec – Experiences over 25 years
Roland Frankenberger (Germany)

Learning Objectives
Benefits and disadvantages of chairside CAD/CAM- Clinical fundamentals for success with Cerec- Long-term studies over 25 years

Abstract
Cerec was a restorative revolution when it was introduced to the market. However, the majority of dentists were skeptical due to very low accuracy of the system in the very beginning, bringing into question whether this kind of marginal fit could give good long-term clinical results. On the other hand, milling of industrially manufactured ceramic blocks may be favourable due to missing voids and technical flaws. Today after more than 25 years of experience, the results are clear. Chairside CAD/CAM restorations are evaluated excellently in the literature in the field. But fundamental prerequisites for success remained the same since then.

Digital Dentistry
Paulo Kano (Brazil)

Learning Objectives
The importance of replicating dental morphology to achieve functional and aesthetic outcomes.

Abstract
Clones is a concept that involves techniques that make possible the natural and predictable recreation of the dental morphology. This innovative workflow is a set of protocols developed by Dr. Paulo Kano. It includes mockups, photos, videos, digital planning, flapless surgery, dental preparation, scanning, staining, cementation and occlusion adjustment.
How to use intra-oral scanners (IOS) in a safe modality: clinical degrees of difficulties
Marco Ferrari (Italy)

Learning Objectives
To know how to approach different clinical cases according to difficulty- To know anatomical confounding factors that can affect the quality of IOS impressions- To know how IOS software works and can ‘help’ clinicians- To know about the ‘learning curve’ for using ios

Abstract
In the last ten years IOS and chairside devices have become more and more popular among dentists. Many companies are now producing IOS and the marketing offer is now wide. Many dentists would like to begin using digital dentistry, IOS and chairside devices but often postpone buying them to wait for better and easier-to-use technology and lower costs. However, in the literature, many articles are published on digital dentistry, mainly on basic science evaluations of IOS, and only few are RCTs. Clinically the dentist must know that limitations on taking an impression with IOS can be due to anatomical confounding and how the learning curve can be important in making high-quality standardized impressions. Also, the software of the existing scanners are ‘adjusting’ the shots and clinicians need to know how they work.

Current status and future prospective of digital dentistry
Kazuyoshi Baba (Japan)

Learning Objectives
Understand change in the clinical workflow of implant and prosthetic dentistry- Understand the latest advancements of digital impression and their merits and impact on clinical dentistry- Understand advanced dental materials

Abstract
The introduction of advanced digital technology into dental practice had significant impact on dental practice. CAD/CAM-based fabrication of the restorations have already become indispensable for prosthetic treatments and digital oral scanning technology has expanding popularity in the market due to its advantages over traditional methods. The lecture will cover the latest advancements in digital dentistry as well as related newly developed dental materials, and discuss their impact on the prosthetic treatment workflow and future prospective of digital dentistry.
The Relationship of Oral Disease to the Metabolic Syndrome and Obesity
Ira Lamster (United States of America)

Time: 14:30 – 15:30
Room: Lago Nahuel Huapi
Language: English / Translation: Spanish
Chair: Hiroyuki Hirano (Japan)
CERP: 1

Learning Objectives
• Increase understanding of the relationship between obesity and oral disease.
• Become familiar with the components of the metabolic syndrome.
• Discuss the potential role of oral health care providers in addressing the obesity epidemic.

Abstract
Obesity is one of the great health challenges of the developed and developing worlds. Health concerns associated with obesity include increased prevalence of type 2 diabetes mellitus, hypertension, cardiovascular disease and certain malignancies. Obesity is an important component of the metabolic syndrome and is associated with a number of oral diseases and disorders, including periodontal disease, dental caries, altered tooth eruption, reduced masticating efficiency and sleep apnea. Oral health providers have the opportunity to impact the obesity epidemic by framing oral health promotion messages in the context of healthy diet, which can reduce dental caries as well as promote weight loss.

Dealing with Endodontic Pain: Evidence-Based Choices
Daniel Chavarria Bolaños (Costa Rica)

Time: 14:30 – 15:30
Room: Valle De La Luna
Language: Spanish
Chair: Cecilia Boetto (Argentina)
CERP: 1

Learning Objectives
• To discuss the possible differential diagnosis of dental pain
• To present an overview of the available pharmacological tools to manage endodontic pain
• To present current protocols for the management of acute endodontic pain (i.e. multimodal analgesia, preventive analgesia)

Abstract
Pain management is a daily concern of every dental practitioner, especially when pain originates from pulpal or periapical tissue. Thus, it is essential for clinicians to understand the current state of the art on how to overcome this challenge, following the best evidence available. This conference will present some of the actual clinical and pharmacological protocols to successfully treat pain of endodontic origin.
**Pedodontics Session**
Zoraida Caballero (Paraguay)
Sylvia Gudiño (Costa Rica)

- **Time**: 14:30 – 15:30
- **Room**: Quebrada De Humahuaca
- **Language**: Spanish / Translation: English
- **Chair**: Carla Masoli (Argentina)
- **CERP**: 1

**Oral Characteristics in Patients with Gluten Intolerance**
Zoraida Caballero (Paraguay)

**Learning Objectives**
- To know dental characteristics
- To perform differential diagnosis
- To identify products that can be used in the daily clinic

**Abstract**
Celiac disease is a disorder produced by a genetic alteration at the level of chromosome 14; but for the disease to manifest itself, the hereditary factor and the consumption of toxic proteins that are presented in some foods must be presented simultaneously. Knowing the oral characteristics in carriers of this pathology turns out to be a challenge, as well as to determine signs presented in the dental pieces, and to discriminate from other pathological situations that may be responsible for these anomalies. Identify these characteristics and be able to refer the specialist to a new challenge for dentistry

**The ABC of Modern Cariology Available for All Clinicians**
Sylvia Gudiño (Costa Rica)

**Learning Objectives**
- Update the dentist in the most contemporary conception of the disease that he treats daily
- Describe the main elements that need to be known to be able to perform an excellent clinical and radiographic diagnosis
- Professional orientation in making clinical treatment decisions.

**Abstract**
During the last decades, the restorative sciences have undergone great advances, among which the transformation of the concept of extension by prevention by minimal invasion and intervention without invasion. However, in the day-to-day, a biased clinical approach still prevails, in which the old criterion of restoring each diseased tooth remains in an individualized way, and not that of providing an integral and multifactorial treatment to the patient according to their risk condition. Modernizing dentistry does not mean changing one product or technique for another; But to understand the complexity of the dental cavities process and to learn to make a comprehensive diagnosis that not only correctly classifies all the lesions but also make the best therapeutic decisions.
Public Health Committee/Chief Dental Officers Forum
Tooth Loss, How to Handle It? A Public Health Perspective

Shlomo Zusman (Israel)
Nico H.J. Creugers (Netherlands)
Marshall Gallant (USA)
Sophie Dartevelle (France)

Time: 14:30 – 17:00
Room: Ceibo C
Language: English
Chair: Shlomo Zusman (Israel)
CERP: 2.5

Introduction and Main Reasons for Tooth Loss
Shlomo Zusman (Israel)

Managing Partial Dentitions Minimal Invasively
Nico H.J. Creugers (Netherlands)

Learning Objectives
To gain knowledge and apply evidence related to socio dental management of partial edentulism

Abstract
The shortened dental arch concept is a treatment strategy for reduced dentitions that aims to preserve the anterior teeth and premolars without complex and costly restorative treatment of molars and without extending shortened dental arches with distal-extension removable dental prostheses. The shortened dental arch concept is a potentially cost-effective approach in the management of reduced dentitions. This concept is globally accepted, but not widely practiced. A body of mainly circumstantial evidence shows that shortened dental arches may provide a stable and functional dentition with respect to chewing ability, aesthetics and oral comfort.

Surgical Management of Tooth Loss and Bone Preservation
Utilizing Dental Implants and Osseous Regenerative Techniques
Marshall Gallant (United States of America)

Learning Objectives
• Rationale for the placement of implants for implant retained restorations and dentures
• Rationale for socket preservation and ridge augmentation for bone maintenance and loss prevention
• Long-term benefits of dental implants for bone preservation
• Long-term negative consequences of conventional dentures and conventional restorations without implementation of bone preservation techniques
Abstract
Loss of the alveolar bone after tooth loss can have long-term negative consequences for the oral health of the patient. Use of only conventional restorative techniques coupled with increase in life expectancy can lead to situations in which conventional dentures and other restorations can no longer be utilized by the patient.
Modern techniques of implants and osseous regeneration can prevent bone loss and allow for long-term use of dentures and other restorative implements.

Evidence-Based Measures for Keeping Mutilated and Rehabilitated Dentitions Healthy and Preventing Further Tooth Loss
Sophie Dartevelle (France)

Learning Objectives
To have knowledge about the strategies that must be implemented in order to create supportive environments for advancing oral health and well-being

Abstract
Prevention of oral disease and maintenance of oral health contributes to the systemic health, well-being and quality of life of older adults. Oral care must be tailored to the needs and level of dependency of older adults through the use of evidence-based approaches including appropriate assessment, effective prevention, choice of treatment and inter-professional collaboration.
THE Oral Health Observatory

uses a mobile App to collect data in dental practices and develop knowledge on oral health and dental care worldwide.

Visit the webpage to request an account and start collecting data in your own practice!

Learn more at the symposium

Thursday 6 September
14:30–15:30
Room Nogal

Find out more
www.fdiworlddental.org/oral-health-observatory

Oral Health Observatory is supported by GSK
**Oral Health Observatory Symposium**

David M. Williams (United Kingdom)
José Ibarra (Switzerland)
Michael Sereny (Germany)

**Time**: 14:30 – 15:30  
**Room**: Nogal  
**Language**: English  
**CERP**: 1

**Abstract**

The OHO is creating a dataset that can serve as grounds for advocacy at national and international level. Using the OHO app, standardized data from several countries is collected on patients’ and dentists’ perceptions of patients’ oral health and its impact on their quality of life, dental visiting habits, oral health behaviours, and oral health status.

The OHO symposium will give an overview of the OHO, its objectives, methodology and its alignment with FDI Vision 2020 on Oral Health.

**Learning Objectives**

• Give an overview of the OHO to the participants that do not know it well yet and incite potential NDAs to join  
• Give an update on the status of the project in terms of project conception and implementation

**The Oral Health Observatory as a means to achieve FDI Vision 2020**

David M. Williams (United Kingdom)

**OHO roll out: use of the OHO app and methodology for practice and patient selection**

José Ibarra (Switzerland)

**Update on project roll-out**

Michael Sereny (Germany)

**Curaden Symposium Part 2**

**Touch to Teach**

**Hands-On Preventive Session 1**

Carla Liliana Masoli (Argentina)  
Alejandra Villegas (Argentina)

**Time**: 14:30 - 15:30  
**Room**: Meeting Room 6  
**Language**: Spanish  
**CERP**: No

**Learning Objectives**

• How to use your head, not just your muscles, to clean  
• Theoretically and practically  
• How to apply the iTOP prophylaxis approach to yourself, your family and your patients  
• Understanding the patient’s perspective and the implementation of oral prevention routines
Abstract
In Touch to Teach, participants will work in small groups to assess preventive measurements from a patient’s perspective using four different tools. Each participant will be able to enjoy practical and individual training with a certified iTOP Instructor. This will allow their techniques to be corrected and their questions to be answered. The capacity of each workshop will be 30 participants. Each workshop will have a duration of approximately two hours.

Innovation and Opportunities for a Routine Practice
Stephane Simon (France)

Time: 16:00 – 17:00
Room: Lago Nahuel Huapi
Language: English / Translation: Spanish
Chair: Georgette Arce Brison (Argentina)
CERP: 1

Learning Objectives
- To understand how innovation can improve the outcome of endodontic treatments
- To understand that innovation are not only related to material but also to concepts.

Abstract
Endodontics in the past two decades has been characterized by the evolution of technologies and devices for shaping, disinfection and filling of the root canal system. These technologies are still in a constant evolution and new alloys have recently even improved the efficiency and safety of instrumentation. Bioceramics, on their turn, have completely changed the concept of root canal filling.

National Program For the Promotion of Health and the Prevention of Oral Diseases
Maria De Los Angeles Herrera (Argentina)

Time: 16:00 - 17:00
Room: Valle De La Luna
Language: Spanish
Chair: Silvina Gonzalez Sanchez (Argentina)
CERP: 1

Learning Objectives
- Promote activities of health promotion and prevention of prevalent oral diseases
- Identify vulnerable groups, conditioning factors and oral health problems of the different communities of the country
- Socialize experiences and disseminate results of our oral health program developed in Argentina
Abstract
The National Prevention Program of the National Commission of Prevention-CORA is in force for 22 years, generates actions to promote health and prevention of oral diseases prevalent in the Argentine population. It is developed in school and community spaces promoting self-care and the best quality of life.
It is a work that is articulated with state and private organizations and organizations of the community.
This program is based on the right to health and involves children, their families and the educational community through teachers who receive tools to work on oral health.

Comparative Analysis of Dental Care System Around the World
Marko Vujicic (United States of America)

Time : 16:00 – 17:00
Room : Quebrada De Humahuaca
Language : English / Translation: Spanish
Chair : Enriquez Carolina (Argentina)
CERP : 1

Learning Objectives
• Describe a new data set compiled by the ADA Health Policy Institute that links WorldBank, OECD, WHO, and Global Burden of Disease data on oral health care systems.
• Compare various oral health outcomes (e.g. burden of disease, DMFT, edentulism) and dental care system measures (e.g. total dental spending, number of dental care providers, dental care utilization) for all countries around the world where data are available.
• Identify basic measures of dental care system performance and compare countries across these measures (e.g. burden of disease in excess of what is predicted by GDP and dental care spending).

Abstract
The ADA Health Policy Institute has compiled and linked various international data sets that contain information on oral health outcomes and metrics on dental care systems. Data sources include the WorldBank, OECD Health Data, WHO and the Global Burden of Disease project. This lecture will present preliminary descriptive analysis and will outline future research led by HPI. The ideas is to have a brainstorming with the attendees to seek input on specific analyses the international policy community would find useful. This will be an interactive dialogue.
Biological Clinical Early Wound Healing Mechanisms of Periodontal and Peri-Implant Soft Tissues
Andrea Pilloni (Italy)

Time: 16:00 – 17:00
Room: El Parmar
Language: English / Translation: Spanish
Chair: Marzena Dominiak (Poland)
CERP: 1

Learning Objective
Presentation will explain how:
• to understand periodontal soft tissue’s new biology
• techniques and biomaterials interact and
• eventually become periodontal new attachment.

Abstract
Periodontal wound healing is based on a series of biological and cellular events that drive the soft and hard tissues to a clinical final result, of reparative or regenerative nature. The soft tissues, epithelium and gingival connective tissue, when considered alone, seem to possess peculiar characteristics. They play a role of high specialization in that, as a result of injury, they need to achieve the outcome of healing as quickly as possible in order to ensure the deep tissues (bone and cementum) to better reach the major objective for the clinician, i.e. the gain of attachment.

Curaden Symposium Part 2
Touch to Teach
Hands-On Preventive Session 2
Carla Iliana Masoli (Argentina)
Alejandra Villegas (Argentina)

Time: 16:00 - 17:00
Room: Meeting Room 6
Language: Spanish
CERP: No

Learning Objectives
• How to use your head, not just your muscles, to clean
• Theoretically and practically
• How to apply the iTOP prophylaxis approach to yourself, your family and your patients
• Understanding the patient’s perspective and the implementation of oral prevention routines

Abstract
In Touch to Teach, participants will work in small groups to assess preventive measurements from a patient’s perspective using four different tools. Each participant will be able to enjoy practical and individual training with a certified iTOP Instructor. This will allow their techniques to be corrected and their questions to be answered. The capacity of each workshop will be 30 participants. Each workshop will have a duration of approximately two hours.
**Local Anesthetic and Analgesic Drugs In Dentistry**

Monika Daublaender (Germany)

**Time:** 17:15 - 18:15  
**Room:** Cataratas Del Iguazu  
**Language:** English / Translation: Spanish  
**Chair:** Subramoniam Muthiah Balaji (Seychelles)  
**CERP:** 1

**Learning Objectives**
- Selection of local anesthetic and vasoconstrictor according to risk factors of the patient and planned treatment.
- Safe and effective analgesia for acute and postoperative dental pain.
- Use of co-analgesic drugs for chronic pain.

**Abstract**
Local anaesthesia is crucial for pain management in dentistry. A differentiated use of the drugs is recommended. The dose of the drug should be calculated with respect to the body weight of the patient and the concomitant diseases. Serious complications are intoxication because of overdosage and allergic reactions. Because of the vasodilating effect of the local anaesthetics vasoconstrictors are added to the dental formulations. The gold standard is epinephrine. To reduce side effect the lowest possible dose should be used. Non-steroidal anti-inflammatory drugs are adequate for acute and postoperative pain. Anticonvulsant and tricyclic antidepressant drugs are used as co-analgesics.

**The Illusion of Stability in the Face of the Problem of Recurrence**

Jose Carlos Elgoyhen (Argentina)

**Time:** 17:15 - 18:15  
**Room:** Lago Nahuel Huapi  
**Language:** Spanish / Translation: English  
**Chair:** Graciela Bonfanti (Moderator)  
**CERP:** 1

**Learning Objectives**
Discuss the state of the art on short and long term post orthodontic treatment stability

**Abstract**
Technological progress and research have developed new therapeutic resources. New treatment methods aim to increase stability, promote arch development, and bone adaptation, but still many cases suffer some degree of posttreatment relapse one of the main problems after orthodontic treatment. The question is, has the tremendous technological progress really improved stability expectations in orthodontics?
New Concepts In Digital Dentistry
Gustavo Javier Vernazza (Argentina)

Time: 17:15 - 18:15
Room: Valle De La Luna
Language: Spanish
Chair: Lorenzo Novero (Argentina)
CERP: 1

Learning Objectives
• To provide dentists with knowledge about the advances of technology that nowadays are present in prosthetic dentistry
• Intraoral Scan
• Aesthetics Analysis

Abstract
Get to know the tools to face an oral rehabilitation treatment, given the modifications that digital technology has introduced in dentistry. Modify the organization of an oral rehabilitation taking into account the different techniques to determine the correct size of the teeth. Mock Up Intraoral Scan DSD Aesthetics analysis. The correct position of the teeth. A fluent communication with the dental laboratory. Work protocol, planning of cases according to technology.

From Knowledge to Action In The Oral Health Field. Analyzing Trends, Challenges and Opportunities
Noemi Bordoni (Argentina)

Time: 17:15 - 18:15
Room: Quebrada De Humahuaca
Language: Spanish / Translation: English
Chair: Jose Ignacio Catania (Argentina)
CERP: 1

Learning Objectives
• Identify trends in evidence-based health sciences as a theoretical-methodological framework.
• Recognize conflicts in the context that hinder the transfer of knowledge to political-health decision-making.
• Analyze alternative trajectories of translational research as a relevant strategy for action.
• Determine the clinical and social impact of different experiences in urban and rural contexts.

Abstract
The reflection on new knowledge has placed on the agenda of universities and health systems the need to incorporate:
• The articulation between oral and general health problems;
• The life cycle as an instance of individual application of knowledge and the diversity of contexts as collective scenarios;
• Translational research in its dual function: as a generator of knowledge and as a strategy for its application;
• The evaluation of the social impact of research and of training of human resources.
Various urban and rural experiences installed from this perspective allow to achieve: (a) significant reconversion of indicators of prevalent oral diseases, (b) good cost-effectiveness and (c) sustainability over time.

Periodontics Session
Rodrigo Esteban De Nardo (Argentina)
Vilma Alejandra Umanzor Bonilla (Honduras)

Time : 17:15 - 18:15
Room : El Palmar
Language : Spanish / Translation: English
Chair : Maria Marta Fernandez (Argentina)
CERP : 1

Strategies In Periodontal Surgery to Achieve Predictable Aesthetics
Rodrigo Esteban De Nardo (Argentina)

Learning Objectives
Provide knowledge in Periodontal Plastic Surgery of clinical application for the general dentist.

Abstract
Current dentistry has an interdisciplinary approach, with Periodontics being a very important discipline at present, considering it as a fundamental pillar in current aesthetic treatments, not only bringing periodontal tissues to health and aesthetics before beginning any additional treatment, but also promote and execute periodontal maintenance. The conference will basically touch on issues related to the surgical treatment of gum excess and deficit, in this way achieving a fundamental contribution of Periodontics to the overall aesthetic.

Treatment of Gingival Recession Associated with Non-Carious Cervical Lesions
Vilma Alejandra Umanzor Bonilla (Honduras)

Learning Objectives
Distinguish non-carious cervical lesions from gingival recession and establish the ideal treatment plan.

Abstract
One of the main reasons that motivate the patient to search for dental care are gingival recessions. Gingival recession is the apical migration of the gingival margin beyond the cemento-enamel junction and causes hypersensitivity and aesthetic concerns for the patient. In many situations, recessions are combined with loss of tooth structure at the cement-enamel junction which may complicate diagnosis. Non carious cervical lesions and gingival recessions may be present at the same time and require the need for a combined periodontal and restorative approach to achieve treatment success and patient satisfaction.
Discover Dentistry with *Dental News*

Pakistan’s No 1 Dental Periodical
Toothie is the promoter of good oral health practices among children. In every video, Toothie motivates children to play an active role in their own oral care and ensures that good oral hygiene is practiced across the different age groups. Toothie is also a friend to parents who may be looking for advice on how to care for their children's oral health.

www.fdiworlddental.org/mouth-patrol
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<th>Time</th>
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<td>09:00-11:00</td>
<td>Principle-Centered Treatment Planning of Complex Cases</td>
<td>Nõelia P. Lang</td>
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<td>11:30-12:30</td>
<td>Ideal Preparation and Adhesive Luting Techniques for CAD/CAM Inlays and Partial Crowns</td>
<td>Raoul Frankenstein</td>
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<td>12:30-14:30</td>
<td>YEAR-IN-REVIEW Anesthesia &amp; Pharmacology</td>
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<td>13:30-15:30</td>
<td>Oral Surgery Road Map In 2B: Evidence-Based Management and Clinical Concerns</td>
<td>Ziad F. Hourani</td>
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<td>Prevention Early Diagnosis of Caries Disease: It Makes a Difference</td>
<td>Esperanza Cerón</td>
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<td>16:00-17:00</td>
<td>Local Drug Delivery Systems (EDD) in Dentistry and Oral Medicine</td>
<td>Daniel Chavarria Bologs</td>
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Buenos Aires, Argentina
5-8 September 2018
### 07.09.2018, Friday

**FDI-WHO-NCDA Session**
Cutting the Sugar Rush: Tackling oral diseases and other NCDs through a unified approach

FDI-WHO joint session

Evaluating Economic and Social Impacts of Integrated NCD-Dental Strategies
Targeting Sugar Consumption

**Stefan Listl**
Comprehensive Policy Development and Implementation: Good practice from Argentina to improve oral health and address NCDs

**Veronica Schij**
Overcoming Industry Interference: Reaching Public Awareness to Reduce Sugar Intake

**Marta Youth**
Sandvik Saksar
Policy measures to promote the reduction of free sugars intake

**Benoit Varone**

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<td>Glacier Porto Moreno</td>
<td>09:00-11:00</td>
<td>Dynamic Smile Analysis, Tooth Size Selection and The Sense For Esthetics: How to Integrate Them in the New Digital Era? Edoardo Moini</td>
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<td>New Challenges in Aesthetics: “Whitening, Aesthetic and Integrated Rehabilitation” Sargs Kohen</td>
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<td>16:00-17:00</td>
<td>Oral Rehabilitation in The Digital Era Gennan Albertini</td>
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<td>Orthodontics and Periodontics: The Perfect Match Julia Harfin</td>
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### Schedule

**07.09.2018, Friday**

- **09:00-11:00**
  - Dynamic Smile Analysis, Tooth Size Selection and The Sense For Esthetics: How to Integrate Them in the New Digital Era? Edoardo Moini
  - New Challenges in Aesthetics: “Whitening, Aesthetic and Integrated Rehabilitation” Sargs Kohen

- **11:00-13:30**
  - Lunch Break

- **13:30-15:30**
  - Orthodontics and Periodontics: The Perfect Match? Julia Harfin

- **15:30-16:00**
  - Break

- **16:00-17:00**
  - Oral Rehabilitation in The Digital Era Gennan Albertini
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**07 September, Friday**

- **09:00-11:00**

- **11:00-13:30**
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- **13:30-15:30**
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- **15:30-16:00**
  - Break

- **16:00-17:00**
  - Oral Rehabilitation in The Digital Era Gennan Albertini
  - Oral Rehabilitation in The Digital Era Diego Bechelli
**Principle-Centered Treatment Planning of Complex Cases**

Niklaus P. Lang (Switzerland)

- **Time**: 09:00 – 11:00
- **Room**: Cataratas Del Iguazu
- **Language**: English / Translation: Spanish
- **Chair**: William Cheung (Hong Kong SAR China)
- **CERP**: 2

**Learning Objective**
- Performance of a pretherapeutic prognosis of the dentition
- Strictly following a treatment sequence
- Reconstructing the dentition on a periodontally and endodontically sound foundation
- Considering oral diseases as opportunistic infections

**Abstract**

Treatment planning of comprehensive and complex cases requires a number of principles to strictly follow to reach an optimal treatment goal. In order to define such a goal, the first habit of being proactive requires the definition of a mission statement: This means that the treatment should satisfy the patient’s needs for esthetics and function ... under healthy conditions. Utilizing the third habit of first things first means for the treatment plan to first determine a single-tooth pretherapeutic prognosis by asking the following three questions: Which teeth or roots 1) have a secure prognosis? 2) have a doubtful prognosis? or 3) are irrational to treat? With this concept, treatment planning will be guided by a pretherapeutic risk assessment of every single tooth. Moreover, the degree of therapy needed is known from the start.

**Dental Imaging Session**

Hugo Dagum (Argentina)
Diego Ferrari (Argentina)

- **Time**: 09:00 – 11:00
- **Room**: Lago Nahuel Huapi
- **Language**: Spanish / Translation: English
- **Chair**: Sergio Nuñez Santos (Argentina)
- **CERP**: 2

**State of the Art & Applications of Cone Beam Computed Tomography**

Hugo Dagum (Argentina)

**Learning Objective**
To know the actual situation and potentialities of CBCT.

**Abstract**

CBCT has 20 years old. In this period the development of this technique and its applications was very high and innovative. We will see how it has changed and all the progress it has experienced.
Diego Ferrari (Argentina)

Learning Objective
• Importance of the Computed Tomography in the dental diagnostic
• Knowledge of different software to vinculate computer tomography's with STL files
• Importance of these new technologies to incorporate biological and prosthetics criteria in implant surgeries
• Direct Relation between prosthetic planning and implant position in high exigency aesthetic and functional areas
• Importance of the CT scan in the alveolar ridge research

Abstract
In the last few years there had been multiple advances in dental medicine, this advances had come with new functional, aesthetic and time reduction demands from our patients. To face this demands odontology offers new materials, renovated implant designs, advanced software and new integration criteria. During the hole odontology history, it had been very difficult to accomplish previous plantings with real surgeries with our patients. With the introduction of Digital Work Flow we are achieving the integration of tomographic images, STL files, surgical and prosthetic design. All these tools allow us to face our patients demands with medical criteria.

Orthodontics Session
Oscar Palmas (Argentina)
Mariana Sabas (Argentina)
David Saldivas (Argentina)

Time : 09:00 – 11:00
Room : Valle De La Luna
Language : Spanish
Chair : Ivana Colliva
CERP : 2

Vertical Control In Orthodontics
Oscar Palmas (Argentina)

Learning Objective
The objective of this lecture is the demonstration of the aesthetic, occlusal and temporomandibular joint benefits using vertical control.

Abstract
The orthodontist that considers an orthodontic treatment and has a goal: functional occlusion with positioned condyles in centric relation must diagnose, plan and treat a patient using instrumentation (articulator). There is no way to see how two arches occlude if they are not related to the skull. TMJ deserves a primary and complementary study because its condition will change with treatment. The importance of getting an adequate anterior guidance will bring aesthetical and functional benefits and will be more healthy and stable if obtained by a mandibular selfrotation through vertical control performing.
Orthodontic and Surgical Planning in Patients with Craniofacial Malformations: When, How and Why?
Mariana Sabas (Argentina)

Learning Objectives
• To identify the most usual craniofacial malformation.
• To determine orthodontics phases over time from childhood to skeletal maturity.
• To find the best way without overtreating. To optimize the sequence of treatment.

Abstract
Different cases treated from birth to adulthood with craniofacial malformations-cleft lip and palate, cranyosinostosis syndromes, micrognatias and hemifacial mcosomia- will be presented for a better understanding of this challenging treatments.

Happiness can not Wait
David Saldias (Argentina)

Learning Objectives
• To consider the viability of these new protocols
• The integration of all the dental specialties
• At the end people will be able to consider the surgery first protocols as a valuable tool.

Abstract
The new protocols, using the surgery first model have demonstrated in the world literature a lot of benefits. Some of those are the shortening of the global treatment length, use the accelerated cellular metabolisms. As well as to handle the anxiety of the patient and the treating team. We will present a case series in our experience using these surgery first protocols, discussing the pearls and pitfalls, of the treatment and planning comparatively with the classical protocols.

To Pull or Not to Pull: Periapical Surgery vs. Implant Surgery
Daniel Pompa (United States of America)

Time : 09:00 – 11:00
Room : Quebrada De Humahuaca
Language : English / Translation: Spanish
Chair : Federico Braun (Argentina)
CERP : 2

Learning Objective
• Learn the radiographic technique to use when evaluating a tooth for a fracture.
• List the 7-step work-up, consisting of procedures and tests that should be used when performing or referring a patient for an apicoectomy.
• Understand the principles of guided tissue regeneration, and know the indications and contraindications for its use.
• Recognize how the location of a sinus tract can be a key critical diagnostic indicator for the final prognosis.
• Identify the signs to differentiate between an Endo/Perio vs. Perio/Endo lesions and understand the difference as it relates to the final prognosis.
Abstract
What alternative treatment options should be considered when a restorative and/or endodontic failure occurs? Advancements in delivering periapical surgery have resulted in success rates that can be equivalent to implant replacement when certain guidelines are adhered to. Periapical surgery as an adjunct to endodontic treatment is a proven approach. With the introduction of new surgical techniques and a systematic method to the diagnosis and treatment of compromised teeth, the clinician should be able to more accurately determine the long-term prognosis for these treatment options. Evaluate treatment options with an evidence-based approach when a tooth is ailing or failing. This course will describe the indications and contraindications for performing or referring a patient for apical surgery. With a specific 7 step workup, including a correct history, radiographic and clinical evaluation, the decision to perform an apicoectomy will be weighed against further evaluation, a re-treatment option, or extraction and replacement with an implant (immediate or delayed). As a result, a decision is more accurately made as to whether an implant or a fixed bridge (fixed partial prosthesis), a removable prosthesis (fixed or transitional temporary prosthesis), or other options would be the final treatment plan discussed with the patient.

Academy of Osseointegration Symposium
Optimizing care and managing complications
Mauricio Araujo (Brazil)
Roberto Blanco III (Argentina)
Alejandro Lanis (Chile)

Biological failures in implant dentistry
Mauricio Araujo (Brazil)

Learning Objectives
• Describe the clinical features of mucositis and peri-implantitis
• Describe the prevalence, extension and severity of peri-implant diseases
• Discuss the effect of influence of the peri-implant keratinized mucosa on marginal bone level, peri-implant tissue health and brushing discomfort
• Discuss the influence of the lack of plaque control accessibility at the implant
• Supported prosthesis on marginal bone level and peri-implant tissue health

Abstract
The most common biological failures are mucositis and peri-implantitis. Mucositis is described as an inflammatory reaction of the soft tissues surrounding an implant, while peri-implantitis is characterized by inflammatory response associated with the loss of supporting bone around the implant in function. The prevention and treatment of these conditions are a challenge for current implant dentistry. Thus, the aim of this presentation will be to describe new studies on the extension, prevalence and severity of peri-implant diseases and the influence of the peri-implant keratinized mucosa and lack of plaque control accessibility at the implant-supported prosthesis on marginal bone level and peri-implant tissue health.
Prevention and resolution of complications related to alveolar reconstruction
Roberto Blanco III (Argentina)

Learning Objectives
Upon completion of this presentation, participants will be able to:
• Outline current alveolar ridge reconstruction and preservation procedures
• Describe the preoperative considerations to avoid complications
• Analyze the intraoperative procedures that could prevent complications
• Describe protocols for the management of immediate and mediate complications
• Examine case studies of different complexity levels

Abstract
Nowadays the use of osseointegrated implants to replace missing teeth is routine practice for general dentists. Frequently, the area for implant placement is unsuitable for aesthetic, functional or structural reasons, requiring the reconstruction or preservation of the alveolar ridge. Various surgical techniques and biomaterials have been developed and are available for this purpose. However, these are not exempt from risks inherent to any surgical practice and complications specific to this procedure. The prevention and management/resolution of such complications constitute a priority and a challenge to be faced. During this presentation, a broad overview of current alveolar ridge reconstruction and preservation procedures will be outlined. In addition, the complications that may arise will be identified, and methods to avoid and manage such complications will be proposed.

Optimizing dental implant treatment through digital planning and guided execution
Alejandro Lanis (Chile)

Learning Objectives
• Learn different digital planning pathways depending on the clinical scenario for computer guided implant surgery
• Understand the different kind of digital files that are required to perform adequate digital planning.
• The advantages of computer guided implant surgery and digital prosthodontics to optimize the clinical procedure.

Abstract
The incorporation of virtual engineering into our profession and the digitalization of information afford new perspectives and innovative alternatives for dental treatment modalities. The use of computer–guided implant planning software allows the radiographic, prosthetic, surgical and laboratory fields to be combined under a common virtual scenario, permitting an optimization of the complete surgical-restorative process.
Aesthetics Session
Eduardo Mahn (Chile)
Sergio Kohen (Argentina)

Time: 09:00 – 11:00
Room: Glaciar Perito Moreno
Language: Spanish
Chair: Carlos Platero (Argentina)
CERP: 2

Dynamic Smile Analysis, Tooth Form Selection and The Sense For Esthetics. How to Integrate Them in the New Digital Era?
Eduardo Mahn (Chile)

Learning Objectives
• The participants will learn about the importance of the dynamic smile in their treatments plans.
• They will learn how to select tooth form and how to integrate digital tools in their traditional workflow.

Abstract
The patient’s esthetic demands should be integrated from the inception of the cases. The facial midline and teeth midlines are crucial, and should follow natural asymmetries. How to choose the proper tooth form and size is also of paramount importance and still difficult to control with CAD-CAM technology. The dynamic smile analysis is has also being neglected for years. How to simplify clinical digital protocols and combine them with simple traditional tools will be the key of the lecture. Advantages and limitations of modern systems will be shown, based on detailed clinical cases and the newest publications.

New Challenges In Aesthetics: “Whitening, Adhesion and Integrated Rehabilitation”
Sergio Kohen (Argentina)

Learning Objectives
• The general objective the student will be able to integrate the new adhesive techniques and dental color treatment in the current rehabilitation
• The objective is to integrate the changes in the current aesthetic rehabilitation by integrating bleaching adhesion to new restorative techniques

Abstract
In the present conference, topics related to the integration of esthetics and tooth color will be discussed. Topics such as diagnosis, whitening, adhesion, plastic restorations, rigid veneers and integrated cases will be addressed. During the hole odontology history, it had been very difficult to accomplish previous plantings with real surgeries with our patients. With the introduction of Digital Work Flow we are achieving the integration of tomographic images, STL files, surgical and prosthetic design. All these tools allow us to face our patients demands with medical criteria.
Dental Ethics Manual – A Tool for Dental Education and Dental Practitioners
Launch of the Second Edition
Ward Van Dijk (Netherlands)
Michael Sereny (Germany)
Jos Welie (United States of America)

Time: 09:00 – 11:00
Room: Nogal
Language: English
Chair: Ward Van Dijk (Netherlands), Michael Sereny (Germany)
CERP: 2

Learning Objectives
At the completion of this session, participants will be able to:
• Explain why any dental treatment involves value judgments, and how an ethical examination of such value judgments can improve the overall quality of the oral health care rendered
• Identify, analyze and systematically address ethical problems that arise in everyday dental care (such as the issue of informed consent)
• Discuss and promote standards of professional ethical behaviours towards patients, colleagues and employees, and thereby improve both patient and practitioner satisfaction
• Participate in a constructive manner in the training of (future) dentists in the field of dental ethics

Abstract
The use of the Manual for educational purposes: For much of the history of dental education, students learned to make value judgments by observing how senior practitioners handled ethically challenging situations. Only rarely were such situations discussed explicitly and analyzed systematically using established principles and the latest research findings to guide the decision-making process. But with the practice of dentistry becoming ever more complex technically, organizationally, and socially, this method of learning by osmosis no longer suffices. In this session we review how the new edition of the Dental Ethics Manual can be used not only in the traditional classroom setting, but also in less formal meetings where colleagues get together to learn from one another or discuss new developments in the field of dentistry.

The use of the Manual by practicing dentists in everyday care situations: We analyze exemplary cases as they occur in everyday dental practice, with the audience interactively participating. Using the Dental Ethics Manual 2 as a reference, we identify various ethical issues, discuss relevant principles, and point out possible solutions that increase the satisfaction of the patient and dentist alike, and thereby also

Opening, Welcome, Short Historic Review and Acknowledgements
Ward Van Dijk (Netherlands)
Michael Sereny (Germany)

The Dental Ethics Manual: Its Use in Dental Education Courses, Continuing Education Offerings, as well as Informal Practice Improvement Sessions
Jos Welie (United States of America)

The Dental Ethics Manual and Its Use in Everyday Care Situations Clinical Examples - Interactive Case Analysis - Decision Making
Ward Van Dijk (Netherlands)
Michael Sereny (Germany)
Curbing the Sugar Rush
Tackling oral diseases and other noncommunicable diseases through a unified approach

Surging levels of global sugar consumption represents a significant oral health and noncommunicable disease (NCD) challenge. Without targeted investment in widespread preventative interventions the burden of oral diseases and other NCDs will continue to accelerate unabated.

Learn from a panel of health experts, including high-level health advocates and civil society activists, on how the oral health and NCD community can leverage cross-cutting interventions and strategies to reduce sugar consumption.

SPEAKERS FROM
→ FDI World Dental Federation
→ Educar Consumidores
→ NCD Alliance
→ World Health Organization
Curbing the Sugar Rush: Tackling oral diseases and other NCDs through a unified approach
FDI-NCD Alliance-WHO joint session
Stefan Listl (Netherlands)
Veronica Schoj (Argentina)
Martha Yaneth Sandoval Salazar (Colombia)
Benoit Varenne (Switzerland)

Time : 09:00 – 11:00
Room : General Assembly Room
Language : English / Translation: Spanish
Chair : Katie Dain (United Kingdom)
CERP : 2

Session Abstract
The growing burden of noncommunicable diseases (NCDs) poses a major threat to global health and development. Each year, NCDs cause 70% of all deaths worldwide (40 million) and disproportionately affect low-and middle-income countries, where nearly 80% (31 million) of NCD-related deaths occur. Major NCDs such as cardiovascular diseases, cancer, respiratory diseases and diabetes are the main contributors to mortality globally.

Oral diseases affect 3.9 billion people worldwide, with dental caries (tooth decay) being the most widespread NCD. It is widely acknowledged that oral diseases and other NCDs share modifiable risk factors: an unhealthy diet - particularly one high in sugar - tobacco use, and harmful use of alcohol; and the same socio-economic determinants, including poverty.

Excessive sugar intake from snacks, processed foods, and beverages is one of the primary factors fueling the growing incidence of oral diseases, cardiovascular disease, cancer and diabetes worldwide. Sugar is a common risk factor for cardiovascular diseases, cancer and diabetes, and is the leading risk factor for tooth decay. Surging levels of global sugar consumption thus represents a significant oral health and NCD challenge. Without targeted investment in widespread preventative interventions the burden of oral diseases and other NCDs will continue to accelerate unabated.

Global action by governments and other stakeholders is therefore urgently needed to reduce levels of sugar consumption. The oral health and NCD community must engage, collaborate and advance cost-effective and preventative interventions focused on lowering daily levels of sugar intake. Potential measures include imposing higher taxation on sugar-rich foods and beverages, adopting transparent food and nutrition labelling and implementing public health education campaigns. These evidence-based interventions are proven mechanisms not only for improving oral health outcomes but also for contributing to reduce other NCDs.
Evaluating Economic and Social Impacts of Integrated NCD-dental Strategies Targeting Sugar Consumption
Stefan Listl (Netherlands)

Learning Objectives
- Understand the relevance of measuring the economic and social impacts of NCDs and oral diseases
- Familiarize with existing evidence about sugar-attributable impacts of NCDs and oral diseases
- Get to know state-of-the-art methods for assessing the impacts of integrated NCD-dental strategies targeting sugar consumption

Abstract
Noncommunicable diseases (NCDs) and oral diseases have a substantial bearing on people’s wellbeing and imply considerable costs to society. Sugar consumption is a common risk factor for cardiovascular diseases, cancer, diabetes, and tooth decay. After an overview of current knowledge about the sugar-attributable economic and social impacts of NCDs and oral diseases, this talk will focus on state-of-the-art methods for assessing the impacts of integrated NCD-dental strategies suitable for addressing existing knowledge gaps. Attention will specifically be given to taxation of sugar-rich foods and beverages, adopting transparent food and nutrition labelling, and implementing broader public health and health promotion programmes.

Comprehensive Policy Development and Implementation: Good practice from Argentina to improve oral health and address NCDs
Verónica Schoj (Argentina)

Learning Objectives
- Gain an overview Argentina’s policy framework to reduce sugar consumption
- Understand the process for policy development in Argentina, and the importance of support by Head of Government
- Consider how policies for salt can be extrapolated to sugar

Abstract
Dr. Schoj will summarize the recent advances and leadership by the Argentine government in developing, updating and implementing policies which serve to reduce sugar consumption, with a focus on Argentina’s 2015 food-based dietary guidelines, and food and beverage labelling regulations, and the implications of these policies for oral diseases and other NCDs. She will also present Argentina’s Less Salt, More Life initiative, and how the dental community can engage in the NCD response to ensure that a similar approach could be employed for sugar, in order to scale up good practice.
Overcoming Industry Interference: Raising Public Awareness to Reduce Sugar Intake
Martha Yaneth Sandoval Salazar (Colombia)

Learning Objectives
• Discuss what makes an effective public awareness campaign on sugar
• Understand the level of impact which can be caused by industry interference
• Observe the role of civil society in overcoming industry interference and other barriers to policy change

Abstract
Martha Yaneth Sandoval Salazar’s presentation will set out the value of public awareness campaigns with regard to consumer education to support informed decision making. She will also describe the role of civil society organisations in implementing such campaigns. Ms Sandoval will then focus on the case study of a public service announcement to raise awareness on the consequences of sugar consumption in Colombia, push-back by the industry with a formal complaint made by the nation’s leading soda company to government, and action by Educar Consumidores to lift the resulting censorship of the PSA. She will conclude with a call to action for members of the oral health community, especially national dental associations, initiate and support public awareness campaigns and to combat industry interference if it arises.

Policy measures to promote the reduction of free sugars intake
Benoit Varenne (Switzerland)

Learning Objectives
• to learn about the implications of the WHO Guideline on Sugars for oral health professionals
• to update on gains and challenges of policy measures to promote the reduction of free sugars intake
• to have a better understanding about effects of upstream public health policy

Abstract
Poor oral health causes millions of people to suffer from devastating pain, increases the out-of-pocket financial burden for society and seriously affects people’s quality of life and well-being. To face this threat, there is an urgent need to revitalize international oral health commitments as part of the NCD agenda and SDG commitments. The WHO Oral Health Programme is working on identifying a set of cost-effective and sustainable solutions – “best buys” for oral health. Through this initiative and based on evidence, WHO recommends that countries consider taxing energy-dense beverages and foods and/or subsidizing nutrient-rich foods to improve diets and prevent NCDs including dental caries. The presentation aims to update participants on gains and challenges of such multisectoral strategies and to identify approaches and ways forward in order to ensure a new upswing of public oral health interventions. Presentation to be confirmed
Verónica Schoj (Argentina)
**Ideal Preparation and Adhesive Luting Techniques for CAD/CAM Inlays and Partial Crowns**

Roland Frankenberger (Germany)

**Time**: 11:30 – 12:30  
**Room**: Cataratas Del Iguazu  
**Language**: English / Translation: Spanish  
**Chair**: Marcelo De Barrio (Argentina)  
**CERP**: 1

**Learning Objective**

Think Ceramics, Preparation Technique, Adhesive Luting of CAD/CAM

**Abstract**

Impression-free CAD/CAM restorations are attractive for both patients and dentists, but without basic principles they cannot work. Fundamental prerequisites are: 1. Preparation according to materials’ requirements indicate that with preparation alone you can enhance mechanical properties of ceramics up to 30%. Thus, rounded angles are mandatory and many more rules apply. 2. Successful and durable adhesive luting of CAD/CAM materials involve a. Correct pre-treatment of different inlay materials as well as appropriate adhesive bonding of tooth hard tissues. New luting composites but primarily innovative adhesives allow for easier handling and reduced technique sensitivity. Experiences of several prospective clinical studies will support any recommendations for the perfect clinical CAD/CAM procedure.

**Defending Caries Through Every Phase of Life**

Ece Eden (Turkey)  
Hande Sar Sancakli (Turkey)

**Time**: 11:30 – 12:30  
**Room**: Lago Nahuel Huapi  
**Language**: English / Translation: Spanish  
**Chair**: Hande Sar Sancakli (Turkey)  
**CERP**: 1

**Learning Objectives**

- Recognize caries risk assessment for the patient.
- Identify the needs of the patient regarding health status and life span for prevention.
- Define appropriate preventive measures and non-invasive treatment approaches regarding the demands of the patient.

**Abstract**

Preventive dentistry includes oral hygiene practices of the patient as well as diet recommendations and professional dental applications such as topical fluorides, remineralization agents, antimicrobials, sealants and contemporary non-invasive treatment options. Development of good oral health starts in pregnancy and continues all through the lifecycle where the needs and the expectations differ in time. Natural course of life may be affected by innate deficiencies or changing health conditions that may influence oral-health. The presentation will give examples of caries prevention methods for different life phases and situations and guide the practitioners transfer the current knowledge to their everyday clinical practice.
Cystic and Tumor Lesions Associated with Retained Tooth Elements. Diagnosis and Treatment
Ricardo Bachur (Argentina)

Time : 11:30 – 12:30
Room : Valle De La Luna
Language : Spanish
Chair : Carlos Vargas Herrera (Argentina)
CERP : 1

Learning Objective
Perform an early diagnosis of cystic and tumor lesions through radiographic studies (Panoramics, Tomography), biopsy and preparation of a treatment plan appropriate to the pathology.

Abstract
According to the literature, the prevalence of impacted tooth has been estimated between 8% and 38% in different countries, with a female predilection. An impacted tooth can cause carious lesions, infection, destruction of adjacent teeth, periodontal disease and even oral and maxillofacial cysts or tumors. It has been found that cystic or neoplastic lesions arise in close proximity to the impacted tooth in 16% of cases, most often during the second and third decades of life.

From Evidence To Clinical Practice
Michael Glick (United States of America)

Time : 11:30 – 12:30
Room : Quebrada De Humahuaca
Language : English / Translation: Spanish
Chair : Carlos Russo (Argentina)
CERP : 1

Learning Objective
• Understand how evidence is translated from the scientific literature to clinical care
• Understand the difference between statistical and clinical significance
• Understand how different types of bias in the literature impact clinical decisions.

Abstract
We are inundated with more publications on dentistry than ever before. How to assess the importance of what is being published is a skillset that every oral health care professional needs to understand and learn. This presentation will provide an overview of how to search for evidence, how to analyse the evidence, and how to translate and use the evidence in everyday practice. In particular, attendees will learn how to interpret systematic reviews and basic biostatistical concepts, how to differentiate between statistical significance and clinical significance, and how to keep abreast with new and important clinical information.
Esthetics In Oral Implantology: Simple and Complex Cases
Sergio Gotta (Argentina)

Time: 11:30 – 12:30
Room: Glaciar Perito Moreno
Language: Spanish
Chair: Ignacio Catella (Argentina)
CERP: 1

Learning Objective
Give the participants a general view that can allow them to recognize the importance of biologic basis and surgical technics to obtain maximum esthetics and predictable results.

Abstract
During the presentation, the biological mechanisms involved in the healing of hard and soft tissues will be detailed, and the necessary techniques to solve simple and complex cases, involving immediate post-extraction implants, osseous grafts, osteogenic distraction, with soft and hard tissue regeneration will be exposed, tending to obtain predictable and aesthetic results.

Workshop
Publishing in The Dental Literature
Ira Lamster (United States of America)
Edward Lo (China)

Time: 11:30 – 12:30
Room: Nogal
Language: English
CERP: 1

Learning Objectives
• Increase knowledge of the dental publishing landscape, including the types of journals and manuscripts for publication.
• Improve understanding of the components of a research manuscript, and how each component is prepared.
• Compare peer-review processes used by scientific journals.

Abstract
Research publishing is a means of communicating new data, thoughts and ideas. Research is characterized as basic, translational, and clinical, and can include health service research. Researchers and clinicians describe their findings in the literature to increase the body of evidence that will lead to professional advancements.

Dental journals differ in their focus from other clinical and surveillance research and should select appropriate journals. This course will review all aspects of publishing in dental journals, including the types of publications, manuscript components and peer-review process. Time will be allocated for questions.
Mid-Day Sessions (12:30 – 14:30)

3M Symposium
Infant Caries Management Model with an Innovative Combination Therapy Approach
Francisco Ramos-Gomez (United States of America)

Time: 12:30 – 14:30
Room: Quebrada De Humahuaca
Language: English / Translation: Spanish
Chair: Mitsi O’Neill (United States)
CERP: No

Learning Objectives
• Medical/dental technically innovative disease prevention management model
• Early establishment of a dental home by 12 months - bio-behavioral model
• Technical innovations such as tri-calcium phosphate (TCP) & fluoride combination therapy approaches incorporated into pediatric practice and based on individual patient centered individualized risk.
• Use of practical forms and tools based on the principles of caries management by risk assessment (CAMBRA).
• Promote Bio-behavioral innovative technology prevention in order to achieve long-lasting good oral health for young patients and their parents.
• Promote use of age appropriate combination therapy approaches

Abstract
Increased caries prevalence in young children throughout the world highlight the need for an innovative ECC Prevention programs with early interventions. Promoting the “Age One dental visit” should include a medical/Dental disease collaborative prevention management model with early establishment of a dental home and a early preventive treatment based on individual patient risk. Practical age specific tools based on the principles of caries management by risk assessment, CAMBRA, are useful for developing protocols targeting for infants during their Baby wellness visits. General dental practice can adopt easy protocols that will promote early preventive visits and anticipatory guidance rather than waiting for the need for restorative sedation treatment.
GSK Symposium
Optimal Care and Maintenance of Full Dentures for Oral and General Health
Leonardo José Frisia (Argentina)
Guy Goffin (Switzerland)
David Bartlett (United Kingdom)

Time : 12:30 – 14:30
Room : El Parmar
Language : English / Translation: Spanish
Chair : Nigel Carter (United Kingdom)
CERP : No

Enhancing the performance and hygiene of dentures is a vital role in the life of the dental professional. However, this has not been aided by clear, simple and consistent recommendations on how this can be achieved. The aim of this session is to review current worldwide recommendations and propose treatment pathways and options for edentulous patients.

Understanding the denture wearing population and denture care patient recommendations
Leonardo José Frisia (Argentina)

Learning Objectives
• Understand the prevalence of the population with some form of denture in the region
• The changing landscape of denture wearing, and types
• Current practitioner recommendations from the south American region

Abstract
With approximately 1 in 5 adults worldwide with some form of a denture, and the denture landscape changing – this presentation will reflect on the prevalence of denture wearing, how this is changing, and what may still be required to best care for the denture wearer.

Global report on evidence-based guidelines for optimal denture care and maintenance
Guy Goffin (Switzerland)

Learning Objectives
• Understand the world-wide perspective on patient recommendations for optimal denture care and maintenance
• Understand current state of guidance on denture care from a professionals’ and patient’s perspective
• How to deliver evidence-based guidance for optimal care and maintenance to patients
Abstract
Research shows that denture patients are using a mix of methods and products to clean their dentures. Because no evidence-based guidelines exist, professionals’ recommendations for denture care vary tremendously and may provide contradictory guidance for maintenance of dentures. Lack of denture cleanliness can lead to oral health and general health problems. We have developed a few guidelines, supported by evidence and based on consensus from key international experts, for giving patients, dental health care professionals and caregivers guidance on optimal denture care.

Clinical considerations and patient impact of maintaining Denture performance
David Bartlett (United Kingdom)

Learning Objectives
• Understand the role of denture adhesives within the clinical practice
• How to identify patients that may benefit from adjuncts such as denture adhesives.
• How best to maintain denture performance.

Abstract
The role of denture adhesives in management of the denture patient has been a matter of debate within the profession. From the fear of potential misuse of these products to being a crutch to a poorly designed denture, practitioners have been wary recommending adhesives and yet in the clinical environment these products can afford significant patient benefits. This presentation will explore some of the key patient challenges around dentures and highlight some of the clinical scenarios where adjuncts such as adhesives may benefit certain patient types.

Workshop
Presentation of the Global Periodontal Health Project
Chairside Guide
David Herrera (Spain)
Joerg Meyle (Germany)

Time : 13:00 - 14:00
Room : Nogal
Language : English
CERP : 1

A great opportunity to interact with FDI Experts on periodontics and to get practical recommendations on how to use the new FDI Chairside guides to support the management of patients in your dental practice.

Objectives of the guides:
• To support communication with patients
• To engage patients in improved home care
• To support dentists in making decision according to risk factors and medical history
Meet The Expert Session
Architects Build Their Houses on a Solid Foundations
- The Periodontal Paradigm
Niklaus P. Lang (Switzerland)

Time : 13:00 – 14:00
Room : Meeting Room 5
Language : English
CERP : 1

Workshop
Presentation of the Caries Prevention and Management Chairside Guide
Marshall Gallant (United States of America)
Sophie Dartevelle (France)

Time : 13:00 - 14:00
Room : Meeting Room 6
Language : English
CERP : 1

Ninth Annual Alliance for a Cavity-Free Future Global Summit
Catalyzing Change in Education, Policy and Practice
Marcelo Bonecker (Brazil)
Stefania Martignon (United Kingdom)
James Taylor (Canada)
Nigel Pitts (United Kingdom)

Time : 13:30 – 17:30
Room : Ceibo C
Language : English
Chair : Nigel Pitts (United Kingdom)
CERP : No

The ACFF in Latin America- Regional Perspectives
Marcelo Bonecker (Brazil)

Learning Objectives
- Understand the organization of ACFF Chapters in Latin America
- Be familiar with the range of advocacy activities they undertake
- Appreciate the planned next steps for the Chapters

Abstract
An overview of 8 years of ACFF Activity of the Latin American ACFF Chapters.
Catalysing Change: Curriculum Development and Implementation
Stefania Martignon (United Kingdom)

Learning Objectives
• Understand how the European Core Cariology Curriculum was developed
• Understand how it has been adapted on a global basis to the needs of specific countries
• Gain insight into implementation strategies for curricula

Abstract
A look at the developments in the creation and implementation of the European Core Curriculum in Cariology (ECCC) and its global counterparts.

Towards Paying for Health in Dentistry: Policy Lab Update- The Process this Year
James Taylor (Canada)

Learning Objectives
• Understand what a ‘Policy Lab’ is and why the methodology has been developed.
• Understand how blueprints for caries prevention payment systems have been developed.
• Be familiar with consensus recommendations on paying for health in dentistry.

Abstract
An overview of the 2018 ACFF/King’s College London Policy Lab Meeting ‘Towards Paying for health in Dentistry- How do we create and implement acceptable prevention-based dental payment systems to achieve and maintain health outcomes?’

Towards Paying for Health in Dentistry: Policy Lab Update - The Next Steps
Nigel Pitts (United Kingdom)

Learning Objectives
• Appreciate the stakeholders represented in the ‘Win6’ cube.
• Understand the opportunities to take forward the payment systems designed at the Policy Lab.
• Appreciate the range of barriers to making progress in this complex area.

Abstract
A look at future plans and next stages following on from the 2018 Policy Lab Meeting ‘Towards Paying for health in Dentistry- How do we create and implement acceptable prevention-based dental payment systems to achieve and maintain health outcomes?’
Afternoon Sessions (14:30 – 17:00)

Year-in-Review Forum
Anaesthesia & Pharmacology
Jakub Hadzik (Poland)
Graciela Stranieri (Argentina)
Daniel Chavarria Bolaños (Costa Rica)
Monika Daubländer (Germany)

Time: 14:30 – 17:00
Room: Cataratas Del Iguazu
Language: English / Translation: Spanish
Chair: Marzena Dominiak (Poland)
CERP: 2.5

Local Anesthesia in Dentistry - a Practical Aspects.
Jakub Hadzik (Poland)

Learning Objectives
• Leaning traditional and contemporary instruments for local anaesthetics including CCLAD devices
• Leaning which tools to choose and which techniques of anaesthesia to use so that the administration of the drug is painless for the patient and the effect is predictable.
• Understanding the effects of local anaesthetic drugs and learning how to proceed with patients with systemic conditions, pregnant women and children.

Abstract
Local anaesthesia in dentistry will be discussed on the basis of the recent scientific literature. A review of anaesthetics will be presented with particular practical reference to their advantages and disadvantages. Practical tips to choose a local anaesthetic drug for daily practice will be given. Traditional and contemporary instruments for local anaesthetics including CCLAD devices - computer controlled devices for local anesthesia - and novel techniques will be presented.

Management of Local Anaesthetics in Patients with Cardiovascular Disease
Graciela Stranieri (Argentina)

Learning Objectives
• Apply the pharmacology of local anaesthetics in dental practice in patients with cardiovascular disease.
• Recognize the systemic adverse effects of local anaesthetics.
• Evaluate the importance of the use of vasoconstrictors and their adverse effects.
Abstract
The assessment of patients with cardiovascular disease, prior to the completion of dental procedures, has acquired particular connotations currently. There has been an increase in dental procedures for older patients who have a higher incidence of cardiovascular disease, not only linked to prostheses but also dental surgeries and implants. Procedures associated with more complex techniques such as bone regeneration maneuvers, maxillary sinus floor elevation, bone fillings, etc. carry greater risk. This should not be minimized in the preoperative assessment, both for the risks linked to the procedure as well as for the stress that is generated in the patient. The latter are performed on an outpatient basis with local anaesthesia in the dental office, which is why an adequate cardiological assessment should be carried out in order to minimize the possible cardiovascular complications, and evaluate the drugs to be used in the procedure and their cardiovascular effects.

Local drug delivery systems (DDS) in dentistry: peripheral analgesia
Daniel Chavarria Bolaños (Costa Rica)

Learning Objectives
- To discuss the development of DDS in dentistry
- To review the peripheral pathways of pain
- To analyze current local analgesics and DDS for dental and oral application

Abstract
Many of the analgesic alternatives for dental practitioners depend on parenteral or oral administration to achieve a clinical effect. However, these systemic alternatives also involve possible side-effects, or pharmacological interactions with previous prescriptions. Understanding of the peripheral mechanisms involved in the development of pain can lead to the development of new drug delivery systems (DDS) that will try to control pain at its source. This lecture will summarize some of the alternative DDS in the analgesia field, and the new goals to be addressed.

Anesthesia and Analgesia
Monika Daubländer (Germany)

Learning Objectives
• Knowledge of the risk factors for temporary and permanent neurosensory disturbances of the trigeminal nerve,
• Knowledge of algorithms treating acute and postoperative dental pain.

Abstract
Neurosensory disturbances are the worst local side effect in local anaesthesia. The ratio ranges widely and differs between the countries and the drugs. Most of the disturbances are transient and last only for days, weeks or months. Permanent symptoms are associated with disability. Acute and postoperative dental pain are common conditions. Pain management is therefore a crucial task for every dentist. The decision to use a non-opioid or opioid analgesic should be based on the mechanism of pain and the risk profile of the patient. Success control of the treatment and time limited use help to avoid misuse and overuse.
Oral Surgery Road Map In 2018: Evidence-Based Management and Clinical Concerns
Ziad F. Noujeim (Lebanon)

Time: 14:30 – 15:30
Room: Lago Nahuel Huapi
Language: English / Translation: Spanish
Chair: Cecilia Flores Avellaneda (Argentina)
CERP: 1

Learning Objectives
• Update dentists with contemporary surgical techniques and latest oral surgical evidence-based data
• Provide participants with a broad range of dental, oral , and jaw surgical cases, from pre-operative phase to post-operative course
• Provide participants with a quick review on oral and jaw applied anatomy that is mandatory for daily oral surgical practice

Abstract
Oral surgery is one of the most growing dental specialties, being at crossroads between anatomy, implant dentistry, exodontia, surgical dentistry, and surgical oral pathology. This discipline is continuing to develop, with new concepts and technologies being embraced. Developing the Decision-Making Process (from presumptive to definitive diagnosis) is the major element of 2018 road map; for that, we will present a comprehensive variety of dental, oral, and jaw surgical cases that will show the consecutive steps to be followed in order to reach evidence-based diagnosis, implement a contemporary surgical technique, and master a post-operative course.

Immediate Loading, Analogic and Digital Workflow
Long Term Results
Juan Carlos Ibáñez (Argentina)

Time: 14:30 – 15:30
Room: Valle De La Luna
Language: Spanish
Chair: Cristina Tula (Argentina)
CERP: 1

Learning Objective
To learn the surgical and prosthetic tips to achieve good long-term results with immediate loading procedures

Abstract
During this lecture the most important tips to handle immediate loading procedures will be discussed, both from the surgical and the prosthetic point of view, to achieve adequate long-term results. Special emphasis will be placed on how to select the prosthetic protocol for each case and how to incorporate digital implantology in this type of treatment. It will show the use of precision surgical guides for implant placement, the technology to measure the stability of the implants, and the way to use conventional and CAD / CAM procedures in the prosthetic phase.
Prevention Early Diagnosis of Caries Disease: It Makes a Difference
Ivana Miletic (Croatia)

Time : 14:30 – 15:30
Room : Quebrada De Humahuaca
Language : English / Translation: Spanish
Chair : Hande Sar Sancakli (Turkey)
CERP : 1

Learning Objectives
• Introduce the principles of diagnostic of caries
• Describe the current state of knowledge about caries diagnosis/detection
• Describe diagnostic procedures

Abstract
Modern approach in everyday clinical practice is moving the focus away from the usual ‘surgical’ restoration of damaged and missing hard dental tissues. Different procedures and materials have become available for prevention and nonsurgical treatment of dental caries as well as diagnostic tools for early recognition of carious lesions. The first step is early identification and assessment of caries risk factors by using caries risk assessment. The second step is to diagnose the first signs of demineralisation of hard dental tissues in order to avoid surgical treatment.

Orthodontics and Periodontics: The Perfect Match
Julia Harfin (Argentina)

Time : 14:30 – 15:30
Room : Glaciar Perito Moreno
Language : Spanish
Chair : Graciela Maffia (Argentina)
CERP : 1

Learning Objectives
• New protocols will be discussed while considering the individualized treatment objectives
• The use of new alloys allow better movement control and long term reliable results

Abstract
The aim of this presentation is to up-date the new strategies in adult orthodontic treatment. The periodontal condition must be a primary consideration before initiating orthodontic treatment and must be constantly monitored during the whole and treatment and retention period. 1250 patients (28-83 years old) were analyzed and pre-treatment, 2, 4 and up 22 years post treatment results were evaluated. The results confirmed that a significant osseous repair was achieved in nearly 82% of the patients.
Treatment Principles and Prognosis in Dental Trauma with Challenging Cases
Ece Eden (Turkey)

Time : 16:00 – 17:00
Room : Lago Nahuel Huapi
Language : English / Translation: Spanish
Chair : Ines Garcia (Argentina)
CERP : 1

Learning Objectives
• Recognize treatment principles of injuries in hard dental tissues and the pulp
• Recognize treatment principles of supporting tissue injuries
• Recognize the clinical and radiographic signs of healing complications

Abstract
Traumatic injury may affect dental hard tissues and/or the periodontal ligament and every dentist must be capable of performing the emergency treatment in dental practice. In dental trauma cases, detailed examinations as well as proper and on-time interventions are important in the success of the treatment. Necessary referrals, clinical and radiological follow-ups are needed in order to avoid complications. Endodontic considerations and immobilization by splinting are important in relation to survival of the traumatized tooth. In this presentation, the treatment principles in relation to the type of the traumatic injury will be discussed with the help of clinical cases.

Latin America’s Biomedical Technology Potential
David Masuoka (Mexico)

Time : 16:00 – 17:00
Room : Valle De La Luna
Language : Spanish
Chair : Silvina Gonzalez Chavez (Argentina)
CERP : 1

Learning Objectives
• Background of the Latin American scientific economy.
• The potential creativity of the Latin American.
• Development of technology through necessity.
• Foundations of the new era of knowledge.
• Creative collaboration.
• Patentability as a tool of the new Latin American scientific economy.

Abstract
Scientific advances will determine which nations will progress, and which will be further and further behind. The countries that develop products with added value will be increasingly rich, and those that continue to produce raw materials or basic manufactures will stay further behind. Development of biomedical technology in Latin America through necessity and and understand the potential and mechanism of patentability it is the beginning to the entrance in the new era of knowledge and create tools to fight in the new economy of creativity for our Latin American society.
Early Caries Management Using Remineralization Strategies  
Domenick Zero (United States of America)

Time: 16:00 – 17:00  
Room: Quebrada De Humahuaca  
Language: English / Spanish Translation  
Chair: Yolanda Colombo (Argentina)  
CERP: 1

Learning Objectives
• Describe the difference between dental caries lesions and the dental caries disease process.  
• List approaches to detect and monitor early carious lesions.  
• Describe how to optimize the remineralizing effects of fluoride.  
• State the indications and rationale for using a remineralization strategy for early carious lesions.

Abstract
Dental caries is a dynamic dietomicrobial disease which involves multiple cycles of demineralization and remineralization before its consequences are expressed clinically. There is increasing interest in when and how we detect caries and the development of new technologies to assist in this process. The recognition that dental caries can be arrested and possibly reversed if detected at an early stage is leading to renewed interest in innovative remineralization strategies, especially non-fluoride remineralizing agents; however, clinical recommendation must be based on sound scientific evidence. The use fluoride toothpaste, fluoride mouthrinse, professionally applied fluoride (varnish), remain the mainstays of caries prevention.

Impact of Advancement of Digital Dentistry on Prosthetic Treatment Workflow
Kazuyoshi Baba (Japan)

Time: 16:00 – 17:00  
Room: El Parmar  
Language: English / Spanish Translation  
Chair: Sergio Nuñez Santos (Argentina)  
CERP: 1

Learning Objectives
• Understand change in the clinical workflow of implant and prosthetic dentistry  
• Understand the latest advancements of digital dentistry and their merits and impact on clinical dentistry  
• Understand the latest advancements of dental materials, such as multilayered high translucent zirconia
Abstract
A significant change taking place this century is the introduction of digital technology into dental practice, which is called “Digital Dentistry”. For example, CAD/CAM-based fabrication of the restorations and software-based 3D implant placement planning, are now indispensable for prosthetic treatments. Recently the direct oral scanning technology has expanded the popularity in the market because the digital impression decisively simplified the clinical workflow by making it easier and visible for both patients and dentists. The lecture will cover the latest advancements of digital dentistry as well as related newly developed dental materials and discuss their merits and impact on prosthetic dentistry.

Interdisciplinary Session on Implants, Gingival Aesthetics and Prosthodontics
German Albertini (Argentina)
Anibal Omar Capusotto (Argentina)
Diego Bechelli (Argentina)

Time: 16:00 – 18:00
Room: Glaciar Perito Moreno
Language: Spanish
Chair: Adrian Jouglar (Argentina)
CERP: 2

Oral Rehabilitation in the Digital Age
German Albertini (Argentina)

Learning Objective
Describe esthetical planning parameters, highlight the importance of occlusion in oral rehabilitation, introduce interdisciplinary teamwork, incorporate digital workflow in daily practice.

Abstract
The lecture focus on the current trends in oral rehabilitation, with the advance of digital workflow in daily practice. The importance of integral and diagnosis and treatment, as well as an accurate balance between esthetics and biomechanics, is highlighted.

Implantology- Adhesive Re-Bonding- Digital Dentistry- New Protocols
Anibal Omar Capusotto (Argentina)

Learning Objective
Describe esthetical planning parameters, highlight the importance of occlusion in oral rehabilitation, introduce interdisciplinary teamwork, incorporate digital workflow in daily practice

Abstract
The lecture focus on the current trends in oral rehabilitation, with the advance of digital workflow in daily practice. The importance of integral diagnosis and treatment, as well as an accurate balance between esthetics and biomechanics, is highlighted.
Oral Rehabilitation in the Digital Era
Diego Bechelli (Argentina)

Learning Objective
Describe esthetic planning parameters, highlight the importance of occlusion in oral rehabilitation, introduce interdisciplinary teamwork, incorporate digital workflow in daily practice.

Abstract
The lecture focuses on the current trends in oral rehabilitation, with the advance of digital workflow in daily practice. The importance of integral diagnosis and treatment, as well as an accurate balance between esthetics and biomechanics, is highlighted.
Visit us at Booth #1D07
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<td>09:00-10:00</td>
<td>Periodontal Disease and Diabetes Mellitis - Up-Date Information on Periodontal Medicine</td>
<td>Fusanori Nishimura</td>
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<td>10:00-11:00</td>
<td>Periodontal Regeneration - Redefining The Hopeless Prognosis - Saving Poor/ Hopeless Teeth with Periodontal Regeneration</td>
<td>Masahiko Nikaido</td>
<td>Moderator Maria Marta Fernandez</td>
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<td>Cosmetic Rehabilitation in Pediatric Dentistry</td>
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<td>14:30-15:30</td>
<td>Top 10 List For Essential Drugs For An Emergency Kit</td>
<td>Daniel Pompa</td>
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<td>Prosthesis Comprehensive Rehabilitation</td>
<td>Hector Alvarez Cantoni</td>
<td>Treatment Protocols For Fully Eroded Teeth</td>
<td>Luis Taminí</td>
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<td>Effective Mouthguards - Efficacy, Proper design and Fabrication Method of Custom Made Mouthguards</td>
<td>Yoshinobu Maeda</td>
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<td>Protocol of Rehabilitation with Implants in Area with Diminished Space</td>
<td>Jaime Acuna D’Avino</td>
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<td>How to Act In Front of a Legal Demand</td>
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<td>The Functional Orthopedics of The Maxillary</td>
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<td>Treating Occlusion Statics and Function In The Older Adult</td>
<td>3D A New Turn In Real Dentistry</td>
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<td>Diagnostic and Treatment of Halitosis Main Causes and It's Consequences</td>
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<td>Treatment of the main causes of Halitosis and its Psychological Aspects</td>
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<td>Oral and Maxillofacial Surgery Low Level Laser Therapy In The Daily Practice</td>
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Periodontics Session
Fusanori Nishimura (Japan)
Masahiko Nikaido (Japan)

Time: 09:00 – 11:00
Room: Cataratas Del Iguazu
Language: English / Translation: Spanish
Chair: Maria Marta Fernandez (Argentina)
CERP: 2

Periodontal Disease and Diabetes Mellitus - Up-Date Information on Periodontal Medicine
Fusanori Nishimura (Japan)

Learning Objectives
• How periodontal inflammation is amplified,
• How amplified micro-inflammation influences our systemic health, and
• To understand ethnic diversity of the influence of periodontal inflammation on our systemic health.

Abstract
Update topic on an association between periodontal disease and diabetes mellitus, especially from the standpoint of diverse ethnicity.

Periodontal Regeneration - Redefining the Hopeless Prognosis: Saving Poor/ Hopeless Teeth with Periodontal Regeneration
Masahiko Nikaido (Japan)

Learning Objectives
• Discuss the benefit to maintain teeth through regeneration with advanced lesions.
• Discuss current biologics and materials used today in regenerative therapy.
• Redefine traditional hopeless/poor prognosis.

Abstract
Periodontally affected teeth with minimum attachment are usually identified as being “hopeless” and recommended for extraction. Recently, scaffolds and biologics are redefining our thought process on what was once considered hopeless. In this presentation, possibility of periodontal regenerative therapy to save teeth given a prognosis of poor/hopeless is discussed along with clinical cases.
Symposium Contemporary Treatment of Caries Lesions: From ‘Drill and Fill’ to Prevention and Management

Jo Frencken (Netherlands)
Soraya Coelho Leal (Brazil)
Edward Lo (Hong Kong SAR China)
Nicola Innes (United Kingdom)

Time: 09:00 – 11:00
Room: Lago Nahuel Huapi
Language: English / Translation: Spanish
Chair: Jo Frencken (Netherlands)
CERP: 2

Contemporary Caries Detection Methods
Jo Frencken (Netherlands)

Learning Objectives
To understand the importance of good diagnosis and valid caries detection methods in the management of dental caries.

Abstract
Industry develops electronic caries detection devices to assist the dentist. But how valid are they? Are they better than visual clinical examinations (VCE)? During the last two decades, a number of new VCE’s have been introduced in oral health. The presentation discusses briefly the usefulness of contemporary visual and electronic caries detection devices.

Contemporary Caries Preventive Measures
Soraya Leal (Brazil)

Learning Objectives
To gather information about:
• the evidence with respect to dental sealants, fluoride, infiltration and other preventive measures for caries prevention currently used by the professional
• the rationale behind sealing small carious dentine lesions

Abstract
Different strategies are available in the market for preventing the onset of carious lesions and/or to prevent further development of those diagnosed in early stages. The evidence on these methods will be discussed, emphasizing that the decision-making process made by the professional should take into account factors such as costs, the dentist’s preference, and the patient’s individual needs.

Contemporary Carious Tissue Removal: Terminology and Techniques
Edward Lo (Hong Kong SAR China)

Learning Objectives
To understand and be familiar with:
• the contemporary terms used to describe the procedures and end-points of carious tissue removal; the different approaches for removing carious tissues
• the rationale behind the choice of using different approaches for removing carious tissues - the rationale behind the choice of using different end-points in removal of carious tissues
Abstract
Terms recommended by the International Caries Consensus Collaboration for describing the approaches and end-points of carious tissue removal will be presented. The end-points are related to the clinical manifestations of the carious lesion, including soft, leathery, firm, and hard dentine. The approaches are: 1) selective removal of carious tissue to soft dentine or firm dentine; 2) stepwise removal - including stage 1, selective removal to soft dentine, and stage 2, selective removal to firm dentine later; and 3) nonselective removal to hard dentine. Adoption of these terms will facilitate mutual understanding and communication among dental researchers, educators and clinicians.

Contemporary Treatment of Carious Lesions; Consensus Recommendations
Nicola Innes (United Kingdom)

Learning Objectives
To be able to:
• discuss the evidence supporting less invasive carious lesion management
• list the priorities when a restoration is indicated:
• explain carious tissue is only removed to create conditions for long-lasting restorations;
• explain bacterially contaminated/demineralized tissues close to the pulp do not need to be removed;
• find out more information on the Consensus Recommendations and sources of evidence

Abstract
This presentation discusses clinical recommendations for managing cavitated carious lesions based on the texture of demineralized dentine. Overall goals are to preserve hard tissues and retain teeth long-term. Restorative interventions are only indicated when cavitated carious lesions are either non-cleansable or can no longer be sealed. When a restoration is indicated, the priorities are to: preserve healthy and remineralisable tissue; achieve a restorative seal; maintain pulpal health; and maximize restoration success. Carious tissue is only removed to create ideal conditions for long-lasting restorations. Bacterially contaminated or demineralized

Orthodontics Session
Juan Carlos Cometti (Argentina)
Stella Martinez de Tomaszewski (Argentina)

Time : 09:00 – 11:00
Room : Valle De La Luna
Language : Spanish
Chair : Marina Zamora (Argentina)
CERP : 2

Impacted Canines - Diagnosis and Treatment
Juan Carlos Cometti (Argentina)

Learning Objective
Diagnosis and best alternative treatment for each patient with impacted canines, evaluating risks and benefits.
Abstract
The prevalence of impacted canines is a great challenge for the orthodontist. Through a correct diagnosis using traditional methods, but incorporating 3D technology it is possible to arrive at the best treatment alternative for each patient. The lecture will detail different forms of diagnosis and treatment proposals.

Withheld Teeth: Diagnosis and Treatment
Stella Martinez de Tomaszeuski (Argentina)

Learning Objective
Transmit to the general dentist and pediatric dentist, the need to make an early diagnosis to prevent, as much as possible, the retention of dental pieces, through different procedures. If this is not possible, try to locate them in their correct position, through surgical orthodontic treatments.

Abstract
Retained Teeth: the relative frequency of impacted and upper incisors, leads us to perform an early diagnosis to avoid possible complications. Definition: Are those that once the normal time of eruption and three quarters of its root formed, is not expected to erupt in a reasonable time and are included within the bone totally or partially. Impacted canines and upper centrals Etiology: most common causes that provoke tooth retention. Prevention and treatments. Presentation of clinical cases.

Prosthodontics Session
Hector Alvarez Cantoni (Argentina)
Luis Tamini (Argentina)

Time: 09:00 – 11:00
Room: Quebrada De Humahuaca
Language: Spanish / Translation English
Chair: Maria de los Angeles Bulacio (Argentina)
CERP: 2

Prosthetic Comprehensive Rehabilitation
Hector Alvarez Cantoni (Argentina)

Learning Objectives
• To identify the different variables which are involved in prosthetic comprehensive rehabilitation.
• To recognize different criteria and main lines which lead the reconstruction of hard and soft tissues.
Abstract
The occlusion guides the prosthesis, the prosthesis to the implants, and the implants to the bone reconstruction following an imperative, interactive and dynamic process. The individual and total prosthetics reconstructions, which are part of this presentation, will give the opportunity to observe the different variables that take action in the reconstruction of hard and soft tissues. Finally, an original protocol of the superior jaw rehabilitation for completely edentulous will be presented to focus on surgical and temporary fixed prosthesis aspects that will be necessarily considered for the rehabilitation of the meager maxillary ridge.

Treatment Protocols For Fully Eroded Teeth
Luis Tamini (Argentina)

Learning Objectives
• Diagnostic of dental wear caused by erosion or para functional activity.
• Procedures to recover vertical dimension: veneers-table tops-onlays and minimally invasive crowns.
• Use of ceramics and adhesives to recover tooth structures.
• Maintenance and care of rehabilitation.

Abstract
The exposition will focus on diagnostic and treatment of full eroded and para functionally wear teeth based on conservative and adhesive ways of resolution. Procedures using reinforced glass ceramics adhered to tooth structure combined with composite resins will be the path of action to conserve more properly the remained dental structure nowadays where we try to reduce our preparations.

Minimally Invasive Procedures-Biological Aspects
Ivana Miletic (Croatia)

Time : 09:00 – 10:00
Room : El Parmar
Language : English / Spanish Translation
Chair : Mirna Kazmer (Argentina)
CERP : 1

Learning Objectives
• Understand change in the clinical workflow of implant and prosthetic dentistry
• Understand the latest advancements of digital dentistry and their merits and impact on clinical dentistry
• Understand the latest advancements of dental materials, such as multilayered high translucent zirconia

Abstract
A significant change taking place this century is the introduction of digital technology into dental practice, which is called “Digital Dentistry”. For example, CAD/CAM-based fabrication of the restorations and software-based 3D implant placement planning, are now indispensable for prosthetic treatments. Recently the direct oral scanning technology has expanded the popularity in the market because the digital impression decisively simplified the clinical workflow by making it easier and visible for both patients and dentists. The lecture will cover the latest advancements of digital dentistry as well as related newly developed dental materials and discuss their merits and impact on prosthetic dentistry.
TMD/TMJ Session
Miguel Angel Cacchione (Argentina)
Luis Alfredo Miranda (Argentina)
Mario Oscar Pistoni (Argentina)

Time : 09:00 – 11:00
Room : Glaciar Perito Moreno
Language : Spanish
Chair : Jorge Trombeta (Argentina)
CERP : 2

Functiona Orthopedics of Jaws
Miguel Angel Cacchione (Argentina)

Learning Objective
The importance of prevention by applying the concept of early treatment

Abstract
Recognize the clinical expressions in the different discrepancies. Formulate an accurate and synthetic diagnosis based on analytical methods. Consider the mechanisms of craniofacial growth. Distinguish individual growth and its influence on the prognosis and therapeutic plan. Evaluate the scope of functional therapy.

Functional Orthopedics of the Jaws. The Importance of Timely and Early Treatment
Luis Alfredo Miranda (Argentina)

Learning Objective
Transmit to the student the importance of early diagnosis for timely treatment.

Abstract
Achieve an optimal treatment based on a right diagnosis, whereas the best results will be obtained by applying both premises at early ages. To be able to accompany and guide children in their growth, through integral and multidisciplinary concepts.

Transversal Problems
Mario Oscar Pistoni (Argentina)

Learning Objective
Developed the differential diagnosis of the maxilar superior narrowness to determine the necessity to proceed a disjunction or a narrowness of the dental arch

Abstract
A review of the classification of facial maxillofacial anomalies will be made, emphasizing the Transversal. Altered structures and the need to perform transverse palatal disjunctions or arc expansions will be differentiated. Cases treated with different therapeutics will be shown.
Cosmetic Rehabilitation in Pediatric Dentistry
Elia Sfeir (Lebanon)

Time: 11:30 – 12:30
Room: Cataratas Del Iguazu
Language: English / Spanish Translation
Chair: Yolanda Colombo (Argentina)
CERP: 1

Learning Objectives
• Be able to restore the smile of young patients
• Understand the importance of a functional esthetic result in pediatric dentistry
• Evaluate the long-term outcome of the esthetic treatments
• Understand the appropriate technique to apply in different clinical situation
• Be able to find the appropriate esthetic approach for special need young patients

Abstract
In the 70s, the celluloid molds for the restoration of anterior temporary teeth were introduced and remain valid. Since then, several other prosthetic solutions have been proposed through the polycarbonate molds, metal crowns coated with a cosmetic material and zirconia recently. On the other hand, the prosthetic solution to the molars is preformed crowns. It is a functional solution but unattractive. Several solutions have been proposed as the composite crowns, the metal crowns coated with a cosmetic material and recently zirconium crowns. Finally, Implant-retained overdentures and implant-supported constructions for young children with severe oligodontia and anodontia are now an acceptable solution with several years of follow-up. All these approaches will be presented and discussed.

Second Generation Implantology (Zenith)
Hakan Özyuvaci (Turkey)

Time: 11:30 – 12:30
Room: Lago Nahuel Huapi
Language: English / Spanish Translation
Chair: Nicolas Bottazzini (Argentina)
CERP: 1

Learning Objectives

Abstract
Implantology is the most developing and promising field of dentistry with high success rates and good long-term results. Contemporarily, many different case types can be treated by implant dentistry safely and successfully. Today, practitioners are not just considering the functional aspects of implantology, they are also trying to achieve the most esthetic results. Their aim is to catch the perfection and to get close to the natural in both ways, both esthetical and functional.
Briefly, today “good” is just not good enough. However, every practitioner aims to get the best result, it’s not always a one way road. Sometimes there may be complications, both in the short term and in the long term. Nowadays, dental implants are one of the most popular treatment options in oral surgery but we don’t always get the best outcome. In compatible with its growing number of applications, so its complications. It is time for us to start looking from the other aspect of implantology, how can we approach to cases that don’t have the best outcome? How can we get an esthetic and satisfactory result from implants that are in bad situation? Metaphorically, Is it possible to build a strong castle on poor grounds and weak foundations? The answer to these questions is second generation implantology: To start from the beginning, to refresh, to change the whole foundation. By removing and replacing the complicated implants with better and more suitable planning, by changing the whole ground, we can start over and get the results that we were looking for.

State of The Art in Orthognatic Surgery
Victoria Pezza (Argentina)

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Learning Objectives
• Describe an update on evidence based management of dentofacial deformities.
• Establish the state of the art in treatment planning for orthognatic surgery.
• Inform on current trends and use of technology in orthognatic surgery procedures.

Abstract
Treatment of dentofacial deformities has developed enormously enhanced by interdiscipline and technology. A great deal of new data has become available over the last 10 years. This session will focus on the scientific evidence behind management of these procedures.

Effective Mouthguards - Efficacy, Proper Design and Fabrication Method of Custom made Mouthguards
Yoshinobu Maeda (Japan)

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Learning Objectives
• Efficacy of mouthguards for preventing and reducing traumatic dental injuries
• Proper design and fabrication method for making custom made mouthguards
• UMaintenance and instructions for athletes using mouthguards
Abstract
In order to prevent and reduce traumatic injuries in maxillofacial regions as well as concussions during sports event, the use of properly designed and fabricated mouthguards should be promoted. In this symposium, we will discuss how to make effective mouthguards among different kinds of sports with scientific background data and epidemiological evidence.

Treating Occlusion Stetics and Function in The Older Adult
Beatriz Lewkowikcz (Argentina)

Time : 11:30 – 12:30
Room : El Parmar
Language : Spanish / Translation: English
Chair : Marcela Sanchez (Argentina)
CERP : 1

Learning Objectives
• To describe the importance of maintaining a healthy, functional masticatory system at all life stages
• To list at least 3 functional abnormalities frequently observed in the older adult.
• To discuss strategies to improve odontological approaches to healthy aging in the community.

Abstract
The masticatory system is a complex structure designed to chew, swallow, phonate and support breathing; all fundamental living functions organized by the neuromuscular system. Therefore, a stable and appropriate occlusion should be the goal of any treatment of the masticatory system at all ages. This is critically important since normal aging processes result in more vulnerable structures in older adults that are more susceptible to persistent dysfunctional habits. Thus, it is crucial that odontological interventions focus their efforts to maximize healthy aging via prevention and early treatment.

3D A New Turn in Real Dentistry
Cesar Pablo Fraire (Argentina)

Time : 11:30 – 12:30
Room : Glaciar Perito Moreno
Language : Spanish
Chair : Raquel Gonzalez (Argentina)
CERP : 1

Learning Objectives
• Enable students to identify 3D as an important tool for the diagnosis, prognosis and dental treatment
• That the students know and recognize the need of permanent training in digital Dentistry
• It is expected that at the end of the course, students will incorporate the systematization of the use of 3D in their daily practice
Meet The Expert Session
New techniques and materials for the anterior and posterior region with composites
Eduardo Mahn (Chile)

Time : 13:00 – 14:00
Room : Meeting Room 5
Language : English
CERP : 1

Meet The Expert Session
Missing Maxillary Lateral Incisors: Replacement or Canine Substitution?
Jose Carlos Elgoyhen (Argentina)

Time : 13:00 – 14:00
Room : Meeting Room 6
Language : English
CERP : 1

Top 10 List For Essential Drugs For An Emergency Kit
Daniel Pompa (United States of America)

Time : 14:30 – 17:00
Room : Cataratas Del Iguazu
Language : English / Translation: Spanish
Chair : Jose Ignacio Catania (Argentina)
CERP : 2.5

Learning Objectives
- Easily recognize and manage the most frequent life-threatening emergencies
- Implement three simple chair-side, non-invasive tests, to help avoid an emergency
- Determine when to administer the essential “Top10” emergency drugs
- Utilize a system and approach for each emergency depicted on color-coded cards

Abstract
This seminar will describe the essential drugs needed to create a medical emergency kit for your office. In addition, we will discuss three basic tests that can easily be performed to help in the physical diagnosis of a patients’ medical status. We will also discuss the “Conversational History” and how this can pick up many medical issues not revealed by the standard health history form. This can be performed by the dentist or staff and can prevent many potential medical emergencies from occurring.
**Perio-Prosthetic Fusion that Boosts Esthetics**
Maria Marta Fernandez (Argentina)
Carlos Adrian Fernandez (Argentina)

**Time**: 14:30 - 15:30  
**Room**: Lago Nauhe Huapi  
**Language**: Spanish / Translation: English  
**CERP**: 1  

**Learning Objectives**
Identify esthetic parameters for the diagnosis and treatment planning in comprehensive esthetic rehabilitation

**Abstract**
Nowadays the demand for esthetic treatments in dentistry shows a growing trend. More than ever we need to be prepared to satisfy patients higher expectations. To achieve this goal, it is essential to develop a comprehensive oral rehabilitation that focus on heath and lead to harmonic and maintainable esthetic results. Guidance for the proper management of these treatments will be discuss.

**Management of Cleft Lip and Palate**
Ruben Dei Castelli (Argentina)

**Time**: 14:30 – 15:30  
**Room**: Valle De La Luna  
**Language**: Spanish  
**Chair**: Sandra Marinelli (Argentina)  
**CERP**: 1  

**Learning Objective**
Changes in treatment protocols during 35 years

**Abstract**
During 35 years treating patients with cleft lip and palate we have seen many changes (technology advances, new specialists, orthopedic issues) that made us change our original protocol thinking always that we need to treat a patient with a cleft lip or palate and not just a lip or a palate.
Protocol of Rehabilitation with Implants in Area with Diminished Space
Jaime Acuna D’Avino

Time : 14:30 – 15:30
Room : Quebrada De Humahuaca
Language : Spanish / Translation: English
Chair : Nicolas Bottazzini (Argentina)
CERP : 1

Learning Objective
To provide the dentist clinical’s experience with rehabilitation through implant in an area with narrow width. The correct indication of narrow implants, planning and its protocol clinic and prosthetic

Abstract
The rehabilitation with implants has been made preferably based on implants of diameter between 3.7 to 4.1 mm with different prosthetic platform, at the beginning dentist put one-piece implants (monoblock) but with limited rehabilitation in inclined implants. Currently the design and technology allows to have implants with diameters of 3.2mm and less in its prosthetic’s platform and with the option of using different systems of abutment (straight or angulated), the objective of this lecture is to show clinical cases with its planning, surgery step and rehabilitation for cases of narrow space which requires rehabilitation through narrow-diameter implants

Halitosis Etiology, Pathogeny and Treatment
João Paulo Nascimento e Silva Pinto (Brazil)
Mauricio Duarte da Conceicao (Brazil)

Time : 14:30 – 15:30
Room : El Parmar
Language : English / Translation: Spanish
Chair : Carla Masoli (Argentina)
CERP : 1

Diagnostic and Treatment of Halitosis Main Causes and It’s Consequences
João Paulo Nascimento e Silva Pinto (Brazil)

Learning Objective
Diagnosis and best alternative treatment for each patient with impacted canines, evaluating risks and benefits.

Abstract
The prevalence of impacted canines is a great challenge for the orthodontist. Through a correct diagnosis using traditional methods, but incorporating 3D technology it is possible to arrive at the best treatment alternative for each patient. The lecture will detail different forms of diagnosis and treatment proposals.
Treatment of the main causes of Halitosis and its Psychological Aspects
Maurício Duarte da Conceição (Brazil)

Learning Objectives
• To help general dental practitioners to identify halitosis most common causes
• To help general dental practitioners to treat halitosis most common causes
• To help general dental practitioners to support patients with their self confidence

Abstract
Retained Teeth: the relative frequency of impacted and upper incisors, leads us to perform an early diagnosis to avoid possible complications. Definition: Are those that once the normal time of eruption and three quarters of its root formed, is not expected to erupt in a

Longevity Factors for Direct and Indirect Veneers Made in Composite
Bruno Riggio (Argentina)

Time : 14:30 – 15:30
Room : Glaciar Perito Moreno
Language : Spanish
Chair : Angela Ruiz (Argentina)
CERP : 1

Learning Objectives
• Composite restorations are one of the best alternatives in minimally invasive dentistry, resulting in aesthetic restorations of excellence.
• Allowing our patients to access aesthetic treatments of proven efficacy, with predictable results over time.

Abstract
There are many factors that make veneers in composite have a shorter longevity compared to other materials that we use in cosmetic dentistry. The protocols used to perform these restorations have numerous steps until their completion and subsequent follow-up over time. We will try to demonstrate in a clinical and laboratory manner, which of these factors are the most influential in the shorter longevity of veneers in composite and the way to minimize these effects, allowing to extend the life of our restorations.
Predictability and Strategies in The Anterior Sector  
Enrique Fernandez Bodereau (Argentina)

Time: 16:00 – 17:00  
Room: Lago Nahuel Huapi  
Language: Spanish / Translation: English  
Chair: Carlos Platero (Argentina)  
CERP: 1

Learning Objective  
• Analyze and understand the selection of materials to achieve excellence in aesthetics in terms of dental instruments and implants.  
• Offer planning and aesthetic treatments with implants and predictable regenerative techniques based on the scientific evidence.

Abstract  
This conference will be about the topics related to the integration of aesthetics, concepts and techniques for the treatment of multiple and isolated recessions. Bone Regeneration Guide in the anterior area with its Biological Base. Clinical cases about the different prosthetic resolutions on individual and multiple implants. Loading Protocols of Immediate Implants.

Implant Surfaces, Connections & Platforms  
Alejandro Maddalena (Argentina)

Time: 16:00 – 17:00  
Room: Valle De La Luna  
Language: Spanish  
Chair: Bruno Caffaro Freire (Argentina)  
CERP: 1

Learning Objective  
Analyze late systematic reviews and clinical expertise to make recommendations at the time of decisions.

Abstract  
There is an international consensus about the role of different surface treatment of implants as SLA, acid etching, combinations, etc. They agree that the roughness of the surface makes faster the osseointegration process. Likewise, different prosthetic/implant connections are today available, but internal ones seem to be most useful. Finally, there is a controversial issue concerning the probable less bone loss around implants with switching platform compare with identical platform diameter. Based on late papers, we’ll try to make some conclusions to make the treatment planning easier and successful.
How to Act In Front of a Legal Demand
Lupe Margarita Salazar Zurita (Panama)

Time : 16:00 – 17:00
Room : Quebrada De Humahuaca
Language : Spanish / Translation: English
Chair : Brian Murdoch (Argentina)
CERP : 1

Learning Objectives
• Sensitize dentists to perform a safe and quality dental practice
• Identify the steps to follow in the face of a lawsuit for malpractice
• Describe the actions that should be avoided in the face of a legal claim

Abstract
The dentistry consultation is the “defense method” against the demands. The legal evidence is conformed by: clinical history, informed consent, clinical records, peer consultations, examinations, x-rays and photos. The prevention of legal actions is achieved by raising the quality of services and scientific training. The clinical history reflects our actions. You must know the laws of the profession. We must guarantee means and not results, we must use safe medicines in a workplace that complies with biosafety. Faced with professional error keep personal and direct contact with patients.

Low Level Laser Therapy In The Daily Practice
Leo Stiberman (Argentina)

Time : 16:00 – 17:00
Room : El Pamar
Language : Spanish / Translation: English
Chair : Carolina Enriquez (Argentina)
CERP : 1

Learning Objectives
The objective of this lecture is learn the dentists to differentiate the different types of lasers, know their applications and how to improve their daily practice through their use.

Abstract
The low level laser has many applications in different dental situations that allow to improve the results of the conventional dentistry as well to provide greater comfort to the patient. We will show the benefits that the laser offers in all the specialities and how can be an affordable tool in every offices.
Patients with Special Needs
Maria Lucia Zarvos Varellis (Argentina)
Eliana Zamora (Argentina)

Time: 16:00 – 17:00
Room: Glaciar Perito Moreno
Language: Spanish
Chair: Fantilli Patricia (Argentina)
CERP: 1

Special needs in dentistry-a challenge to be won for integral health promotion
Maria Lucia Zarvos Varellis (Argentina)

Learning Objective
Draw attention a patient with special needs groups, the possible complications triggered by dental treatment and present suggestions of dental treatment for them.

Abstract
Patients with special needs are those who due to physical, medical, developmental or cognitive conditions require special consideration when receiving dental treatment (ADA). The purpose of this work is to draw attention a patient with special needs groups, the possible complications triggered by dental treatment and present suggestions of dental treatment for them. It includes patients with chronic systemic diseases, neurological diseases and motor changes, in addition to the elderly and pregnant women. This is an important specialty because it also presupposes hospital care.

The Dentist as Facilitator in the Dental Care for People with Disabilities
Eliana Zamora (Argentina)

Learning Objective
If the attitudes of the non-disabled towards people with disabilities is an issue with important consequences for social integration, more so when the “non-disabled” are precisely those professionals who have to ensure the health of these people

Abstract
People with disabilities need comprehensive dental care, studies indicate high prevalence of dental caries, periodontal disease, loss of teeth, among other problems. On the other hand, they warn about the lack of knowledge and / or training of professional dental care for this group of patients, as well as a negative attitude towards them. It is the dentist with his presence and attitude that modifies the actions of the patient, in this way the dentist can facilitate or hinder the dental care of people with disabilities.
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<tr>
<td>5 September 2018</td>
<td>10:00-12:00</td>
<td>Clearing, Myths and Realities</td>
<td>Enrique Jadad</td>
<td>Ultradent</td>
<td>Meeting Room 6</td>
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<td>13:00-15:00</td>
<td>Introduction to Digital Printing, Shape and Integration</td>
<td>Manuel Viva Tegada</td>
<td>3 Shape (Grimberg Dentales)</td>
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<td>14:00-16:00</td>
<td>Virtual Planning Based on Digital Design of Smile 3D, Digital Printing, Clinical Cases and Integrations</td>
<td>Gisela Nanni</td>
<td>Clear Smile</td>
<td>Nogal</td>
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<td>5 September 2018</td>
<td>10:00-12:00</td>
<td>Aesthetics with Composite Resins: Strategies to Achieve Success</td>
<td>Chavez Lozada</td>
<td>Dental Medrano</td>
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<td>13:00-15:00</td>
<td>Fiber Posts Step by Step to Achieve Predictable Results</td>
<td>Jose Luis Tumini</td>
<td>Angeluz</td>
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<td>14:00-16:00</td>
<td>Motivational Mockup - Dental Alignment</td>
<td>Gisela Nanni</td>
<td>Prolacte</td>
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<td>5 September 2018</td>
<td>16:30-18:30</td>
<td>Orthodontics in the Preadolescent Child. What are Your Goals and What Can we Achieve With an Early Treatment?</td>
<td>Joana Baden</td>
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<td>6 September 2018</td>
<td>10:00-12:00</td>
<td>Bone Regeneration</td>
<td>Jorge Galante</td>
<td>Roncoapnea</td>
<td>Meeting Room 2</td>
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<tr>
<td></td>
<td>10:00-12:00</td>
<td>Orthodontics in the Preadolescent Child. What are Your Goals and What Can we Achieve With an Early Treatment?</td>
<td>Joana Baden</td>
<td>Roncoapnea</td>
<td>Meeting Room 2</td>
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<td>14:00-16:00</td>
<td>Bone Regeneration</td>
<td>Jorge Galante</td>
<td>Roncoapnea</td>
<td>Odonit</td>
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<td>6 September 2018</td>
<td>14:00-16:00</td>
<td>Severe Atrophies in Implantology</td>
<td>Diego Pien</td>
<td>Roncoapnea</td>
<td>Odonit</td>
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<tr>
<td>7 September 2018</td>
<td>10:00-12:00</td>
<td>Modification of Biological Terrain</td>
<td>Alejandro Nestor Rodriguez</td>
<td>Rosterdent</td>
<td>Meeting Room 6</td>
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<tr>
<td></td>
<td>11:30-13:30</td>
<td>Ideal Protocol for Making Definitive Impressions</td>
<td>Nelson Loaiza Zhermack</td>
<td>Dental Medrano</td>
<td>Meeting Room 1</td>
</tr>
<tr>
<td>7 September 2018</td>
<td>14:00-16:00</td>
<td>Orthodontics in the Preadolescent Child. What are your Goals and What Can we Achieve With an Early Treatment?</td>
<td>Liliana Gimenez Florencio Poleti Andrea Martinez Garcia</td>
<td>Dental Medrano</td>
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<td>14:00-16:00</td>
<td>Severe Atrophies in Implantology</td>
<td>Diego Pien</td>
<td>Roncoapnea</td>
<td>Odonit</td>
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<td>Company</td>
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<td>Nelson Loaiza Zhermack</td>
<td>Zhermack</td>
<td>Meeting Room 1</td>
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<td>14:00-16:00</td>
<td>Implant Systems and Geometric Designs by ML</td>
<td>Lucas de Los Rios Andres Lopez</td>
<td>ML Implant System</td>
<td>Meeting Room 4</td>
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<td>Conventional Drills vs Drills with Auto-Stop Implant Retrieval Bone Collector Drill</td>
<td>Lucas de Los Rios Andres Lopez</td>
<td>ML Implant System</td>
<td>Meeting Room 1</td>
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<td>16:30-18:30</td>
<td>Self-Ligating Course</td>
<td>Alexandre Gallo Lopes</td>
<td>Orthodent</td>
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<td>Veneers Without Dental Wear</td>
<td>Sabrina Grella DenMat</td>
<td>DenMat</td>
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### Conflict of Interest Declarations

**Declared by congress speakers as of 6 August 2018**

<table>
<thead>
<tr>
<th>Speaker</th>
<th>Affiliation/Financial interest</th>
<th>Corporate Organization</th>
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<tbody>
<tr>
<td>Prof David Bartlett</td>
<td>Research Support</td>
<td>GSK - PhD funding consultancy</td>
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<td>Consultant</td>
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<td>Honorarium</td>
<td>GSK Unilever</td>
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<tr>
<td>Dr Lars Christensen</td>
<td>Consultant</td>
<td>3Shape Copenhagen</td>
</tr>
<tr>
<td></td>
<td>Description</td>
<td>I serve on the advisory board to the orthodontic section at 3Shape. I will not receive any support whatsoever for the presentation at the DFI meeting.</td>
</tr>
<tr>
<td>Dr Mauricio Conceicao</td>
<td>Description</td>
<td>I am the owner of Halitus Products, that sells products I have developed to help treat Halitosis and Dry Mouth.</td>
</tr>
<tr>
<td>Dr Monika Daubländer</td>
<td>Research Support</td>
<td>3M Germany, Sanofi</td>
</tr>
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<tr>
<td>Dr Monica Dominguez</td>
<td>Employee</td>
<td>Smile Train</td>
</tr>
<tr>
<td></td>
<td>Description</td>
<td>Employee of Smile Train, Area director for Mexico, Central America and Caribbean.</td>
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<tr>
<td>Prof Roland Frankenberger</td>
<td>Research Support</td>
<td>3M, Ivoclar, Dentsply, GC</td>
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<tr>
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<td>Honorarium</td>
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<td>Other</td>
<td>GSK CH (GlaxoSmithKline Consumer Healthcare)</td>
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<td></td>
<td>Description</td>
<td>- GSK CH commissioned this presentation for the purpose of this Symposium</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- GSK CH provided funding to develop and deliver this presentation</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- GSK does not employ me and I do not receive benefits from GSK</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- Opinions in this presentation are my own and not those of GSK</td>
</tr>
<tr>
<td>Dr Leonardo José Frisia</td>
<td>Consultant</td>
<td>Zimmer Biomet</td>
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<td>Dr Juan Ibáñez</td>
<td>Consultant</td>
<td>Colgate Research Consultant</td>
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<tr>
<td>Dr Cassiano Kuchenbecker Rössing</td>
<td>Consultant</td>
<td>Scientific Director, Curaden Swiss of Brazil</td>
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<tr>
<td>Prof Dr Hugo Lewgoy</td>
<td>Other</td>
<td>GlaxoSmithKline Consumer Healthcare Research &amp; Development</td>
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<tr>
<td>Dr Stephen Mason</td>
<td>Employee</td>
<td>Employee and Medical Affairs Director, Oral Heath of GSK CH R&amp;D, responsible for sponsoring or supporting industrial research in Academic institutions globally</td>
</tr>
<tr>
<td></td>
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<td>Speaker</td>
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<tr>
<td>Prof Dr Carlos Alberto Monteagudo Arrieta</td>
<td>Research Support Honorarium Employee</td>
<td>P&amp;G Oral B + Crest latinoamerica Procter and Gamble Mexico Sebastian Galleano</td>
</tr>
<tr>
<td>Dr Francisco J Ramos-Gomez</td>
<td>Research Support Consultant Stock Shareholder</td>
<td>Sonicare 3M, Sonicare, GC, Colgate Colgate</td>
</tr>
<tr>
<td>Prof Ralf Schulze</td>
<td>Research Support Description</td>
<td>Sirona Dental Systems GmbH, Bensheim, Germany Research project funded by Sirona regarding the Orthophos SL panoramic and CBCT radiographic device.</td>
</tr>
<tr>
<td>Dr Stéphane Simon</td>
<td>Research Support Consultant</td>
<td>Dentsply Sirona, Septodont Dentsply Sirona, Septodont, Itena</td>
</tr>
<tr>
<td>Dr Michaela von Geijer</td>
<td>Employee Description</td>
<td>TePe Oral Hygiene Products AB Part time employed by TePe Oral hygiene Products AB, Sweden.</td>
</tr>
<tr>
<td>Prof Angus Walls</td>
<td>Consultant Research Support Consultant</td>
<td>GlaxoSmithKline GSK, Johnson &amp; Johnson, Church &amp; Dwight, and Novartis Pharmaceuticals Corporation Colgate</td>
</tr>
<tr>
<td>Prof Domenick Zero</td>
<td>Description</td>
<td>I am currently the Principal Investigator on several clinical studies with oral care product and pharmaceutical companies in my role as an academic researcher at Indiana University School of Dentistry, namely, GSK, Johnson &amp; Johnson, Church &amp; Dwight, and Novartis Pharmaceuticals Corporation. As Director of the Oral Health Research Institute I am indirectly involved with the testing of many oral health care products for a wide array of companies around the world. I have recently entered a consulting relationship with Colgate. I will not be mentioning by name any oral care products during my presentation.</td>
</tr>
</tbody>
</table>
Invited Speakers
Invited Speakers

Acuna D’avino, Jaime

Page: 129

Dr Jaime Acuña DDS Implantology and Periodontic Speaker national and international about implantology, regeneration bone
Postgrade Professor of University of Santiago Chile

Aguilar, Jorge

Page: 41

Prof. Dr. Jorge E Aguilar • Associate Professor of Periodontics at the Universidad del Salvador-AOA.

• Director of the “Master in Dental Implantology” of the Universidad del Salvador-AOA.

• Director of the Department of General Coordination of Research of the Argentine Odontological Association.

Aguilar, Miguel

Page: 40

Since 2014 he works in the Administrative management of the Costa Rican Dental Association. Since childhood he felt identified with health sciences and made the decision to study the noble profession of Dentistry in 1996, at the Universidad Latina de Costa Rica. This dentist has a Master’s degree in Public Health Service Management and is passionate about the social interaction that has allowed him to practice dentistry. He intends to continue generating and promoting projects that contribute to the improvement of oral health promotion.

Albertini, German

Page: 113

Specialist in Prosthodontics. ITI fellow & speaker International Conferencist
Invited Speakers

Alvarez Cantoni, Hector

Page: 121

Fixed Prosthodontics Department, Associate Professor (Fouba) - Postgraduate Program in Dentobucomaxilair Implant Prothesis Specialization, Director (Fouba) - University Of Buenos Aires, School Of Dentistry, Dean - Author Of The Collection: "Foundations, Technics & Clinic In Oral Rehabilitation, Volume I & II, Volume III In Press, Quintaessence Publishing House.

Araújo, Maurício

Page: 91

Dr Araújo is a Periodontist working both in private practice and at The State University of Maringa, Brazil. He completed his PhD at The University of Gothenburg, Sweden. He is the Chairman of the Perio/Implant Research Unit, State University of Maringá. He is an ITI Fellow and Osteology Foundation Board member. He is member of the editorial board of several journals.

Baba, Kazuyoshi

Page: 69, 112

A significant change taking place this century is the introduction of digital technology into dental practice, which is called “Digital Dentistry”. For example, CAD/CAM-based fabrication of the restorations and software-based 3D implant placement planning, are now indispensable for prosthetic treatments. Recently the direct oral scanning technology has expanded the popularity in the market because the digital impression decisively simplified the clinical workflow by making it easier and visible for both patients and dentists. The lecture will cover the latest advancements of digital dentistry as well as related newly developed dental materials and discuss their merits and impact on prosthetic dentistry.

Bachur, Ricardo

Page: 100

Doctor in Dentistry - Professor of the Chair of Surgery III. Faculty of Dentistry, National University of Cordoba, Argentina - Director of the Specialty in Buco-Maxillo-Facial Surgery Faculty of Dentistry, National University of Cordoba, Argentina - Specialist in Oral Surgery, title awarded by the National University of Cordoba, Argentina - Specialist in Buco-Maxillo-Facial Surgery and Traumatology granted by the Argentine Odontological Association.
Invited Speakers

Bechelli, Diego

Periodontist and Prosthodontist, Speaker & Fellow of the International Team for Implantology (ITI).

Berli, Carlos Manuel


Besinis, Alexander

Lecturer at the School of Engineering and Peninsula Dental School, University of Plymouth, UK. Over 30 peer-reviewed scientific articles and research abstracts in high impact factor international journals (ACS Nano, Nanotoxicology, Dental Materials). Research interests in engineered nanomaterials, nanocoatings, medical engineering, tissue remineralisation, antibacterial and biocompatibility studies. Fellow of the Higher Education Academy, Member of UKSB, BSODR, IADR.

Blanco III, Roberto

**Bordoni, Noemi**

PhD. • Emeritus Professor, UBA • Director of Institute for Public Health Research, UBA • More than 30 Awards for research projects, scientific activities, honors nominations and fellowship. Among them: Senior Researcher by IADR/LAR (2012) and Great Teacher of Dentistry by the University of Buenos Aires (2009 y 2010) • More than 600 courses and lectures. • Author of books, books chapters and more than 200 scientific papers or technical reports.

**Bönecker, Marcelo**

Professor and Chair of Paediatric Dentistry Dept - Dental School, University of Sao Paulo; President Elect of International Association Paediatric Dentistry (IAPD); Chair of the Brazilian ACFF Chapter.

**Caballero, Zoraida**

Doctor in Dentistry (Universidad del Norte - Paraguay) Specialist in Pediatric Dentistry and Community Health (Universidad Autonoma del Paraguay) Degree in CTBMF of small and medium complexity (COCH - Argentina) Executive Member of the Dental Federation of Paraguay Research Professor of Universidad Nacional del Este - Paraguay Public Health Professor of Universidad del Norte - Paraguay

**Cacchione, Miguel Angel**

Invited Speakers

Capusotto, Anibal Omar

Speaker. Periodontist and Prosthodontist, Speaker & Fellow of the International Team for Implantology (ITI)

Chavarria Bolaños, Daniel

Doctorate degree in Dental Sciences, • Master degree in Endodontics. • Doctorate degree in Science of Materials. • Doctorate degree in Biomedical and Pharmaceutical Sciences. • Currently, Researcher and Professor at the Faculty of Dentistry, University of Costa Rica. Researcher at the National Laboratory of Nanotechnology. Private practice limited to endodontics.

Chediak Barbur, Odel

D.D.S. Universidad Javeriana
Specialist in management in health services U. Coop de Colombia
Specialist in periodontics and osseointegration U. Coop de Colombia
Chairman and Professor, Department of Oral oncology, National Cancer Institute, Bogota, Colombia
Assistant Professor of the Rosario University in the postgraduate programme of Otorrinolaringology
Christensen, Lars
Page: 58, 66

Dr. Christensen graduated from the Royal Dental College, Copenhagen, Denmark in 1990. He received his PhD in 1993 from the Department of Orthodontics and the Department of Medical Anatomy at the University of Copenhagen. After postgraduate studies at Guy's and St Thomas’ Hospital he gained an MSc in Orthodontics and the Membership of the Royal College of Surgeons of Edinburgh. Dr Christensen is in private practice in Oxford, UK. He is an Honorary Clinical Lecturer at UCL Eastman Dental Institute, London. He has presented more than 320 lectures around the world. He is a member of the British, European and American Associations of Orthodontics, The British Lingual Orthodontic Society and is an active Member of the Southern California component of the Edward H Angle Society.

Cometti, Juan Carlos
Page: 120

Specialist in Orthodontics accredited by the Argentine Society of Orthodontics. Private practice with exclusive dedication. Chairman of Orthodontics I Universidad del Salvador Director of the Postgraduate Specialization Course of Orthodontics and Maxillary Orthopedics. Universidad del Salvador Dr. Cometti is a national and international lecturer, participating in numerous congresses, meetings and seminars.

Contreras Leal, Luis Douglas
Page: 43

Maxillofacial Surgeon Master in Oral Implantology Master’s Program Coordinator in Oral Implantology at Catholic University, Nicaragua. International and National Speaker. Former President of Dentistry Federation of Central America and Panama.

Cordero, Manuel A.
Page: 30

Dr Cordero graduated in 1983 from Temple University’s Kornberg School of Dentistry in Philadelphia. He dedicated his life to helping the general dentists improve by providing hands on training and support via the AGD of which he has been President since 2017. He has taught in the USA and internationally on restorative techniques and dental materials.
**Invited Speakers**

**Creugers, Nico H.J.**

Dr Creugers is full professor of Prosthodontics and Oral Function at Radboud University. His research interests focus on minimal invasive dentistry and functional dentitions. He published over 200 peer reviewed scientific papers.

**Dagum, Hugo**

- DDS & Dento Maxillo Facial Radiologist. Ministry of Health Argentina.
- Assistant Professor Oral Radiology Universidad del Salvador.
- Scientific Director Instituto Radiologico Dental HD
- President of AADIMAX, Argentine Association of DMFR
- President of ALARID, Latin American Association of DMFR
- Jury Concourse Head Professor Dental Radiology FOUBA
- Head Professor Post Graduate School AOA

**Dartevelle, Sophie**

President of the French Union for Oral Health –UFSBD. Member of Public Health Committee of FDI. She gained her DDs and her DEA 'Tissus squelettiques et apatites' from the University Louis Pasteur, Strasbourg. Director of a WHO collaborating Center.

**Daublaender, Monika**

President of the French Union for Oral Health –UFSBD. Member of Public Health Committee of FDI. She gained her DDs and her DEA 'Tissus squelettiques et apatites' from the University Louis Pasteur, Strasbourg. Director of a WHO collaborating Center.
She graduated in Dentistry from the School of Dentistry of Bauru-Universidade de São Paulo / FOB-USP (1965) and has a PhD in Restorative Dentistry (1970). Currently she is Senior Professor of USP and Senior Researcher of the National Council for Scientific and Technological Development (CNPq). She was President of the Brazilian Group of Professors of Operative Dentistry, Dean of FOB-USP and Secretary General of USP and IADR President (2010-2011). She has published 225 articles, 7 chapters of books and 7 books with emphasis in Clinical Dentistry, Dental Materials and Preventive Dentistry.

Dentist
Coordinator of the National Commission of Prevention of CORA
Former President of the Circulo Odontologico de Catamarca

Dei Castelli, Ruben

Graduated from dental school in 1995 from University of Campinas – Campinas. Master degree in Psychology from Universidade Sao Francisco – Itatiba – Brazil; Specialized in Halitosis from Sao Leopoldo Mandic University, Campinas – Brazil; Breath Clinics in Sao Paulo and Campinas, Brazil, since 1995; Author of the books “Bom Halito e Segurança”, Portuguese version (2013) and “Buen Aliento y Seguridad”, Spanish version(2014); President of the Brazilian Association of Breath Research (ABAHA). Speaker at many Brazilian and International Congresses.)
Devecchi, Jose Rafael

Page: 24

Professor Preclinical Prosthetics Chair - Faculty of Dentistry. National University of the Northeast - Argentina Former President of the Society of Operative Dentistry and Dental Materials. Argentine Odontological Association Director of the “Integrated Adhesive Aesthetic Dentistry Course". COC. Director Postgraduate Course “Integrated Fixed Prosthetics” Circulo Odontologico Correntino. Argentina Lecturer at National and International Congresses and Conferences in the country and abroad.

Dianiskova, Simona

Page: 58


Duarte da Conceicao, Mauricio

Page: 129

Graduated from dental school in 1995 from University of Campinas – Campinas. Master degree in Psychology from Universidade Sao Francisco – Itatiba – Brazil; Specialized in Halitosis from Sao Leopoldo Mandic University, Campinas – Brazil; Breath Clinics in Sao Paulo and Campinas, Brazil, since 1995; Author of the books “Bom Halito e Seguranca”, Portuguese version (2013) and “Buen Aliento y Seguridad”, Spanish version(2014); President of the Brazilian Association of Breath Research (ABAHA). Speaker at many Brazilian and International Congresses.

Edelberg, Martin

Page: 35, 39, 41

D.D.S., M.S. and Doctoral Degrees, School of Dentistry, Buenos Aires University. - Dental Materials Emeritus Professor. - Director, Postgraduate School, University del Salvador/Argentine Dental Association. - Director, Postgraduate Program in Operative Dentistry and Biomaterials, Cuyo National University, Mendoza, Argentina. International Research Advisor, School of Dentistry, University del Desarrollo, Chile. - International lecturer, chapters in dental textbooks, papers published in dental journals.
Eden, Ece

Graduated from Ege University in 1988, received her PhD in 1995. Appointed as Associate Professor in 2000, as Professor in 2006. Currently, Professor in Ege University, Department of Pedodontics and lectures dental and medical students, supervised PhD students, directed numerous research projects. She is Turkish translator Editor of 'Traumatic Dental Injuries: A Manual' 2014, Editor of 'Evidence-Based Caries Prevention' 2016.

Elgoyhen, Jose Carlos

Professor Emeritus, Salvador University, Buenos Aires, Argentina Past Professor and Chairman, Department of Orthodontics, School of Dentistry, Salvador University, Buenos Aires, Argentina Past Director of the Advanced Orthodontic Program, School of Dentistry, Salvador University, Buenos Aires, Argentina Past research associate at the Center for Human Growth and Development, University of Michigan. Elmer Best Memorial Award bestowed by the Pierre Fauchard Academy for distinguished contributions to dentistry President of the Scientific Committee, 75th World Congress of the FDI, Buenos Aires, Argentina 1987 Past Member of the Scientific Committee of the FDI 1989-1993

Emmer, Giovani David

Specialist in Dental Radiology by São Leopoldo Mandic-SP Master’s Degree in Dental Radiology in progress by São Leopoldo Mandic-SP Radiologist responsible for private radiology center.

Emmer, Jose Antonio

Jose Antonio Emmer, Surgery, Dentist, Brazilian, Director responsible for the Emmer-rehabilitation oral bucket advanced -Paraguay / Brazil; Specialist in implantology; Specialist and master in orthodontics and facial orthopedics; Founder and president of the Santa Rita Foundation PY, a private and non-profit institution, is headquartered in PY. Created to support oral health and continuing education in dentistry.
**Ergin, Uğur**

Graduated and received Dr. Med. Dent degree in Prosthodontics from University of Istanbul, School of Dentistry Visiting Prof. in Università degli Studi Guglielmo Marconi Working in his own private practice with specific focus on implantology with CAD-CAM technology Chief Editor of the Turkish version of Das Dental Labor Member of Straumann Lab Academy, TDA International affairs, ITI Turkey-Azerbaijan Leadership team.

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**Ermer, Michael**

Michael Ermer, MD, DDS, is specialist and consultant in Oral and Maxillofacial-Surgery and Regional Plastic Surgery. He studied medicine and dentistry at the University of Cologne. Since 2009 he is working at the Department of Oral and Maxillofacial Surgery, University Medical Center Freiburg, Germany. His main scope is on 3-D reconstruction in trauma patients, head and neck oncology and clinical research projects investigating the relationships between oral and general health.

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**Fernandez Bodereau, Enrique**

Argentine./Specialized Director of Prosthesis and Implantology, National University of Cordoba. Argentina.Fellow ITI and Speaker (International Team for Implantology - Switzerland) and Former Chairman of ITI Section Argentina.(2006-2010) Author of 2 textbooks about Fixed Prosthesis and Implantology and co-author of more than 10 specialized books. Course teacher in Argentina, Latin America and Europe.

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**Ferrari, Diego**

Marco Ferrari (MD, DMD, Ph D) is Professor and Chair of the Department of Prosthodontics and Dental Materials at the University of Siena, Italy. He is also Dean of the School of Dental Medicine of the University of Siena. Dr. Ferrari obtained his MD (1983) from the University of Pisa, DMD from University of Siena and Ph D from ACTA, Netherlands. He implemented the international Ph D program on Dental materials and their clinical applications and later on Dental Biotechnologies, in the University of Siena. He is also Professor of Restorative Dentistry at Leeds University UK, Research Professor at Tufts University, Boston, and Visiting Professor of Rochester University, Xi'an University. He is Past President of European Federation of Conservative Dentistry, Academy of Dental Materials and Continental European Division of IADR. Dr. Ferrari has published over 350 research papers, has 1 patent and other 2 pending applications. His research focuses was for a long time on bonding, resin composites and reinforced restorative materials, and then on zirconia, lithium disilicate, luting materials, and digital dentistry. He sits on Editorial boards of several journals and serves as referee for all major journals in dentistry.

Filipović Zore, Irina

Full professor at the Department of Oral Surgery, School of Dental Medicine, University of Zagreb and specialist of Oral Surgery. Over 25 years of experience in clinical practise, research and teaching undergraduate students and candidates during training for a specialist of oral surgery degree. Also teaching in postgraduate specialistic and scientific studies at the School of Dental Medicine University of Zagreb. Principal teacher of Preclinical Oral Surgery and teacher of Oral Surgery and Dental Implantology at the School of Dental Medicine University of Zagreb and Dental Medicine at the School of Medicine University of Zagreb. Author and/or co-author of 50 CC/SCI papers. President of Croatian Society for Oral Surgery.

Fraire, Cesar Pablo

Odontologist graduated from the University of Buenos Aires Faculty of Odontology in 1996. Specialist in Orthodontics in 2006. Professor at the University of Bs. As. Faculty of Odontology in the Orthodontic chair since 1996. Former professor at the University of Bs. As. Faculty of Odontology in the Prosthesis chair. Former boss of the Assisting teaching service from the Argentine Circle of Odontology. 1st prize Presentations Free Topics XXVII International Congress of the Argentine Circle of Odontology. Head of the 3D Area at the Argentine Circle of Odontology. Dictator of theoretical and practical courses in 3D Odontology.
Frankenberger, Roland

Born 1967, DMD 1992 (University of Erlangen), 2000 PhD (University of Erlangen), 2009 Chairman, Department for Operative Dentistry and Endodontics, University of Marburg. 2012-15 Dean of Marburg Dental School, 2012-14 President of the German Association of Conservative Dentistry, since 2012 Board Member of the German Association of Endodontontology, since 2016 President elect of the German Association of Dentistry and Oral Medicine, since 2016 Dean for Student Affairs in Medicine.

Frencken, Jo

Associate Professor in Minimal Intervention Dentistry at the Radboud University Nijmegen, the Netherlands before his retirement. He has been employed as a private practitioner, researcher, university lecturer and policy maker in Malawi, Tanzania and Zimbabwe. His current interest covers minimal intervention dentistry, the Atraumatic Restorative Treatment approach, epidemiology, and oral health services. He holds three Guest Professorships and received a number of distinctions.

Fukai, Kakuhiro

Kakuhiro Fukai, D.D.S., Ph.D., is director of the Fukai Institute of Health Science. He also serves as chair of the FDI Oral Health for Ageing Population Task Team, visiting professor at Kanagawa Dental University, visiting researcher at Japan’s National Institute of Public Health, director of the 8020 Promotion Foundation, and vice president of the Japanese Society for Oral Health. His research activities focus on global oral health and the link between oral and systemic health.

Galante, Jorge

Gallant, Marshall

Member of the board of directors for the ADA Foundation. Member of the ADAF International Programs Committee. Member of the Public Health Committee of FDI. He received his DMD from the University of Connecticut and did a one year general practice residency at the Veterans Administration Hospital in San Juan, Puerto Rico. He currently is the Chief of Dental Services at the VA Hospital in Grand Junction, Colorado.

Glick, Michael

Michael Glick is Professor, University at Buffalo, United States. He has authored more than 300 publications, and has edited and co-edited 10 books. Dr. Glick served as chair for the Vision 2020, World Dental Federation (FDI), and is co-chairing the FDI Vision 2020 Think Tank. Dr. Glick is the Editor of The Journal of the American Dental Association.

Goldberg, Fernando


Gotta, Sergio

Specialist in Oral and Maxillofacial Surgery Professor of the chair of surgery and traumatology bucomaxillofacial III of the Faculty of Dentistry of the UBA, Argentina. Co-director of the specialization course in Surgery and Traumatology BMF. FOUBA ExProf associates of the Dto. of implantology of the dental medicine school of the University of Pittsburgh. USES. ExProf. holder of oral Implantology of the J.F.K. Argentina. Former President of the Sociedad Argentina de Cirugía y Traumatología BMF. Argentina.
**Invited Speakers**

**Gudiño, Sylvia**

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DDS, Faculty of Dentistry, University of Costa Rica
Specialist in Pediatric Dentistry
Hospital San Rafael, Madrid, Spain
Master of Philosophy, University of Bergen, Norway
Professor and Coordinator of the Pediatric Dentistry Specialty, University of Costa Rica
Calibrated and recalibrated in “Concordance in Visual and Tactile Diagnosis of Dental Caries, ICDAS Criteria

**Gürgan, Sevil**

Page: 67

Sevil Gurgan was graduated from the Hacettepe University School of Dentistry, Ankara, Turkey and got her Ph.D. degree, as at the Department of Restorative Dentistry of the same school. She had been as a visiting Professor at the New York University School of Dentistry and at the Tufts University School of Dentistry in Boston. She is an active member of International Association for Dental Research, past board Member of International Association for Dental Research Continental European Division (2009-2012), board member of the European Academy of Operative Dentistry. She acted as the vice President of Hacettepe University between 2008-2012 and head of the Department of Restorative Dentistry of the Dental Faculty between 2005-2011. Currently she is professor at the same department. She has several articles published on dental materials and dental bleaching and has been giving lectures and courses in national and international congresses and meetings for more than 25 years.

**Hadzik, Jakub**

Page: 107

Jakub Hadzik is assistant at the Department of Dental Surgery at the Medical University of Wroclaw, Poland.
He is author and co-author of over 60 peer-reviewed publications. He has presented during numerous scientific conferences, and in recent years his contributions have been awarded at the conference of the European Society for the Osteointegration of the EAO in Paris, the German Society for Implantology DGZI in Munich and during the FDI World Dental Congress in Madrid and Poznan.
He is an active member of the European Society of Osteointegration and in 2017 was elected to the presidium of the Polish Dental Association.

**Harfin, Julia**

Page: 110

Professor and Chairman of the Orthodontic Department at the School of Dentistry Maimónides University
Member of the Executive Committee of the WFO 2000-2010
President of the Argentine Society of Orthodontics 1990-1996
President of ALADO 1999-2008
Herrera, David


Ibanez, Juan Carlos

Dr Juan Carlos Ibáñez has been teaching post graduate courses in the area of Occlusion and Implantology for 35 years. He is the Director of the programme of Oral Implantology of the Cordoba Catholic University and has published numerous articles in domestic and international journals. Besides has private practice in Cordoba Argentina dedicated to Implantology doing both surgical and prosthetic treatment and also laboratory procedures.

Ibarra, José

José Ibarra is Education and Public Health Manager at FDI World Dental Federation. Graduated in Business Economics, he worked as innovation consultant and conducted several studies implying statistical sampling and data analysis. Since 2016, he is project manager of different initiatives at FDI, mainly the OHO, the Peri-Implant Diseases Project, the Dental Ethics Manual, the development of Policy Statements and the coordination of the Dental Practice Committee (DPC).

Ibarra, Juan

Certified dentist in FOUNT, Universidad Nacional de Tucumán, Argentina. 1985.University professor: Head of Practical Works in Oral Prosthesis II Exhibitor of postgraduate courses at the National University of Tucumán, and COT (Association of dentists of Tucuman) President of the section of Prosthodontics.Member of Prosthodontics Association Argentina (A.O.A)International speaker on prosthetics and oral rehabilitation.Health Advisor for the Argentine North of FRASIM, association of help to disabled children and their families.

Innes, Nicola

Professor of Paediatric Dentistry and Head of Department/ Associate Dean for Learning and Teaching, University of Dundee. Research interests broadly around improving patient care and outcomes in paediatric dentistry and caries management. Background in clinical trials, systematic reviews, guideline development. Principal investigator on multi-centre NIHR-funded clinical trials and collaborator on German, Australian, Brazilian, US and New Zealand based cariology trials.
Iyer, Shankar

Page: 46

- President AAID • Clinical Asst. Professor, Departments of PG Periodontics, PG Prosthodontics, Rutgers University, NJ, USA. • Course Director, AAID Maxicourse Asia – Saudi Arabia, Abu Dhabi, India • Diplomat, American Board of Oral Implantology/Implant Dentistry • Fellow, American Academy of Implant Dentistry • Fellow, Greater New York Academy of Prosthodontists • Published several articles in peer-reviewed journals • Director, Smile USA Center for Reconstructive Dentistry

Jadad, Enrique

Page: 44

Dentist, Specialist in Prosthetic Dentistry Universidad Javeriana, Fellow in Dental Implants from ICOI, Master in Dental Implants from ESI Barcelona, Columnist in Dental Tribune International, Lecturer in more than 50 Countries in America, Europe and Asia, Winner of the award in honor of Science from the International Academy of Gnatology, Buenos Aires Argentina in 2006.

Jin, Li Jian

Page: 54, 66

Prof. Jin is the Modern Dental Laboratory Professor in Clinical Dental Science and Professor of Periodontology at the Faculty of Dentistry, The University of Hong Kong; a FDI Councilor, Chair of FDI Global Periodontal Health Project Task Team, Member of FDI Vision 2020 Task Team and former Chair of FDI Science Committee; and Past-President of Asian Pacific Society of Periodontology.

Kano, Paulo

Page: 24, 34, 69

Master in Implantology Visiting Professor: Department of Restorative Dentistry - Federal University of Santa Catarina (UFSC) Visiting Professor: Department of Restorative Dentistry - Brazilian Dental Association (ABO) Emeritus member of the Brazilian Society of Esthetic Dentistry (SBOE) Dental Technician since 1974 Director of the Paulo Kano Institute Author of “Challenging Nature” Clones Concept creator
Keeve, Philip
Page: 64
Periodontist & oral surgeon in private practice, Hameln, Germany and former Head of Department of Periodontology, Dental Clinic Schellenstein, Olsberg, Germany.

Kell, Kathryn
Page: 41, 54
Dr. Kathryn Kell is President of the FDI World Dental Federation. She received her DDS from the University of Iowa College of Dentistry in 1979 and a Masters in Health Care Administration from St. Ambrose University in 1999. She was previously a member of the ADA Board of Trustees, President of the Iowa Dental Association and President of the American Association of Women Dentists.

Kohen, Sergio
Page: 92
Dr. Sergio Kohen author of 2 textbooks on aesthetics and Whitening, and co-author of more than 10 specialization books. Teacher of courses in Argentine, Latin America and Europe.

L'Herron, Roland
Page: 61
Dr Roland L'Herron has been a general dentist for 40 years in his own liberal dental office. Former president of the CNSD, the leading dental organization of France, he now chairs the ADF international Affairs Committee. He also chairs the ERO-FDI Working Group “Quality of Care.” and is a member of the FDI Dental Practice Committee.
### Lamster, Ira

Page: 41, 71, 101

Dr. Lamster is currently Dean Emeritus, Columbia University College of Dental Medicine, and Professor, Department of Health Policy and Management, Mailman School of Public Health. His research has focused on oral manifestations of diabetes. Dr. Lamster is now editor of the International Dental Journal.

### Lang, Niklaus P.

Page: 88, 105

Professor Emeritus, University of Berne, Switzerland, Dr. odont. h.c. of Aristotle University of Thessaloniki, Greece, 2011, University of Gothenburg, Sweden, 1997, University of Argentina, 1994 and University of Athens, Greece, 1989. Basic Science in Periodontal Disease Award of the IADR, 1992, Norton M. Ross Award of the ADA 2015. Honorary member of 12 National Societies of Periodontology and the European Association for Osseointegration (EAO). Platinum medal of the SEPA. Published over 640 articles in peer-reviewed journals and several textbooks.

### Lanis, Alejandro

Page: 91

Dr. Alejandro Lanis graduated from University of Valparaiso in 2008 and followed a residency program in Oral and Maxillofacial Implantology at the University of Chile where he obtained his specialist degree in 2012. In 2013 he moved to Ann Arbor MI, where he was an ITI Scholar at the University of Michigan School of Dentistry under the tuition of Prof. Dr. William Giannobile. Currently he is working in Santiago de Chile in Alvarez & Lanis Odontologia, a specialized dental center dedicated to advanced prosthodontics, implantology and digital dentistry. Dr. Lanis is an ITI Fellow, ITI Registered Speaker and Constituent Member of the International College of Prosthodontists.

### Leal, Soraya

Page: 119

Graduated from University of Uberaba in 1991. She is specialist in Pediatric Dentistry since 1995. Her master was obtained in 1999 and her PhD in 2003, both at the University of Brasilia. Associate Professor of the Pediatric Dentistry Department, University of Brasilia. Supervisor of Master and PhD students at the Post-graduation program in Health Science, University of Brasilia.
Dr. Beatriz Lewkowicz was the Director of the Orthodontics and Maxillofacial Specialty Program at the UNIVERSIDAD FAVALORO-ATENEO ARGENTINO DE ODONTOLOGIA from 2002 to 2017. In particular, she directed the program “Orthodontics for Older Adults”. She has received numerous prestigious awards and has an extensive publication record. Dr Beatriz Lewkowicz has been invited to present and expose her work nationally and internationally in numerous occasions.

Jina Lee Linton is an American Board certified orthodontist in Seoul Korea. She received her DDS and PhD degrees at Yonsei univ. in Korea, and received a certification in orthodontic training and a MS degree at Columbia University in New York. She is an attending professor of three university hospitals in Korea for her expertise in craniofacial anomalies. She served as the president of Korean Women Dentist Association and the vice president of Korean Dental Association.

Stefan Listl is a dentist and economist. He is full professor in quality and safety of oral health care (Radboud University) and director of Translational Health Economics (Heidelberg University). His research activities have been supported by institutions such as the European Commission and NIH (USA). He is a member of the FDI Vision 2020 Think Tank.

Edward C.M. Lo is chair professor of Dental Public Health in the University of Hong Kong. He is a past President of the International Association of Dental Research (IADR) Asia-Pacific Region and a past IADR Treasurer. His research interest is in oral epidemiology and preventive dentistry. He has published over 230 papers in international scientific journals.
Invited Speakers

Loguerico, Alessandro
Page: 60
Professor (Operative Dentistry and Dental Materials) at the School of Dentistry, State University of Ponta Grossa, Brazil. Main research interests: bonding to enamel/dentin and evaluation of bleaching techniques, both issues with focus in durability in lab and randomized clinical trials. More than 300 peer-reviewed scientific articles in PubMed. Editorial board member: Journal of Adhesive Dentistry; International Journal of Adhesives & Adhesion and BMC Oral Health. Member of Academy of Dental Materials and IADR. Researcher with funding of CNPq (Brazilian research agency) for more than 20 years.

Lourdes Basso, Martha
Page: 45
DDS, School of Dentistry ,University of Buenos Aires (Cum Laude) Pediatric Dentistry Professor at the School of Dentistry, Del Salvador University-Argentine Dental Association Lecturer in Pedodontics, in conference and scientific meetings. Paper published in different dental journals

Loys, Adrian Esteban
Page: 29
Graduated from the National University of Tucuman Former assistant professor of operational techniques of the UNT Director and long-term course instructor in implantology, taught at the Santiagueno Dental Circle Director and lecturer of the long duration course of high complexity oral rehabilitation taught at the Santiagueno Dental Circle

Luchian, Ionut
Page: 30
Dr Ionut Luchian is a lecturer in the Department of Periodontology, Faculty of Dental Medicine from the Grigore T. Popa University of Medicine and Pharmacy, Iasi-Romania. He is a certified specialist in periodontology and holds a MSc and a PhD in the same field. He previously served as Scientific YDW and President of the International Association of Dental Students.
Macchi, Ricardo

Page: 47

Dentist (DDS, 1962) and Doctor in Dentistry (1971), University of Buenos, Argentina. Master of Science (Dental Materials, 1968), University of Michigan, USA. Professor Emeritus, Department of Dental Materials, School of Dentistry, University of Buenos Aires (since 2007). Member and Past President of the National Academy of Dentistry, Argentina. Member of the IADR and Past President of the Argentine Division.

Maddalena, Alejandro

Page: 131

Graduated as Dentist at Universidad de Buenos Aires 1979. Professor in Prosthodontics since 1994 at Universidad del Salvador/ Asociación Odontológica, Argentina. Headmaster of post-graduate studies in Prosthodontics and Implant dentistry at Universidad del Salvador/ Asociación Odontológica Argentina.

Maeda, Yoshinobu

Page: 125

He graduated from Osaka University Dental School at 1977 and received the Ph.D. degree at 1981 along with the prosthodontic specialist training. He was the chair and Professor for the Department of Prosthodontics and Oral Rehabilitation at Osaka University Graduate School of Dentistry until the end of March 2017 and is currently a specially appointed Professor.

Mahn, Eduardo

Page: 92, 127

Dr. Mahn is a graduate from the University of Chile. He received the German DDS in Münster in 2005. He got his doctorate degree in 2010. He also owns a Diploma from NYU. Between 2007 and 2009 he worked for Ivoclar Vivadent at the ICDE (International Center for Dental Education). He is presently a guest lecturer at several universities and is the author from several articles in the field of Esthetic Conservative Dentistry and Implantology. Dr. Mahn is presently Director of Clinical Research and the Director of the Esthetic Dentistry Program at the Universidad de los Andes, Chile. He also maintains a private practice emphasizing conservative esthetic dentistry and comprehensive implantology.
Maresca, Beatriz Maria

Dentistry, graduate with diploma of honor at the University of Buenos Aires. PhD in dentistry. Outstanding thesis with special mention. Specialist in Endodontics with recertification. Member of number place five of the National Academy of dentistry. Director of the journal of the Argentine Dentistry Association for 10 years. Director of the career of specialist Endodontics of the faculties of Dentistry of the UBA, Argentina Pontifical UCA and the Universidad Favaloro. Distinction Santa Apolonia - Madrid Spain. Distinction Gregorian monks - Madrid Spain. Professor Oscar A. Prize Qualitas dentistry. First prize Congress International of endodontic society Uruguayan of Endodontics. Special mention Congress international society French in Endodontics - nice. Obturation Material invention patent endodontic of third generation. Associate Professor of Professor of Endodontics of the faculties of Dentistry of the University of Buenos Aires, Argentina J F Kennedy University. Vice-Dean of the Faculty of Dentistry of the University of Buenos Aires and Dean and Director of basic dentistry and clinic of the University Kennedy

Martin Santiago, Maria Pilar


Martinez de Tomaszeuski, Stella

Odontologist Orthodontist graduated from the University of Buenos Aires. Director of the Orthopedic and Orthopedic Career of the University of Morón and the Ministry of Public Health of the Nation in the Argentine Circle of Dentistry, Dental Circle of Formosa, Dental Circle of Posadas Sud Zone, Mar del Plata Dental Circle and Odontological Circle of Neuquén Course dictator.

Masuoka, David

Invited Speakers

Meyle, Joerg
Page: 54, 64, 104

Prof. Dr. Joerg Meyle is the Head of the Department of Periodontology at the University of Giessen, Germany. He was appointed for life-time position in 1994. Dr. Meyle is a specialist in Periodontology as well as in Implantology, and he received the qualification as an oral surgeon in 1984 at the university of Tuebingen. He is the past-president of the German Society of Periodontology as well as the European Federation of Periodontology (EFP), current board member of the EFP and International Academy of Periodontology. He received the honorary memberships from German Society of Periodontology in 2003 and the American Academy of Periodontology in 2015, respectively.

Miletic, Ivana
Page: 110, 122

Ivana Miletic is a professor at the Department of Endodontics and Restorative Dentistry, School of Dental Medicine, University of Zagreb. She is the head of postgraduate and PhD courses. She lectures at Continuing education courses. She authored and co-authored over 100 scientific, review, education articles. She serves as president of the Croatian Society for Minimum Intervention Dentistry.

Miranda, Luis Alfredo
Page: 123

Specialist in Functional Orthopedics AAOFM Specialist in Orthodontics and Maxillary Orthopedics AAOFM. Member of the Evaluation Court of the AAOFM for the specialty. Professor Maimonides University / University of Buenos Aires, / National University of Cuyo. Member of the Examining Court Ministry of Public Health / Author of scientific works Guest speaker nationally and internationally Current President of the AAOFM.

Montero-Aguilar, Mauricio
Page: 41

Dr. Mauricio Montero-Aguilar received his dental degree from the University of Costa Rica and later his Postdoctoral Master’s Degree in Clinical and Translational Research from the University of Puerto Rico. He has collaborated with the Costa Rican Dental Association as a member of its Academic Council and Recertification Program. Since 2004, Dr. Montero has been a professor/researcher in both the Endodontics Department and the Prosthodontics Postgraduate Program of the University of Costa Rica. He has collaborated as part of the FDI’s Science Committee and currently is the CE Programme Regional Director for Latin America.
Invited Speakers

Nascimento e Silva Pinto, João Paulo

Graduated in Dentistry (Federal University of Rio Grande do Sul – UFRGS – 2001), specialized in Periodontology (UFRGS – 2005), Master degree in Clinical Dentistry – emphasis in Periodontology (UFRGS – 2006); Periodontology and Breath Clinic in Porto Alegre-Brazil since 2007; Speaker in a variety of International Dental Congresses.

Ngom, Papa Ibrahima

DDS (Dakar SENEGAL) D.U Orthodontics (Nantes, FRANCE) Certificate for Special Studies in Dentofacial Orthopedics (Clermont-Ferrand FRANCE) Certificate in Oral Biology (Paris, FRANCE) PhD (Dakar, SENEGAL) Diploma of Habilitation à Diriger des Recherches (Clermont-Ferrand FRANCE) Author of more than 50 articles Author of more than 30 conferences Member of Editorial board of “Orthodontie Française” (official publication of French Society of Orthodontics)

Nikaido, Masahiko

Dr. Masahiko Nikaido received DDS from Tokyo Dental College in 1981 and received certificate in Periodontology from Tufts University in 1997. He currently practices in Tokyo, Japan and teaches at Tokyo Dental College and Tokyo Medical and Dental University. He is a diplomate of American Board of Periodontology and the immediate past president of the Japanese Academy of Clinical Periodontology.

Nishimura, Fusanori

Dr. Fusanori Nishimura is currently a Professor of the Section of Periodontology Kyushu University Faculty of Dental Science, and a Vice Dean for International Affairs. His main research focus is to understand the molecular and cellular mechanisms of periodontal medicine, especially the association between periodontal disease and diabetes mellitus, to develop Evidence-based therapeutic strategy against periodontitis in subjects with diabetes.
Invited Speakers

**Noujeim, Marcel**

Page: 27

Professor and graduate Oral and Maxillofacial Radiology program director, University of Texas Health, San Antonio Collaborating Professor in University of Campina, school of dentistry, Piracicaba, Brazil. Dental, oral biology and maxillofacial radiology degrees, Lebanese University, Beirut.

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**Noujeim, Ziad F.**

Page: 109

Diplomate of the European Board of Oral Surgery -Editor-in-Chief, Journal of the Lebanese Dental Association, -Fellow, International College of Dentists, American College of Oral and Maxillo-Facial Surgeons, -Clinical Professor, Senior Lecturer, Department of Oral and MaxilloFacial Surgery, Lebanese University Faculty of Dental Medicine, Beirut, Lebanon, -Attending Oral Surgeon, Baabda University Hospital, and Lebanese Army Central Hospital, Beirut -Former Clinical Fellow in Oral Surgery, Harvard's Massachusetts General Hospital, USA

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**Oda, Dolphine**

Page: 34, 63

Dolphine Oda is Professor of Oral Pathology at the School of Dentistry, University of Washington, and the director of the UW's Oral Pathology Biopsy Service. In 2013, she was awarded a lifetime achievement award by the Oral Cancer Foundation for over 30 years of service to oral cancer patients. In 2009, she was awarded the Distinguished Teaching Award, the UW's highest honor for outstanding teaching, and has been awarded an additional 29 teaching awards within the School of Dentistry. She has 77 papers published in refereed journals and publishes a popular monthly column called Case of the Month. Dr Oda is a Diplomate of the American Board of Oral and Maxillofacial Pathology and holds a Washington State dental license. She is also a member of the AAOMP and USCAP

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**Özcan, Mutlu**

Page: 35, 39

Mutlu Özcan earned her Licenciate in Dentistry in 1993 in Istanbul (Turkey), Dr.med.dent. degree in 1999 in Cologne (Germany) and Ph.D in 2003 in Groningen (The Netherlands). She received her full professorship at the University of Groningen, The Netherlands in 2007. Since 2009, she is the Director of Dental Materials Division at the University of Zurich, Switzerland. She has authored more than 400 original publications.
Özyuvacı, Hakan

He has published over a hundred research papers in national and international journals. He has attended several international conferences and workshops to deliver his research findings and he has been invited educator for several training programs. He’s the delegate of Turkey of BDIZ-EDI (Bundesverband der implantologisch tatigen Zahnarzte in Europe) since 2008. He’s Board member of Istanbul Dental Chamber of Turkish Dental Assoc. who responsible to education. He carried on his academic career as a professor at Istanbul University Faculty of Dentistry Oral and Maxillofacial Surgery Department and retired last year, He is also working at Dental Forum Istanbul Oral Surgery and Implantology Clinic which he founded at 2006.

Paesani, Daniel

Diplomate in TMD and Facial Pain in USA Professor of post graduate courses in the field of TMD and Bruxism at University of Salvador/AOA (Argentina) Author/editor of the book “Bruxism, theory and practice” Author of many papers and book chapters in the field of TMD, Bruxism and Facial Pain.

Palmas, Oscar

Professor Assistant, Specialty in Orthodontics, University of Salvador. Argentina Professor Assistant, Specialty in Orthodontics. University, Uces-Argentine Society of Orthodontics Specialist in Orthodontics. Argentine Society of Orthodontics.

Pezza, Victoria

Pignata Volpe, Sergio
Page: 44
Certified Dentist, Universidad de la República del Uruguay, 1983.
Director in Oral Rehabilitation Area, Facultad de Odontología de la Universidad Católica del Uruguay.
Specialist in Integral Restorative Dentistry (UDELAR)
President of “Sociedad Uruguaya de Operatoria Dental y Biomateriales”

Pilloni, Andrea
Page: 79
Received MD and DDS degrees at the University of Rome, Tor Vergata, a Master of Science in Oral Biology (MS) and a Postgraduate Certificate in Periodontics at the University of California, Los Angeles. While at UCLA he has been assistant researcher in the Dental Anatomy and Oral Biology Department chaired by Prof. G.W. Bernard. Currently he is Professor and Chair of Periodontology in the Section of Periodontics at the University of Roma “Sapienza” School of Dentistry, and Professor of Periodontology at the School of Dental Hygiene of the same University.
Director of the Postdoc Master Program in Periodontics. Adjunct Associate Professor in the Ohio State University Section of Periodontics.
Member of the Italian Ministry of Health on the Committee for the National Board of Italian and non-European dentists. Active member of the Italian Society of Periodontology (board member of the cultural committee) and international member of the American Academy of Periodontology.
Member of the European Tissue Repair Society and the European Wound Management Association. Active Member of the Wound Healing Society. Past President and Founder of the Italian Association of Bad Breath. Author of articles in peer-reviewed journals and of one book on GTR. Private practice limited to Periodontics.

Pistoni, Mario
Page: 123
Specialist in Functional Orthopedics of the Maxilares-AAOFM.
Orthodontic Specialist - SAO Specialist in Orthodontics and Maxillary Orthopedics AAOFM. Member of the Evaluation Court of the AAOFM for the specialty. Ex - President of the Argentine Court of Evaluation in Orthodontics and Dentofacial Orthopedics - SAO. Vice Director of the Career of Specialist in Orthodontics and Maxillary Orthopedics USAL - AOA. President of the V and X IFUNA Congress - International Functional Association President of the 60th Anniversary Congress of the AAOFM Author of scientific papers for IFUNA LAB and Scientific Journals. International and national Guest speaker. (Europe- Latin America -USA)
Invited Speakers

Pompa, Daniel

Page: 90, 127

Dr. Daniel Pompa, is an Oral and Maxillofacial Surgeon. He is an ADA Seminar Series Speaker and recently became a Colgate Speaker. Dr. Pompa is a Fellow in both the American Association of Oral and Maxillofacial Surgeons and the International Congress of Dental Implantologists. Dr. Pompa has been a guest lecturer at Columbia University College of Dental Medicine and New York University College of Dentistry and now at other Dental Schools including Boston University, Maryland University, University of Florida and Pittsburgh University School of Dental Medicine. He has lectured extensively nationally and internationally and has been published in such journals as the Journal of the American Dental Association, Dentistry Today and recently in the New York State Academy of General Dentistry Journal. Dan practiced for over 30 years in New York and now spends his time presenting his lecture series, as well as organizing a Charity Golf Tournament for our Veterans at the Northport VA Hospital and is the host of the “New York Classic Film Club” which meets throughout the year. He is also an inventor, having been issued a U.S. Patent for his innovative work in Dental Implantology to develop CT Guided Surgery and is now working on new patents, in the field of Emergency Care for victims of Cardiac Arrest.

Quiros, Javier

Page: 29

Doctor Javier Quiros graduated from University of Costa Rica in 1991 as a Doctor in Dental Surgery, after that he attended Baylor College of Dentistry in Dallas Texas, where he became a specialist in Advanced Education in General Dentistry, and Graduate Prosthodontics in 1997, after that he attended a one year Fellowship in Esthetic Dentistry in the same school, and one year Fellowship at Gide UCLA Implant Dentistry program. Doctor Quiros lectures internationally and is now an Invited Professor at University of Costa Rica Prosthodontics graduate program and a Private Practice practitioner.

Ramón de Blanco, Ana María

Page: 57

Director of the Specialization School of Functional Orthopedics of the Maxilares of the Argentine Circle of Dentistry (CAO), Professor of Functional Orthopedics and Growth and Development of the Postgraduate Career in Orthodontics and Maxillary Orthopedics of the John F. Kennedy University and of the Specialization Career C.A.O / Universidad de Morón. Academic Secretary of said Career. Director of Functional Orthopedics of the Careers of Specialization, in the Dental Circle of Formosa, Odontological Circle of Missions South Zone, of the Odontological Circle of Mar del Plata Associate Professor of the Specialization Course in Children and Adolescents of the Catholic University of Argentina -CAO Member of the Evaluation Committee of the Specialty of Orthodontics and Functional Orthopedics of the Ministry of Health and Social Action of the Nation. Argentina -CAO Member of the Evaluation Committee of the Specialty of Orthodontics and Functional Orthopedics of the Ministry of Health and Social Action of the Nation.
Invited Speakers

Renvert, Stefan
Page: 54, 64, 66
Prof. Renvert is the research director at the Department of Oral Health Sciences, Kristianstad University, Sweden. He is also an honorary professor at Dublin Dental Hospital and at the Blekinge Institute of Technology. He is past president of Swedish Society of Periodontology. He has served the European Federation of Periodontology as president and secretary general, and was the scientific chairman for Europerio 5 and chairman of the Europerio 6.

Riggio, Bruno
Page: 130
Dentist, Specialist in Health Publishes Salta University
Diploma in Dental Implants University San Pablo (Tucuman)
Key leader opinion 3m oral care
Speaker at national and South American level

Sabas, Mariana
Page: 89
Dr. Mariana Sabas is a Pediatric Dentistry and Orthodontist.

Salazar Zurita, Lupe Margarita
Page: 132
Doctor in Dental Surgery. Faculty of Odontology. University of Panama.
Master in Administration of Dental Clinics. Faculty of Odontology. University of Panama.
**Saldias, David**

*Page: 89*

DDS  
Made the residency at hospital San Bernardo, Salta, and rotations at national hospital and José dueñas hospital CABA. Specialist in endodontics certified by the national ministry of health. Specialist and board certified in orthodontics by the Argentinian board in orthodontics and dentomaxilar orthopedics. Lecturer of salta’s society of orthodontics and of the Argentinian society of orthodontics

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**Samant, Asha**

*Page: 67*

Associate Professor. Received 5 times Excellent Teacher Award and a prestigious University Master’s Educator Guild Award. A Trained Prosthodontist from New York, taught in, India, New York and now at School of Dental Medicine Newark Rutgers, New Jersey University, USA, for the last 32 years. coordinates Postgraduate Prosthodontics Residency., an international speaker. She has over 60 publications has spoken worldwide on her dedicated specialty. She says “Dentists are Artists but prosthetics care provides colors to the Art of Dentistry and quality of life to patients

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**Sandoval Salazar, Martha Yaneth**

*Page: 96*

Martha Yaneth Sandoval Salazar is an economist and works as a researcher at Educar Consumidores - a civil society organization linking issues of gender, health, nutrition, law, education, economics and environment. In 2016-2017, Educar Comsumidores worked to lift a censorship which had been placed on a public service announcement (PSA), “Take It Seriously,” warning consumers of the health harms of sugary drinks

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**Sar Sancakli, Hande**

*Page: 99*

Hande Sar Sancakli is Assoc.Prof.Dr in Istanbul University Faculty of Dentistry. She worked as “Visiting Lecturer” in King’s College Dental Institute and has publications in international/national journals , bookchapters and international conferences and hands-on-courses about adhesive and minimal invasive dentistry. She is Board Member of IU , TDA International Affairs, FDI Education Committee and Chairperson of ERO/FDI Continuing Medical Education.
Sato, Manami

Page: 67

Manami Sato graduated from the Nippon Dental University of Niigata, and Molecular and Regenerative Prosthodontics, Tohoku University. In 2010 she became a director of Sato Dental Clinic opened in 1927 by succeeding. Now she is also Director of Japan Dental Association and Standing Director of Miyagi Dental Association. Co-Authored book: “3.11 Identity” with Japanese Unidentified and missing persons response Team.

Schmalz, Gottfried

Page: 39, 60

Professor (Operative Dentistry and Periodontology) Universities of Regensburg/Bern, Germany/Switzerland. Main research interests: biocompatibility, tissue regeneration. More than 250 articles in PubMed, founder/Editor of “Clinical Oral Investigations”. Over 35 prices/awards, e.g. the “Distinguished Scientist Award”, “Distinguished Service Award” of IADR and the “Award of Excellence” from the European Federation of Conservative Dentistry. Member/former Senator of the German National Academy of Sciences.

Schoj, Veronica

Page: 96

Dr Verónica Schoj is Director of Health Promotion and NCD Control at the Argentine Ministry of Health. Prior to her current role, Dr Schoj was a leading civil society advocate for tobacco control. In 2008, she launched the InterAmerican Heart Foundation Argentina, a non-governmental organization that draws together professionals from many fields to educate policy makers about tobacco’s harms and helped to found the Argentina Smoke-Free Alliance (ALIAR), a coalition of over 100 civil society organizations.

Schulze, Ralf

Page: 27

Prof. Schulze heads the section of Oral Radiology at the Dental School at Mainz University. He is Editor of “Dentomaxillofacial Radiology” and oral radiology-expert in many national and international organizations. He has published more than 60 international scientific papers and serves as reviewer for many scientific journals. In 2014, he co-authored the FDI policy statement “Radiation Safety in Dentistry”.
Invited Speakers

Sereny, Michael
Page: 61, 76, 93

Dr Michael Sereny is co-owner of a dental practice in Hannover, Germany. He was assistant professor at the Medical University of Hannover (MHH), president of the dental chamber in Lower Saxony and board member of the German Dental Association (BZÄK). In FDI he was elected and serves as Chair of the Dental Practice Committee.

Sfeir, Elia
Page: 124

Professor, ICD member. Former head and founder of paediatric dentistry department in the Lebanese university. Former head and founder of post graduate paediatric dentistry department, Lebanese university. Founder of the Lebanese society of paediatric dentistry. International speaker in aesthetic and surgery in paediatric dentistry. Invited speaker in FDI meetings (Paris, Montreal, Cairo)

Simon, Stephane
Page: 45, 77

Professor Stéphane SIMON is full time academic teacher/researcher with a clinical practice limited to Endodontics. He is the director of the European Postgraduate Endodontic Program at Paris Diderot University (3 years full time program). Today, his main interest is about Tissue engineering, cell and molecular Biology of pulp tissue. He is also highly involved into development of new techniques and concepts for graduate and postgraduate teaching essentially based on digital-use.

Spoleti, Pablo
Page: 56

DDS, National University of Rosario, ARGENTINA (1988)
PhD, National University of Córdoba, ARGENTINA (2000)
Professor & Chair Endodontics Dept. National University of Rosario, ARGENTINA (with tenure - 2017)
Director Post-graduate Program in Endodontics, National University of Rosario, ARGENTINA (2014)
Stiberman, Leo

Page: 132

1982 - Dentist graduate at the university of Buenos Aires
1998 - Post graduate in laser at the univ. Of san pablo
Country representative at the world federation for laser dentistry
Invited speaker in Mexico, Brasil, Chile, Paraguay etc.

Stranieri, Graciela

Page: 107

- Faculty of Dentistry of the University of Buenos Aires, Argentina
- Authorized Teacher in Pharmacology, Faculty of Dentistry of the University of Buenos Aires
- Adjunct Regular Associate Professor
- Doctorate from the University of Buenos Aires
- Faculty of Dentistry, Chair of Pharmacology
- Associate Professor, School of Dentistry Chair of Pharmacology, the Universidad del Salvador- Asociación Odontológica Argentina
- Specialist in Orthodontics and Functional Orthopedics of the Maxillary
- College of Dentists of the Province of Buenos Aires
- Master in Craniocervical, Craniomandibular and Facial Pain Physiopathology. Faculty of Rehabilitation Sciences - Andrés Bello University. Santiago de Chile, Chile.

Tamini, Luis

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Head professor for Comprehensive clinic 5 at the school of dentistry, University of Buenos Aires. -PHD in the area of Dental Materials al the University of Buenos Aires. Director of the master degree on aesthetics at the University of Buenos Aires.

Tennant, Marc

Page: 61

Marc has been an academic for 25 years, is Director (and Founder) of the International Research Collaborative - Oral Health and Equity and has served in senior leadership roles in universities nationally. Marc remains in the top half dozen dental academics for impact, with 200+ publications and $US 15-20 million in R&D funding in Australia. His team is recognized globally as a leading oral health team in Australia and from 2015-17 Marc was the most published Australian in dentistry.
Trofin, Madalina

Dr Madalina Trofin is working as an orthodontist in Bucharest, Romania, since 2013, when she graduated the postgraduate 3-year programme in Orthodontics, in Bucharest, Romania. She is currently working in private practice, and also giving lectures about her work at many congresses in Romania and international.

Umanzor Bonilla, Vilma

Specialist in Periodontics and Implantology (National autonomous university of Mexico)
Instructor Periodontics Department in the Faculty of Dentistry National Autonomous University of Honduras
Member of the Mexican Association for Periodontology
Member of the International Team for Implantology
Certified Trainee IQ implants, Honduras
CEO DSD Radiodiagnostico

Van Dijk, Ward

Dr Ward van Dijk is owner of a dental practice in Amstelveen, the Netherlands. He was member of the national board of the Royal Dutch Dental Association and member/Chair of the FDI Dental Practice Committee. He is commercial manager of a billing company for dentist in the Netherlands and lectures on dental management.

Varellis, Maria Lucia

Graduated Sao Paulo University, Postgraduate Biophotonics in Uninove University, Professor in Uninove University, Member Committee Hospital Dentistry Ministry of Health, Specialist in Patients with Special Needs, Qualified in hospital dentistry and in Laser for dentistry.
**Varenne, Benoit**

Benoit Varenne is Oral Health Programme Officer in the NCD Prevention Department, WHO, HQ, Geneva. The objective of his position is to lead WHO’s work on the global agenda on oral health. Before joining the WHO HQ in Geneva, Benoit was based in the WHO African region and coordinated a WHO publication entitled Promoting Oral Health In Africa as well as a new oral health policy for the African region Regional Oral Health Strategy 2016-2025: Addressing oral diseases as part of NCDs.

**Vernazza, Gustavo Javier**

Professor in charge of the Specialty of Integral Oral Rehabilitation with Orientation to Aesthetics and Oral Implantology of the University of Development in Chile Former Professor of Physiology and Physiopathology I and II of the stomatognathic system of the University of El Salvador in Buenos Aires, Argentina Co-director of the career of the dynamic design of the smile of the Faculty of Dentistry of the University of Buenos Aires.

**von Geijer, Michaela**

Michaela has a special interest in prosthodontics and implant dentistry. She has always placed a high value on working with preventive focus. She has experience in lecturing as a teaching assistant at the Histology Department at the University of Lund, Sweden, and also for professionals and students when employed by pharmaceutical companies as well as companies within the dental industry. Since 2015, employed by TePe and lecturer at universities around the world. Dr von Geijer is combining the work at TePe with dentistry at a private clinic in Sweden.

**Vujicic, Marko**

Marko Vujicic currently serves as Chief Economist and Vice President of the Health Policy Institute at the American Dental Association. Previously, he was Senior Economist with The World Bank in Washington D.C. where he focused on health systems reform in developing countries and directed the global health workforce policy program. He was also a health economist with the World Health Organization in Geneva, Switzerland.
Walls, Angus
Page: 41

Angus Walls is a Professor of Restorative Dentistry at the University of Edinburgh and Director of Edinburgh Dental Institute in Scotland. He is currently Immediate Past President of IADR and was awarded the IADR’s Distinguished Scientist Award for geriatric Oral Research in 2003. He has been a member of the UK Government’s Scientific Committee on Nutrition for 10 years, in this role he was instrumental in changing the UKs governments’ policies so that the current recommendation is that free sugars intake should be no more than 5% of dietary energy intake, this was adopted in 2015 and the UK’s Governments were the first to accept this recommendation as policy in accord with the recommendations of both the WHO and SACN. His clinical and research interests focus on the oral health challenges and needs of the older person, particularly in relation to increasing frailty and the common risk factors for oral and systemic diseases including sugars.

Welie, Jos
Page: 93

Dr. Jos Welie studied medicine, philosophy and law and is currently a Professor of Health Care Ethics at Creighton University (Omaha, USA). He is the Founding Secretary of the International Dental Ethics and Law Society, taught dental ethics for some fifteen years, and published extensively on topics in dental ethics, including an edited volume entitled “Justice in Oral Health Care – Ethical and Educational Perspectives”.

Wilczak, Magdalena
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Magdalena Wilczak graduated from Poznan University of Medical Sciences in 2013. In 2015 at IDS in Cologne she was elected the President of Young Dentists Worldwide and was re-elected at IDS in Cologne in 2017. From November 2015 she had started her PhD in Periodontology at Poznan University of Medical Sciences where she also works as a research and teaching assistant teaching students conservative dentistry and endodontology.

Will, Leslie
Page: 25

Dr. Leslie Will earned her DMD at the Harvard School of Dental Medicine and her MSD in Orthodontics at the University of Washington in Seattle. She has led three graduate programs in Orthodontics, and is currently the Anthony A. GIanelly Professor and Chair at Boston University. Her research interests are in normal and abnormal growth and development and imaging.
Williams, David M

Professor of Global Oral Health at Bart's and The London School of Medicine and Dentistry, Queen Mary University of London. Former Dean of the Faculty of Medicine, Health and Life Sciences at the University of Southampton and Past President of the International Association for Dental Research. Co-Chair of FDI’s Vision 2020 Think Tank and Vice-Chair, FDI Science Committee.

Wolf, Thomas G

Thomas Wolf graduated from Mainz University (GER) in 2011, working there until 2018 at the Department of Operative Dentistry. After his habilitation (2017) he works since 2/2018 as assistant medical director at the Department of Restorative, Preventive and Pediatric Dentistry, School of Dental Medicine, University of Bern in Switzerland. He is president of the German Society of Dental Hypnosis and a Delegate for Germany in the General Assembly of the FDI World Dental Federation.

Yamalik, Nermin

Professor Nermin Yamalik had her postgraduate dental education in Department of Periodontology, Faculty of Dentistry, University of Hacettepe. She also holds Master of Science degree in Biochemistry. She served as a member of Dental Practice Committee, Education Committee (2001-2010) and Council (2010-2016) in World Dental Federation (FDI). She is a member of Turkish Society of Biochemistry, Turkish Society of Periodontology, Ankara Dental Chamber and Foreign Affairs Commission of Turkish Dental Association. She is a full time Professor at Department of Periodontology, Faculty of Dentistry, University of Hacettepe.

Zamora, Eliana

**Zenk, James**

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Dr. Zenk has been a general dentist for 39 years. He started his dental practice with one employee and now employs a team of 24 in two separate locations. He is also a faculty member at the University of Minnesota School of Dentistry. He has served on the American Dental Association Board of Trustees and is a member of FDI Dental Practice Committee.

**Zero, Domenick**

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Domenick Zero, DDS, MS, has received numerous research grants from the NIH and private industry over his 40 year career. He has lectured extensively as an invited speaker as an invited speaker throughout the US and internationally and is well recognized for his expertise in Cariology and dental erosion. He has published more than 150 scientific articles and book chapters.

**Zmener, Osvaldo**

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Osvado Zmener received his DDS from the University of Buenos Aires (UBA), in 1966 and completed his Doctorate degree in 1968, leading to a speciality certificate in Endodontics in 1985. He joined the UBA Department of Oral Pathology until 1997 and was Director of Research in Endodontics at the Department of Restorative Dentistry until 2007. Since 2002 he has been Head Professor of the Post-Graduate Department for Specialist in Endodontics at the USAL/AOA University. He works on biocompatibility testing and lecturing worldwide. He has received numerous awards for excellence and for his research work in Endodontics. He has published more than 300 scientific articles in mostly peer-reviewed Endodontic Journals.

**Zusman, Shlomo**

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Chief Dental Officer of Israel. Specialist in Dental Public Health. He obtained a MSc in Dental Public Health from the University of London and a Masters in Public Administration from the Harvard University. Member of Public Health Committee and President of the CDO/Dental Public Health Section of FDI.
Karger Publications in Dental Medicine

**Tooth Movement**
Editors: Alpdogan Kantarci, Leslie Will, Stephen Yen
VII + 134 p., 57 fig., 16 in color, hard cover, 2016
*Special price: CHF 75.00 / EUR 70.00 / USD 88.00*

**Biomaterials for Oral and Craniomaxillofacial Applications**
Editor: Sunjukta Deb
VIII + 118 p., 50 fig., 23 in color, 6 tab., hard cover, 2015
*Special price: CHF 84.00 / EUR 79.00 / USD 99.00*

**Root Caries: From Prevalence to Therapy**
Editors: Marcela Rocha de Olivera Carrilho
XII + 136 p., 41 fig., 31 in color, 16 tab., hard cover, 2017
*Special price: CHF 90.00/ EUR 85.00/ USD 107.00*

**Caries Excavation: Evolution of Treating Cavitated Carious Lesions**
Editors: Falk Schwendicke; Jo Frencken; Nicola Innes
XII + 176 p., 70 fig., 60 in color, 19 tab., hard cover, 2018
*Special price: CHF 123.00 / EUR 115.00 / USD 144.00*

Latest achievements in the basic science, epidemiology and prevention of dental caries

**Caries Research**
Editor-in-Chief: David Beighton

Official Journal of the European Organisation for Caries Research (ORCA)

To profit from a 35% discount and for more information, please log on to www.karger.com/dental_medicine and use the promotional code FDI18

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Industry Speakers

180
GSK Symposium
Addressing Oral Health Inequalities - Partnering for Better Oral Health
A Selection of GSK’s External Partnerships, Past, Present & Future
Wednesday, 5 September, 12:30 - 14:30
Room: Cataratas Del Iguazu

See detailed programme on page 36

Monica Dominguez (Mexico)
Gerhard Seeberger (Italy)
Christopher Fox (United States)
Steve Mason (United Kingdom)

Dominguez, Monica
Mónica joined Smile Train in 2012 to help manage programs in Mexico and has grown within the organization since. Now as Regional Director Mónica oversees the growth and maintenance of the cleft programs in Mexico, Central America and the Caribbean. She has dedicated her efforts to ensure that children with clefts have access to dignified, comprehensive and free treatment throughout the region.
Monica studied odontology at the Universidad Latino americana with a specialization in craniofacial orthodontics at the General Hospital Manuel Gea González. She has been able to create a strong network of partner medical professionals who not only offer quality treatments but also a model of interdisciplinary care that. Her network of partners provides reconstructive surgeries, psychological therapy, speech and language therapy, orthopedic surgery, orthodontics, otolaryngology and nutritional support during different developmental stages of Smile Train patients.

Mason, Steve
Dr Stephen Mason (Steve) joined GSK Consumer Healthcare in 2005 as Medical Director for Sensodyne. Previously, he was Vice President & General Manager of Hill Top Research Oral Care Division. Originally a PhD chemist (Manchester), Steve has been an active and respected member of the Oral Health research community for almost 30 years, previously at Colgate Palmolive, Quintiles and Hill Top Research. He is a member of the European Association of Caries Research, the IADR, the European Association of Dental Public Health and the British Association for the Study of Community Dentistry. Steve is an invited reviewer for several oral health journals such as Caries Research, IADR, Journal of Dentistry and the Cochrane Collaboration.
Steve has published over 30 oral health research publications of which many are on the design, performance and benefits of oral healthcare products, the associated epidemiology of dental conditions treated /managed by oral healthcare products or impact of dental conditions on consumer’s/patient’s quality of life.

Today, his main research interests are mineralised tissue research (cariology, erosion and dentine hypersensitivity), behavioural science and dental public health.

**Seeberger, Gerhard**

Dr Seeberger is the current President-elect of the FDI World Dental Federation and President of the Academy of Dentistry International. He is Past-president of the Italian Dental Association and the European Regional Organization of FDI. He has notable work as an author, co-author, peer reviewer and lecturer nationally and internationally, and is an honorary member of many national and international societies.

**Fox, Christopher**

Chris Fox is Executive Director, International Association for Dental Research. The International Association for Dental Research (IADR) is a non-profit organization with more than 11,000 individual members worldwide, dedicated to: (1) advancing research and increasing knowledge to improve oral health worldwide, (2) supporting the oral health research community, and (3) facilitating the communication and application of research findings for the improvement of oral health worldwide. The American Association for Dental Research (AADR) is the largest Division of IADR, with more than 3,500 members in the United States.

Dr Fox earned his DMD in 1987 from the Harvard School of Dental Medicine and concurrently earned a MSc in Epidemiology from the Harvard School of Public Health. He continued his studies at Harvard, completing residencies in periodontology and dental public health. In 1991, Dr Fox completed a doctoral program, earning a DMSc in Oral Biology and Oral Epidemiology from the Harvard Faculty of Medicine.

After serving on the faculty of the Harvard School of Dental Medicine, where he was Assistant Director of Clinics, Dr Fox joined the Colgate Palmolive Company. His most recent position was Director of Professional Relations, Europe.
Oral B Symposium
Teeth for Life: Managing the Simple to Complex
Invest in your scientific knowledge and debunk common myths to better influence your patients’ oral hygiene
Room: El Palmar
Wednesday, 5 September, 12:30 - 14:30

See detailed programme on page 37

Cury, Jaime A.

Jaime Aparecido Cury, Professor at Piracicaba Dental School, UNICAMP, since 1974
- Doctor of Dental Surgery, FOP-UNICAMP, 1971
- Master and PhD in Biochemistry, UFPR 1974 and USP 1980
- Post-doctorate in Cariology, University of Rochester, USA, 1995 and 2005

Monteagudo Arrieta, Carlos Alberto

Prof. of Dept. of Periodontology at Universidad Nacional Autónoma de México (UNAM) and founding member of the Postgraduate of Periodontology and Implant Dentistry at UNAM. Involved in clinical research in periodontology since 2006, with special emphasis on periodontal regeneration, aesthetics, and diagnosis. Author of best-seller “Periodontology and Implantology” edited by Medica Panamericana in 16 countries.
Colgate Symposium
Contemporary strategies for dentin hypersensitivity management
Management of dentin hypersensitivity
Thursday, 6 September, 12:30 - 14:30
Room: El Palmar

See detailed programme on page 65

Kuchenbecker Rösing, Cassiano
Professor of Periodontology at the Federal University of Rio Grande do Sul, Brazil
Master and PhD in Periodontology, State University of São Paulo, Brazil
Pos-doctoral fellow at the Department of Periodontology in the University of Oslo, Norway
Former President of Brazilian Association for Preventive Dentistry
Curaden Symposium Part 1 - Theory
Establishing a maintenance protocol to prevent implant mucositis and peri-implantitis
Thursday, 6 September, 12:30 - 14:30
Room: Quebrada de Humahuaca

See detailed programme on page 64

Lewgoy, Hugo Roberto
DDS, MSc, PhD, University of Sao Paulo - FOUSP, Brazil;
Researcher at the Nuclear and Energetic Institute - IPEN/CNEN-SP, Brazil;
Post graduation in oral and maxillofacial surgery, University of Sao Paulo - FMUSP, Brazil
iTOP teacher - individually Trained Oral Prophylaxis

Part 2 - Touch to Teach

Hands-on preventive session 1
Thursday, 6 September, 14:30 - 15:30
Room: Meeting Room 6

Hands-on preventive session 2
Thursday, 6 September, 16:00 - 17:00
Room: Meeting Room 6

See detailed programme on pages 76 and 79

Masoli, Carla Iliana
Dr. Carla Masoli is a specialist in Orthodontics and Pediatric Dentistry. She works as an assistant professor for Preventive and Community Dentistry at the University of Buenos Aires and as a lecturer for the specialization of Pediatric Dentistry at the University of Salvador. She is currently the secretary of the Argentinian Dental Association (AOA) and was President of the Argentinian Association of Dentistry for Children from 2013–14. She obtained her certification as an iTOP Instructor in 2018.

Villegas, Alejandra
Dr. Alejandra Villegas obtained her degree dentistry at University of Buenos Aires and her specialization in periodontics at Maimónides University. She has held the position of Head of Practical Work FOUBA and is currently still a resident at Maimónides University, working closely with dental students teaching oral health in the specialization of periodontics. She successfully completed her certification as an iTOP Instructor in 2018.
GSK Symposium
Optimal Care and Maintenance of Full Dentures for Oral and General Health
Friday 7 September, 12:30 - 14:30
Room: El Palmar

See detailed programme on page 103

Bartlett, David
Professor David Bartlett is Head of Prosthodontics at Kings College London Dental Institute. He has published over 100 research publications, written 3 books. He is treasurer for the British Division of IADR and Chair of the SAC in Restorative Dentistry which coordinates specialist training in the UK. David is a consultant in Restorative Dentistry and a specialist in Prosthodontics after completing specialist training in 1999 at Guy’s Hospital and is now a senior clinician at the Dental School.

Frisia, Leonardo José
Dr. Leonardo Frisia is doctor in Odontology and specialist in dentures. He is an authorized professor at the University of Buenos Aires (UBA), head of the Department of Denture Clinics I at the School of Dentistry of the UBA, head of the Department of Denture Clinics II at the School of Dentistry of the Universidad de Maimónides (Buenos Aires) and co-director of the Denture Specialization Course at the School of Dentistry of the Universidad de Maimónides (Buenos Aires).

Goffin, Guy
Dr. Guy Goffin is a dental practitioner and former leader of VVT’s Working Group for Oral Prevention in Belgium. He had several leadership roles in dental organisations and the dental industry. He currently supports King’s College Dental Institute (London) as Visiting Senior Implementation Fellow. For the Oral Health Foundation, he led the Working Group that delivered these new guidelines.
3M Symposium

Infant Caries Management Model with an Innovative Combination Therapy Approach

Friday 7 September, 12:30 - 14:30
Room: Quebrada De Humahuaca

See detailed programme on page 102

Ramos-Gomez, Francisco J
Professor of Pediatric Dentistry at UCLA and UCLA Director for Children’s Oral Health and the Principal Investigator of the NIDCR Center to Address Children’s Oral Health Disparities BEECON project.
Ninth Annual Alliance for a Cavity-Free Future Global Summit
Catalyzing change in education, policy and practice
Friday 7 September, 13:30 - 17:30
Room: Ceibo C

See detailed programme on page 105

Bönecker, Marcelo
Professor and Chair of the Department of Paediatric Dentistry – School of Dentistry – University of Sao Paulo (USP) – Brazil.
President Elect of IAPD (International Association Paediatric Dentistry)
Associate Editor of Brazilian Oral Research and International Journal Paediatric Dentistry
Published more than 90 scholarly articles in journals, 68 chapters in books and 19 books in paediatric dentistry.

Martignon, Stefania
Stefania is a part-time Senior Lecturer in Cariology, Technology and Methodology at King’s College London Dental Institute and Chair of the Masters Programme in Dental Sciences at the Dental Faculty in Universidad El Bosque, Bogotá, Colombia. She is Chair of UNICA (Caries Research Unit) and co-chair of the ACFF Colombia Chapter, as well as sitting on the ACFF Expert Panel.

Pitts, Nigel
Nigel is co-founder and Global chair of the ACFF and has been Director of the Dental Innovation and Translation Centre at King’s College London since 2013. He is also a director of the ICDAS foundation, the Global Collaboratory for Caries Management (GCCM) and a Past President of the European Organisation for Caries Research (ORCA) and the European Association for Dental Public Health (EADPH).

Taylor, James C.
James is CDO in the Public Health Agency of Canada and ex CDO of the Canadian Armed Forces. His mandate is to work with key elements of health communities to advance population level oral health through health promotion, disease prevention and professional/technical guidance with an emphasis on vulnerable populations. James serves as Secretary of the FDI Section of CDOs & Dental Public Health.
FDI and Unilever Partnership: Empowering Children to Teach the World to Brush Day and Night

The joint implementation of oral health promotion and education in schools through a 21-day school programme has reached millions of children and adults worldwide to positively impact toothbrushing behaviour. Brush Day & Night, which was the third phase (Phase III) of a 12-year partnership, had a positive impact on the knowledge and behavior of children aged between 2-12 years from 10 countries in twice-daily toothbrushing with a fluoride toothpaste.

Read the Supplement for FREE to learn more about the project and its findings.

The Brush Day & Night supplement is now available at http://bit.ly/FDIBDN or scan the QR code.

Children’s Oral Health Virtual Issue

The latest Virtual Issue from International Dental Journal is on Children’s Oral Health. Children’s Oral Health represents a major health challenge across the globe, with dental caries among the most common diseases. Prevention and early intervention for children can have a profound effect on the oral disease burden across the life course. These 6 articles highlight the challenge of dental caries, and provide data on prevalence, risk factors and treatment approaches for children, and are FREE to read for a limited time at http://bit.ly/FDICOH or scan the QR code.

Find the International Dental Journal mobile app for iOS devices on the Apple Store.

To discover more FDI news and upcoming events: www.fdiworlddental.org
5-8 September 2018
Buenos Aires, Argentina
Free Communication Sessions
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### 8 September 2018, Saturday

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Free Communication Session 01
05.09.2018 11:15-12:15 / Cubicle: 1
Theme: General Dentistry

FC001 Can EGF Improve Ultrastructure of Salivary Glands of Diabetic Rats
Mahmoud Al Ankily

FC002 The Evaluation of Dental Services Related Posts on Social Media
Zerrin İşık Tüfekçi

FC003 Features of Manifestation Control of Expression of Students of Dentistry
Natalia Karabushchenko

FC004 Rationale Use of Antibiotics (RUA) in Dental Practice
A.R. Iker Cebeci

Free Communication Session 02
05.09.2018 11:15-12:15 / Cubicle: 2
Theme: Endodontics

FC005 Clinical Study Of The Endodontic Anatomy Of The Upper Molars
Paula Perlea

FC006 Effectiveness Of Lasers On Enterococcus Faecalis And Candida Albicans
Esra Yılmaz

FC007 Effect of Different Disinfectants on The Micro-Shear Bond-Strength of
Biodentine
Derya Deniz Sungur

FC008 Healing of Large Periapical Lesions Using Ideal Root Canal Treatments
Majed Assilmi

Free Communication Session 03
05.09.2018 11:15-12:15 / Cubicle: 3
Theme: Prosthodontics

FC009 Novel Nanocomposite for the Treatment of Denture Stomatitis
Zoltán Géczi

FC010 Varied Vistas in Rehabilitation of Cranial Defects - Role of Cranioplasts!
Mahesh Verma

FC011 Quality of Life of Complete Denture Wearers in Bosnia
Srđan Poštić

FC012 Two-Year Retrospective Follow-up of Implant-Retained Overdenture
Prosthesis
Mahmut Erçil
Free Communication Session 04  
05.09.2018 12:30-13:30 / Cubicle: 1  
Theme: Orthodontics

FC013  2D Versus 3D Radiographies for Impacted Canine in Cleft Area  
Behzad Salari

FC014  Assessment of the Management of Facial Clefts: A Study  
Sarah Saif

FC015  Standard Time Analysis for Treatment Procedures of Class III Malocclusions  
Fatma Deniz Uzuner

FC016  Dental Assessment of Patients Needing Orthodontic Treatment: A Radiographic Study  
Cihan Güllü

Free Communication Session 05  
05.09.2018 12:30-13:30 / Cubicle: 2  
Theme: Implantology

FC017  Antibiotic Prophylaxis Efficiency in Bone Augmentation Surgery  
Vladimir Chuvilkin

FC018  Simplified Restorative Technique for Screw and Index-Free Abutments  
Bülent Gökçe

FC019  Two Years Outcomes of Implants In Anterior Zone  
Eralp Evran

FC020  Clinical and Radiographic Assessment of Implant on the Posterior Segments  
Uğur Hilaloğlu

Free Communication Session 06  
05.09.2018 12:30-13:30 / Cubicle: 3  
Theme: Public Health

FC021  ‘Tikku-Iyer’(TI) Tooth Numbering System for Permanent Teeth  
Aseem Prakash Tikku

FC022  Measures Utilized for Prevention of Nosocomial Infection in Dental-Laboratories  
John Emaimo

FC023  Turkish Adaptation of Modified Infection Control Questionnaire in Oral Radiology  
Melih Özdede

FC024  Refugee and Asylum Seeker Oral Health Recall Tool  
Colin Riley
Free Communication Session 07  
05.09.2018 13:45-14:45 / Cubicle: 1  
Theme: Oral Health and Systemic Health

FC025  EGF Improves Ultrastructural of Submandibular Salivary Glands Treated With Botox  
Mohamed Shamel

FC026  Audit on Recording of Dry Mouth In Primary Dental Care  
Chuen Albert Yeung

FC027  The Evaluation of Tooth Development In Patients With Amelogenesis Imperfecta  
Derya Ceyhan

FC028  Comparative Analysis of Oral-Maxillofacial Pathology: A 6-Year Retrospective Study  
Çiğdem Bozan

Free Communication Session 08  
05.09.2018 13:45-14:45 / Cubicle: 2  
Theme: Digital Dentistry

FC029  Facial Comparison in 3D  
Arik Lerman

FC030  Digital Dentistry, Diagnosis by Images. Guided Clinical Resolutions  
Nicolas Raffaeli

FC031  Inter-Intra Rater Reliability Using “E-Charting EDR” In Dental Education Setting  
Namita Shanbhag

FC032  A Novel Method For Merging CBCT and STL Data  
Dick Leenheer

Free Communication Session 09  
05.09.2018 13:45-14:45 / Cubicle: 3  
Theme: Caries Prevention

FC033  Frequency of Dental Visits: Impact on Caries Incidence in Infants  
Sonia Groisman

FC034  Effects of Different Surface Pre-Treatments on Microleakage of Fissure Sealants  
Ezgi Yeniçeri

FC035  Assessment of an Educational Strategy for Oral Health in Childhood  
Valentina de La Roche Colorado

FC036  Antibacterial Activity of Indonesian Shellac Fluoride Varnish Against Streptococcus Mutans  
Annisa Trihapsari
Free Communication Session 10  
05.09.2018 15:00-16:00 / Cubicle: 1  
Theme: General Dentistry

FC037  The Process of Ability to Understand the Emotions Students Dentists  
Anastasia Vetrova

FC038  The Role of the Process of Attention of Dental Students  
Natalia Karabushchenko

FC039  Improving Safety of Staff and Patients by Preventing Sharps Injuries  
Ramini Shankumar

FC040  Contemporary Dental Photography: How to Improve Our Photographs in An Agile Way  
Alejandro Welschen

Free Communication Session 11  
05.09.2018 15:00-16:00 / Cubicle: 2  
Theme: Digital Dentistry

FC041  Road To Fact-Based Dental Health Policy Formulation and Service Delivery  
Wouter Put

FC042  Peer-To-Peer Public Health Data Acquisition Via Dental E-Charting  
John Cutter

FC043  Software Mechanism in Patient Planning  
Norin Forna

FC044  Haptic Systems in Dental Medicine  
Norina Consuela Forna

Free Communication Session 12  
05.09.2018 15:00-16:00 / Cubicle: 3  
Theme: Special Care Dentistry

FC045  Improving Dental Access for People With Intellectual Disability Using Video  
Attilio Biondo

FC046  Dentistry and Disability: Burn Out Syndrome  
Patricia Fantilli

FC047  Oral Health Care Unit For People Living With Diabetes  
Daniel Vegh

FC048  Oxidative Stress and Periodontal Disease In Down Syndrome  
Masaichi-Chang-Ii Lee
06.09.2018, Thursday

**Free Communication Session 13**
**06.09.2018 10:00-11:00 / Cubicle: 1**
**Theme: Epidemiology**

FC049 Insecure Attentions in Dentistry in A Public Teaching-Service Institution, Colombia
Andrés A. Agudelo-Suárez

FC050 Risk Genotoxic by Use of Radiation in Oral Health
Corina Flores Hernández

FC051 Oral Health Outcomes for Maori Children in Tairawhiti, New Zealand
Arish Naresh

FC052 Oral-Dental Health Status of Kindergarten Children in Turkey
Didem Öner Özdüş

**Free Communication Session 14**
**06.09.2018 10:00-11:00 / Cubicle: 2**
**Theme: Pedodontics**

FC053 Parental Satisfaction After Children’s Dental Rehabilitation Under General Anesthesia
Fatma Abdelgawad

FC054 Hard Tissue Formation in Pulpotomized Primary Teeth with MCM-48, MCM-48/Hydroxy-Apatite
Sahar Talebi

FC055 Oxygen Saturation and Pulse Rate During Pediatric Midazolam Sedation
Benjamin Peretz

FC056 Retrospective Study of Oro-Facial Infection in Saudi Children
Manal Almalik

**Free Communication Session 15**
**06.09.2018 10:00-11:00 / Cubicle: 3**
**Theme: Oral Surgery**

FC057 Study the Influence of Sound Vibration in Vitro
Jose Mariano

FC058 Applications of Botulinum Toxin in Dentistry
Roman Smucler

FC059 Preoperative Radiation Effect on Woundhealing in Oral Surgery
Stefan Schultze-Mosgau

FC060 Single Puncture Arthrocentesis in Unilateral Temporomandibular Joint Disorders
Sanjay Joshi
Free Communication Session 16  
06.09.2018 11:15-12:15 / Cubicle: 1  
Theme: Prosthodontics & Implantology  

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<th>Fabrication of a Bar-Supported Overdenture without Dismounting the Bar</th>
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<th>Evaluating the Approach of Dentists to Precision Attachments</th>
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<th>Success of Restoring Depends on Right Treatment Planning?</th>
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Free Communication Session 17  
06.09.2018 11:15-12:15 / Cubicle: 2  
Theme: Public Health  

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<th>Municipal Schools Free of Caries</th>
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Free Communication Session 18  
06.09.2018 11:15-12:15 / Cubicle: 3  
Theme: Endodontics  

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<th>Treatment of Immature Teeth with Open Apex Using PRF Scaffold</th>
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Free Communication Session 19
06.09.2018 12:30-13:30 / Cubicle: 1
Theme: Gerodontontology and Prosthodontics

FC072 Edentulism and Prosthetic Needs of Elderly Population in Georgia
Vladimer Margvelashvili

FC073 Nurse Knows Best; Or Does She? Assessing Nurses’ Oral-Health
Knowledge
Kadambari Rawal

FC074 Prosthodontic Rehabilitation of Ectodermal Dysplasia Syndrome
Mohamed Abdel Kader

FC075 Retention of Mandibular Complete Denture with Different Adhesives
Ahmed Esmat

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Theme: Oral Pathology

FC076 Histoplasmosis in the Oral Cavity
Fernanda Sforza

FC077 Relationship Between Dysplastic Changes and Clinical Stages of
Denture Stomatitis
Angel Emilio Bernal-Baláez

FC078 Adenomatoid Odontogenic Tumor. Unusual Case Report
Doris Ballesteros Castañeda

FC079 Clinical Presentation and Management of Craniofacial Dysostoses: Two
Case Reports
Lucy Kaluvu

Free Communication Session 21
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Theme: Implantology

FC080 New Argentine Bone Graft of Porous Nanocrystalline Beta Tricalcium
Phosphate
Miguel Angel Garcés Villalá

FC081 Alveolar Preservation Prior To Implant Insertion: Case Series
Miguel Vergara

FC082 Stem Cell Homing and Alveolar Bone Regeneration
Wolf-Dieter Grimm

FC083 Implant Surgery in Patients with Continued Anticoagulant Or
Antithrombotic Therapy
Michael Andreas Ermer
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Theme: Oral Surgery

FC084  Management of A Panfacial Trauma Pregnant Patient-The Team Approach
Ashi Chug

FC085  Platelet Rich Plasma: Sinus Lifting Pilot Study Case Report
Luca Barbera

FC086  Current Management of Partial Duplication of the Face (Diprosopus)
Su Yin Htun

FC087  Lasers in Minimally Invasive Dental Medicine
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Free Communication Session 23
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Theme: Materials

FC088  Effects of Polishing Methods on Physical Properties of Nanohybrid Composites
Gökçe Dönmez Kırarı

FC089  Effect of Surface Conditioning on Adhesion To Dentin Replacement Materials
Tan Fırat Eyüboğlu

FC090  The Effect of Chlorhexidine/Ethanol on Bond Strength of Universal Adhesives
Zeynep Buket Kaynar

FC091  Premolars’ Cuspal Deflection Restored Using Bulk-Fill Materials with/without Liner
Burcu Oğlakçı

Free Communication Session 24
06.09.2018 13:45-14:45 / Cubicle: 3
Theme: Periodontics

FC092  Emerging Multidisciplinary Therapeutic Approach for Managing A Fused Maxillary Incisor
Rania ElBackly

FC093  The Relationship Between Osteoporosis & Periodontitis
SeyedAhmad Banhashem Rad

FC094  Comprehensive Treatment of Chronic Periodontitis and Occlusal Trauma
Tomoko Morooka

FC095  Reimplantation: 6 Month and 12 Month Follow-Up
Demet Şahin
Free Communication Session 25  
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Theme: Endodontics

FC096 Top-Cited Articles in Regenerative Endodontics  
Samira Adnan

FC097 Treatment by Regeneration of Tissues in Apical Lesions  
Beatriz Maresca

FC098 Antimicrobial Efficacy of Silver Nanoparticles Against E. Faecalis...An Ex-Vivo Study  
Anil Chandra

FC099 Destructive Chronic Periodontitis Treatment with Copper-Calcium Hydroxide and Diode Laser  
Aida Meto

FC100 Iodometric Dosage of Sodium Hypochlorite Used for Endodontic Irrigation  
Yolande Koffi-Gnagne

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FC101 Bonding of A Multi-Mode Adhesive To Different Enamel Prism Orientations  
Sherif Khadr

FC102 Evaluation of Physical Properties of Composite-Resins with Different Filler-Particle Size  
Ece Balkan

FC103 Clinical Performance of A Glass-Hybrid Restorative in Extended-Size Class-II Cavities  
Zeynep Bilge Kutuk

FC104 Premolar Cuspal Deflection Restored with Dual-Cure Composites Using Different Power- Irradiances  
Mağrur Kazak

FC105 Fluoride Release and Recharge/Uptake Abilities of A Restorative Glass Ionomer  
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FC106  Maxillary Molar Distalization Using Indirect Anchorage with Mini-Implants
Karen Prieto

FC107  Technology in Brackets and Arches. Impact on Treatment Plans
Maria Eugenia Mateu

FC108  Accelerated Space Closure in Clinical Orthodontics
Daniel Segovia

FC109  Implant as an Orthodontic and Prosthetic Anchor
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FC110  Interceptive Orthodontics - Why, When and the Final Outcome
Reena Khullar
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07.09.2018 10:00-11:00 / Cubicle: 1  
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FC11   Full Digital Workflow For Orthodontics, Implant-Prosthetic Rehabilitation: A Case Report  
Marc Nacar

FC12   Bleaching With Low Concentration of Hydrogen Peroxide: Randomized Clinical Trial  
Leandro Martins

FC13   Influence of Clinical Experience Level on The Shade Matching Accuracy  
Maja Zagar

FC14   Minimal Invasive Management of A Diastema Case With Occlusal Management  
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Theme: General Dentistry

FC15   From Dental Extraction To Prevention In Pediatric Dentistry  
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FC16   Contribution of Portable Dental Radiographic Unit In Forensic Identification  
Alan Diego Briem Stamm

FC17   Osteoarthritis of Temporo Mandibular Joint Non-Invasive Functional Rehabilitation  
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07.09.2018 10:00-11:00 / Cubicle: 3  
Theme: Oral Medicine

FC18   Human Papillomavirus (HPV) In Oral Mucosa  
Gabriela Alejandra Nalli

FC19   Helicobacter Pylori. Association With Ardor, Lingual Papillary Hyperthrophy and Halitosis  
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FC20   Analysis and In-Silico Identification of PTS Inhibitors In Streptococcus Mutans.  
Wbeimar Andrey Rivera Pérez

FC21   Recurrent Aphthous Stomatitis and Gene Variability In Selected Interleukins  
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Theme: Implantology

FC122 Effects of Osseointegrated Implants on Psychological and Social Well-Being  
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FC123 Navigation In Implantology-Success Or Failure Criteria?  
Norina Consuela Forna

FC124 Survival and Success Rate of Attachments Systems  
Cevat Tuğrul Turgut

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Theme: Orthodontics

FC126 Severe Deep Bite and Gingival Recession Treated With Clear Aligners  
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FC127 Topographic and Structural Enamel Changes After Orthodontic Primer Absence  
Atia Abd Elwareth Abd Elrazik Yousif

FC128 Velopharyngeal and Glossopharyngeal Volume Changes After Implant Anchored Maxillary Expansion  
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FC129 Alveolar Bone Changes After Orthodontic Tooth Movements A CBCT Study  
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Theme: Prosthodontics

FC130 Digital/Analog Combination In Oral Rehabilitation: Changing Paradigms.  
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FC131 Clinical Result of Anti-Rotational Elements In Prosthesis  
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FC132 Silicone Housing Versus Metal of Ball Attachment on Retained Overdenture  
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FC133 Digital Reverse Engineering Applications on Implant Supported Restorations  
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07.09.2018 12:30-13:30 / Cubicle: 1  
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FC134  Relationship Between Statins and Periodontal Parameters In Chronic Periodontitis  
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FC135  Perceived Pain Assessment Using Laser and Surgical Technique For Depigmentation  
Ferhat Özelci

FC136  Comparison of Using Laser and Scalpel In Frenectomy: Patient Responses  
Umut Öğütücü

FC137  Treatment of Gingival Enlargement: Comparative Evaluation Between Scalpel and Laser  
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Theme: Public Health

FC138  SDF Protocol For Reducing Preventable Dental Hospitalisations In Victorian Children  
Rana Yawary

FC139  Australia’s Oral Health Tracker – A National Report Card  
Hugo Sachs

FC140  Phuduhudu Community Oral Health Project  
Mbangu Jones Kashweeka

Free Communication Session 36  
07.09.2018 12:30-13:30 / Cubicle: 3  
Theme: Materials

FC141  The Effect of Application Errors on Acetone-Based Adhesive Bonding  
Omar Nader

FC142  SEM Study of New Micro-Posts In Restoration of Pulpless Tooth  
Marc Bolla

FC143  Frequency of Crowded Coronary Restorations and Practitioners’ Attitudes Towards Failure  
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FC144  24-Month Clinical Evaluation of Two Universal Composites In Posterior Teeth  
Sevil Gürgan
Free Communication Session 37
07.09.2018 13:45-14:45 / Cubicle: 1
Theme: Prevention and Periodontal Diseases

FC145 Motivational Interview of Patients With Fixed Orthodontic Appliances: Case Serie
Henry Adames-Vargas

FC146 Toll-Like Receptors In Periodontal Disease - A Future Biomarker
Carlos Viegas

Free Communication Session 38
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Theme: Epidemiology

FC147 Caries Assessment Spectrum In The Cloud: The Data-Mined Severity Score
Isadora Passos Maciel

FC148 Oral Health Comparison In Special Schools Using Cloud-Based Charting Tools
Gustavo Fabián Molina

FC149 Oral Health and Associated Factors of Children Aged 4-5 In_Salta
Maria Angelica Valdez

FC150 Early Childhood Caries Among Preschool Children In Victoria, Australia
Shalika Hegde

Free Communication Session 39
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Theme: Periodontics

FC151 Periodontal Status of Anabolic Androgenic Steroid Male Users
Joao Paulo Steffens

FC152 Correct Prognosis In Oral Rehabilitation: Prosthetic Or Periodontal Diagnosis?
Christian Rochefort

FC153 Comparison Between Cryosurgery and Electrosurgery In Physiologic Gingival Depigmentation
Amr Asker

FC154 Impact of Tetracycline Gel 2% on Chronic Periodontitis
Seyed Ali Banihashemrad
Free Communication Session 40  
07.09.2018 15:00-16:00 / Cubicle: 1  
Theme: Caries Prevention and Pedodontics

**FC155**  
Infant Caries Management Model With An Innovative Combination Therapy Approach  
Francisco Ramos-Gomez

**FC156**  
Microinvasive Treatment of Discolored White Spot Lesions With Resin Infiltration  
Hatice Tepe

**FC157**  
Effect of Stevia Rebaudiana Mouthwash on Streptococcus Mutans  
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**FC158**  
Conservative Management of Fused and Geminated Permanent Anterior Teeth  
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07.09.2018 15:00-16:00 / Cubicle: 2  
Theme: Oral Surgery, Oral Medicine and Oral Immunology

**FC159**  
Follow-Up of Permanent Teeth Eruption With Benign Odontogenic Cyst  
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**FC160**  
Comparison of Laser and Ozone Treatments on Palatal Wounds  
Sıla Çağrı İşler

**FC161**  
Sexually Transmitted Infections With Oral Manifestations  
Sergio Dario Verdú

**FC162**  
State of Hypercoagulability (Antiphospholipid Syndrome (APS)). Oral Implant Surgery  
Alicia B. Prone

Free Communication Session 42  
07.09.2018 15:00-16:00 / Cubicle: 3  
Theme: Oral Health and Systemic Health

**FC163**  
Awareness on Relation Between Oral and General Health Among Patients  
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**FC164**  
Have Treatments Increased Under General Anesthesia Due To Dental Anxiety?  
Ergin Öztürk

**FC165**  
Laser Treatment For S. Mutans and C. Albicans Infections.  
Kinga Grzech-Leśniak

**FC166**  
Correlation Functional State Dental and Postural Systems  
Evgeny Solovykh

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*Buenos Aires, Argentina  
5-8 September 2018*
Free Communication Session 43  
08.09.2018 10:00-11:00 / Cubicle: 1  
Theme: Public Health

FC167  Simulating An Oral Public Health Programme Using Decision Analytic Models  
Raul Palacio

FC168  Influence of Breast Cancer Chemotherapy on Oral Health  
Brita Willershausen

FC169  Awareness of Neonatologists and Anesthesiologists About Oral Complications of Intubation  
Aycan Dal

FC170  Preventing Oral and Non Communicable Diseases Using Integrated Approach  
Kjakazi Obed Mashoto

Free Communication Session 44  
08.09.2018 10:00-11:00 / Cubicle: 2  
Theme: Special Care Dentistry

FC171  The Assistance of Patients With Intellectual Disability  
Stefania Leber

FC172  Dental Care In Twins With Schizophrenia Disorder  
Maria Agustina Reyes

FC173  Management of Dental Needs For Cancer Patients Undergoing Chemo/Radiotherapy  
Naseem Rather

FC174  Mental Health Issues and Dentistry: Challenges To Oral Care  
David Clark
Free Communication Session 45  
08.09.2018 10:00-11:00 / Cubicle: 3  
Theme: Implantology

FC175 Mandibular Tooth Socket Preservation With Amniotic Membrane Plus Bone Allograft  
Seyed Ali Mosaddad

FC176 Dental Implantation Under Anticoagulant Treatment  
Yifat Manor

FC177 A Neck Shape Cloning Technique, To Maintain The Original Architecture  
Oswaldo Villa

FC178 Pf Keep Used as Restorative Material For Implants  
Francisco Cabrera

Free Communication Session 46  
08.09.2018 11:15-12:15 / Cubicle: 1  
Theme: Caries

FC179 Clinical Efficiency of A Method of Infiltration At Caries Treatment  
Svetlana Granko

FC180 Restorative Treatment Decisions For Occlusal Lesions of Primary Molars  
Michèle Muller-Bolla

FC181 Comparison of Permanent First Molars Situations Between Two Age Groups  
Elif Defne Altıntaş
Free Communication Session 47
08.09.2018 11:15-12:15 / Cubicle: 2
Theme: Oral Pathology

FC182  Globulomaxillary Cyst: Forced Discovery and Support
       Lô Baidy Mamadou

FC183  External Root Resorption Evaluated by Panoramic Radiographs In A Patient
       Corina Flores

FC184  Oral Rehabilitation Using Zirconia Implants and Zirconia Prostheses. Case Report
       Thierry Page
Poster Sessions
05.09.2018, Wednesday

**Poster Session 01**
**05.09.2018 10:00-11:00 / Screen: 1**
**Theme: Oral Surgery**

- **P001** Outcomes After Lingual Frenulum Surgery: A Case Report  
  Sérgio Atzei Penha
- **P002** Bichectomy Performed by a Plastic Surgeon and a Maxillofacial Surgeon  
  Valeria Gonzalez Martinez
- **P003** The PH Shock on The Osteoblastic Differentiation of SaOS-2  
  Won Lee
- **P004** The Prevalence of Impacted Permanent Canines in a Saudi Subpopulation  
  Shaeah AlWehaiby
- **P005** The Effects of Le-Fort I Maxillary Advancement on Pharyngeal Airway  
  Ece Bozok

**Poster Session 02**
**05.09.2018 10:00-11:00 / Screen: 2**
**Theme: Materials, Esthetics**

- **P006** Purified Tricalcium Silicate, Bioactive Dentin Substitute  
  Marina Del Carmen Alonso
- **P007** Influence of Preheating on Marginal Microleakage of Resin Composite Restorations  
  Tomás Calza
- **P008** Colour Stability of Preheated and Non-Preheated Resin Composites  
  Ana Carolina Carranza Astrada
- **P009** One-Step Restoration Material  
  Victoria Romero Venier
- **P200** Reanatomization of Anterior Teeth with Composite Resin: Case Report  
  Kyvia Silveira de Lira

**Poster Session 03**
**05.09.2018 10:00-11:00 / Screen: 3**
**Theme: Epidemiology**

- **P011** Location of Point a in La Plata’s Children  
  Graciela Noemí Bonfanti
- **P012** Assessment of Dental Caries Treatment Needs in Primary School Children  
  Maria Shirley Garcia

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**Buenos Aires, Argentina**  
5-8 September 2018
Poster Session 04
05.09.2018 11:15-12:15 / Screen: 1
Theme: Oral Health and Systemic Health

P013  Lead Poisoning, a Silent Disease
Nora Rigada

P014  General Population Knowledge, Diagnostic and Symptoms of Temporomandibular Disorders
Julieta Cecilia Palou

P015  Histiocytosis Lesions in The Oral Cavity. A Case Report
Verónica Herminia Pavan

P016  Self Perception of Dental Fluorosis in Adolescents in Durango, México
Nelly Molina

P017  Filipino Endocrinologists’ Awareness on The Diabetes Periodontal Disease Interrelationship
Bhabita Murjani

Poster Session 05
05.09.2018 11:15-12:15 / Screen: 2
Theme: General Dentistry

P018  Differential Gene Expression of BFGF-Treated SHEDs
Preeyanun Prasertsith

P019  Efforts of International Exchange To Dental Education in ODU
Yi Ru Fang

P020  Indicators for Comparison of Profiles of The Dental Services
Miira M Vehkalahti

P021  Prevalence of Gingivitis Among Young Dental Students
Mariam Mohammed

P022  Prevalence of Dental Caries Among Young Dental Students
Nino Lezhava

Poster Session 06
05.09.2018 11:15-12:15 / Screen: 3
Theme: Orthodontics

P023  Cementoblasts Inflammatory Markers Expression Under Compression and Photostimulation Treatment
Chia Tze Kao

P024  Unusual Complication of a Dilacerated Maxillary Central Incisor: Case Report
CM McNamara
P025 Interdisciplinary Treatment of Class II Malocclusion with Severe Periodontitis  
Eddie Hsiang-Hua Lai

P026 Effects of Banded Rapid Maxillary Expansion on Occlusal Force Distribution  
Tuba Tortop

P027 Self-Perception of Malocclusion Among Saudi Adolescents Using The IOTN  
Haneen Alotheem

Poster Session 07
05.09.2018 12:30-13:30 / Screen: 1
Theme: Digital Dentistry

P028 Digital Workflow for Construction of a Removable Partial Denture  
Ayse Mathey

P029 Simplified Protocol for 3D Printed Dentures Using Poly(Methyl Methacrylate)-TiO2 Nanocomposite  
Andreea Cristiana Didilescu

P030 Experiences and Satisfaction of Using Dental Navigation in Taiwan  
Yi-Shing Shieh

P031 In Vivo Evaluation of Reproducibility of Digital Occlusal Registration  
Yotaro Iwauchi

P032 Facial Comparison in 3D  
Arik Lerman

Poster Session 08
05.09.2018 12:30-13:30 / Screen: 2
Theme: Caries Prevention

P033 Caries in Brazilian Schoolchildren: Relationship with Socio-Demographic Factors and Obesity  
Christiana Almeida Salvador Lima

P034 Long-Term Effect of Supervised Tooth-Brushing on Prevalent Teenage Caries  
Tatiana Kupets

P035 The Introduction of Antimicrobial Additive in Composite Material  
Ruzanna Bragunova

P036 Evaluation of Antimicrobial Activity of Dental Composite Materials  
Svetlana Razumova
**Poster Session 09**  
**05.09.2018 12:30-13:30 / Screen: 3**  
**Theme: Public Health**

P037  Educational Strategy in Oral Health for Children with Visual Disability  
*Clara Liliana Gallego Gómez*

P038  Prevalence of Caries in Schoolchildren of San Miguel de Tucumán  
*Luís Artemio Sotomayor Roman*

P039  Technological Innovation in Educational Practices. 20 Years “Sembrando Sonrisas”  
*Patrícia Mónica Scavone*

P040  The School as a Link of Education, Community and Oral Health  
*Sabrina Barros*

P041  A Public Assistance Extramural Educational Model in Community Dentistry  
*Yolanda Adela Colombo*

**Poster Session 10**  
**05.09.2018 13:45-14:45 / Screen: 1**  
**Theme: Periodontics**

P042  Efficiency of UNC-15 and a Second-Generation Probe in Periodontal Examination  
*Ma. Celina García*

P043  Advantages of Cross Sling Suture Technique on Free Gingival Grafting  
*Şafak Necati Dönertaş*

P044  Case Study: Food Intolerance  
*Katarzyna Gawlowska*

P045  Clinical Periodontal Parameters and C-Reactive Protein in Aggressive Periodontitis Patients  
*Stefan Podzimek*

P046  Regeneration Treatment with T-PRF: Case Report  
*Burak Gökay Yıldırım*

**Poster Session 11**  
**05.09.2018 13:45-14:45 / Screen: 2**  
**Theme: Endodontics**

P047  CBCT Scanning of Mandibular First Molars Root Canal Morphology  
*Haydar Barakat*

P048  Endodontic Treatment of a Mandibular Second Premolar with Type IX  
*Omar Al-Dayel*
P049  Root Canal Morphology of The Maxillary First Molars Using CBCT
       Antonina Fomina

P050  Distance Between Mandibular Molars Apices and Mandibular Canal
       Using CBCT
       Ammar Howijieh

P051  Distance Between Maxillary Molars Apices and Maxillary Sinus Using
       CBCT
       Anzhela Brago

Poster Session 12
05.09.2018 13:45-14:45 / Screen: 3
Theme: Pedodontics

P052  Predictors of Treatment Outcome in Temporary Molars’ Pulp Capping
       Silvia Per

P053  Anaesthesia with Sanative Dental Intervention in Children in Ambulatory
       Conditions
       Alexey Gritsan

P054  Assessment of Distribution of Pulpitis in Primary Dentition
       Dobrinka Damyanova

P055  Reducing Dental Phobia In Children with Animated Characters and Toys
       ShahabEddin Yahyaei

P056  Prosthetic Rehabilitation of 4 Years Old with Papillon Lefevre Syndrome
       Hind Tallab

Poster Session 13
05.09.2018 15:00-16:00 / Screen: 1
Theme: Materials

P057  Criteria for Dental Restorations Replacement in Rio de Janeiro
       Ana Cristina Tetzner

P058  Novel Coating Technique of PMMA Denture Base by Chitosan
       Marek Zietek

P059  Characterization of a Pulp Capping Material Based on Tricalcium Silicate
       Mihai Andre

P060  Translucency and Value of Resin Composite Multilayering Technique
       Bibiana Gabardo Perez

P061  Development of Advanced Multi-Functional Material for Remineralization
       of Caries Lesion
       Rie Imataki
Poster Session 14  
05.09.2018 15:00-16:00 / Screen: 2  
Theme: Prosthodontics

P062 Evaluating Dimensional Stability: Plaster and Epoxy Resin Dental Casts  
Leonardo Beltramone

P063 Mechanical Strength of Ceramic Abutments in Different Load Angle  
Magomed Salamov

P064 Machinical Strength of Zirconium Dioxide Post-Core Structures  
Alisa Oganyan

P065 Fracture Resistance of Different Post & Core Systems  
Farshad Dehnavi

P066 Minimally Invasive Full-Mouth Rehabilitation in Worn Dentition: a Case Report  
Marisol Michelet

Poster Session 15  
05.09.2018 15:00-16:00 / Screen: 3  
Theme: Implantology

P067 Alveolar Ridge Augmentation with Two Mandibular Buccal Shelf Cortical Plates  
Shinya Yura

P068 Use of Biomodels in Osseous Graft Procedures  
Raquel Abreu Bueno

P069 Non-Splinted Single Tooth Restorations Based on Short Implants in Maxilla  
Tomasz Gedrange

P070 Acoustic Emission Employment To Verify Stability of Bone-Dental Implant Interface  
María Evangelina Montiel

P071 Implant Union and The Strength of The Prosthetic Screw  
Wellington Lima
Poster Session 16  
06.09.2018 10:00-11:00 / Screen: 1  
Theme: Oral Surgery

P072 Odontogenic Keratocyst Treatment and Following Up – a Case Report  
Mehmet Yaltırık

P073 Customized 3D-Allogenic Bone Blocks in Bone Defect Augmentation  
Marzena Dominiak

P074 Two Different Ridge Preservation Technique in Anterior Maxilla: Case Series  
Ahu Uraz

P075 Diode Laser’s Applications in Mucosal Surgery  
Sofia Haitami

P076 Pain-Relief Tactics on Mandibular Angular Fractures Early Postoperative Period  
Ilsbat Yuldashev

Poster Session 17  
06.09.2018 10:00-11:00 / Screen: 2  
Theme: Orthodontics

P077 Cephal Behavior According To Bad Occlusion  
Marcela Rao

P078 Importance of PONT Index for Diagnosis and Orthodontic Treatment  
Nora Dos Reis

P079 Chromatic Evaluation Between Central Incisor and Canine with Lateral Loss  
Rosa Maria Iza

P080 Valuation The Torque of The Upper Incisors in Aesthetic Smile  
María Patricia Lamónica

P081 Molar Inclusion in Adults-Light Forces and Self-Raised Bracketts  
Cristina Mengide
**Poster Session 18**

*06.09.2018 10:00-11:00 / Screen: 3*

**Theme: Materials & Epidemiology**

- **P082** Surface Roughness of Bulk Fill Resins Using Three Polishing Systems
  *Manuel Antonio Bedón Rojas*

- **P083** Biopolymeric Coatings for Improving Biocompatibility of Titanium Alloy Dental Implants
  *Florin-Eugen Constantinescu*

- **P084** Physical Properties of a Denture Base Acrylic Resin After Disinfection
  *Jacqueline de Oliveira Zoccolotti*

- **P085** Biological Properties of Acrylic Resin After Immersion in Disinfectant Soaps
  *Camilla Olga Tasso*

- **P010** Frequency of Mouthguards in The Different Sports in Tucuman
  *Lorena Rego*

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**Poster Session 19**

*06.09.2018 11:15-12:15 / Screen: 1*

**Theme: Oral Medicine**

- **P086** Oral Microbiome Study (Balance of The Oral Microbiota)
  *Ariel Walter Hiacelay*

- **P087** Oral Mucositis in Pediatric Patients with Cancer in Durango, Mexico
  *Omar Tremillo*

- **P088** Evaluation of Saliva K-Na Ions Changes During Orthodontic Therapy
  *Mahsa Esfehani*

- **P089** Laser in the Treatment of Oral Mucositis
  *Bianca Amaral Araújo*

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**Poster Session 20**

*06.09.2018 11:15-12:15 / Screen: 2*

**Theme: Oral Medicine**

- **P090** Alveolar Bone Cells Associated with Dentinogenesis Imperfecta and DSPP Mutation
  *Thantrira Porntaveetus*

- **P091** Attitudes and Practices Study Regarding Dental Floss Among Dental Students
  *Corina Mona Buzea*
P092 Is Obesity a Risk for Periodontal Disease?
Matheus Beumer

P093 Oral Health: The First To Decline During Obesity
Andrei Figueiredo Ribeiro

P094 Dental Surgery in Patients with Severe Blood Dyscrasias
Marcelo Ivander Andrade Wanderley

Poster Session 21
06.09.2018 11:15-12:15 / Screen: 3
Theme: Digital Dentistry

P095 Awareness of Dental Students About Radiation Hazards and Safety Measurements
Mohammed Abduljawad

P096 Distance Learning: Expanding Dental Education in Special Care Dentistry
Deise Garrido

P097 6th Month Follow-Up of Cad/Cam Fabricated All-Ceramic Single Crowns
Yılmaz Umut Aslan

P098 Clinical Evaluation of 2 Different Cad/Cam Inlay-Onlays as Split-Mouth Study
Yasemin Özkan

P099 Accuracy of Two Different Intraoral Scanners in Full Dentate Patient
Ceren Küçük

Poster Session 22
06.09.2018 12:30-13:30 / Screen: 1
Theme: General Dentistry

P100 Acidogenicity and Aciduricity of Streptococcus Mutans Serotype C
Claudia María Bedoya-Correa

P101 Chicken Embryo as a Model To Study Facial Development
Monica Tatiana Parada-Sanchez

P102 Empathy in Dentistry Students of Universidad Catolica de Cordoba, Argentina
Sílvia Beatriz Villalba

P103 Importance of Rugae Palatinae in Human Identification
María Teresa Carriego

P104 Bucodental Effect in Divers During and After a Dive
Gloria Mercedes Zambrano Alvarado
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### Poster Session 27
**06.09.2018 13:45-14:45 / Screen: 3**
**Theme: Orthodontics**

| P120 | Number Abnormalities in HIV Positive Patients with Verticaltransmission |
|      | Horacio Daniel Alessandrello                                      |
| P121 | Class III Malocclusion Treatment with Muh Shield: Mixed Dentition |
|      | Brenda Jazmin Valdez Vargas                                       |
| P122 | Comparative Study of 2 Systems of Passive Self-Ligating Orthodontics |
|      | Yesica Doi                                                       |
| P123 | Development of Natural Arcade with BTM Passive Self-Ligating Orthodontics |
|      | Diana Noemí Calabrese                                            |
| P124 | Class III Patient Treated with Orthodontics and Surgical Assistance |
|      | Sandra Cristina Benítez Rogé                                      |
Poster Session 28  
06.09.2018 15:00-16:00 / Screen: 1  
Theme: Gerodontology, Special Care Dentistry

P125  Dental Status and Oral Function in the Temporomandibular Disorders Elderly  
Mare Saag

P126  Oral Status Perception by Individuals in Drug Dependence Treatment  
Enrique Rotemberg

P127  Total Oral Care of Down Syndrome Comorbid with Regression  
Tomoko Komatsu

P128  Extra-Oral Retained Occlusal Splint: Bruxism Treatment in Down Syndrome  
Cleverton Rabelo

Poster Session 29  
06.09.2018 15:00-16:00 / Screen: 2  
Theme: Public Health

P129  Helping Smiles: Rural Schools  
Griselda Tejo

P130  Curricular Social Practice in The Municipality of Avellaneda  
Adriana Fort

P131  Role of The Dentist in Sports  
Rafael Ernesto Ruarte

P132  Digitalization of the Medical History. New Technologies Available at FOR  
Hector Dario Masia

P133  Obligatory Preventive Program of Oral Health of Misiones  
Maria Del Carmen Jaskulozki
### Poster Session 30

**06.09.2018 15:00-16:00 / Screen: 3**  
**Theme: Periodontics**

| P134 | II-1B and MMP-8 in Relation with Tooth Loss and Smoking  
Silviya Petkova |
| P135 | Experimental Periodontitis in Rats Treated with Oncological Dose of Zoledronate  
Nathália Januario De Araujo |
| P136 | Antineoplastic Agents Aggravate Experimental Periodontitis: a Study in Rats  
David Jonathan Rodrigues Gusman |
| P137 | Evaluation The Osteogenic Potential and Protein Expression of Cell Spheroids  
Jae-Yong Tae |
| P138 | Application of Microencapsulation with Stem Cells for Osteogenic Differentiation  
Jun-Beom Park |
Poster Session 31
07.09.2018 10:00-11:00 / Screen: 1
Theme: Pedodontics

P139  Dental Retention by the Presence of Supernumerary Teeth: Integral Treatment
      Nancy Beatriz Mendel

P140  Morphea or Localized Scleroderma: Clinical Case Presentation
      Maria Laura Navarro

P141  Dental Caries and Dietary Habits in Babies
      Valeria Matys

P142  Suction Habits, Lactation and Malocclusion in 3-To-5 Year Old Children
      Daniela Silvia Fiallega

P143  Follow Up of School Patient with Dentoalveolar Trauma
      Estefania Chiarello

Poster Session 32
07.09.2018 10:00-11:00 / Screen: 2
Theme: Prevention and Periodontal Diseases

P144  Comparative Study of Plaque Index: Different Educative Materials and Frequency
      Lessly Maccha Mayta

P145  New Calcium Selective Sensor for Early Diagnosis of Periodontal Disease
      Corina Marilena Cristache

P146  Mouthwash Efficacy in Prevention of Periodontal Disease in Orthodontic Patients
      Nadezhda Latuta

P216  Blood Levels Of CRP During Maintenance Therapy Of Periodontitis
      Tatjana Janatova
**Poster Session 33**  
*07.09.2018 10:00-11:00 / Screen: 3*  
**Theme: Epidemiology**

**P147**  
Temporomandibular Disorders in An Adult Population in Northern Norway  
*Anders Tillberg*

**P148**  
In Vitro Evaluation of Antimicrobial Activity of Ozone  
*Felipe Agostini*

**P149**  
Knowledge and Practices Regarding Treatments of Dentists in Mexico  
*Fatima Del Carmen Aguilar-Díaz*

**P150**  
Epidemiological Survey of Caries in Rio de Janeiro West Zone  
*Caroline Grijó*

**Poster Session 34**  
*07.09.2018 11:15-12:15 / Screen: 1*  
**Theme: Public Health**

**P151**  
Oral Health Related Locus of Control and Education  
*Nazli G. Shujaat*

**P152**  
Dentoalveolar Anomalies in Children with Sensory Deprivation of Vision  
*Vasili Aliamovskii*

**P153**  
Social Determinants of Health and Risk for Oral Diseases  
*Fabiano José Braz de Oliveira*

**P154**  
“Mondfulness 2.0”: Promoting Optimal Tooth Brushing Through An Artistic Performance  
*Yvonne Buunk-Werkhoven*

**P155**  
Impact of Socioeconomic Inequality of Parents on Children’S Oral Health  
*Anatoly Duzh*

**Poster Session 35**  
*07.09.2018 11:15-12:15 / Screen: 2*  
**Theme: Periodontics**

**P156**  
Alternative for Achieve To Tension-Free Primary Closure in Maxillary Increase  
*Britto Falcón Guerrero*

**P157**  
Comparative Study of PRA According to Lang&Tonetti and Trombelli Algorithms  
*Camila de La Maza Deichler*

**P158**  
Photosensitizer PH Used in APDT Influences Periodontal Healing in Rats  
*Breno Edson Sendão Alves*
Adjunctive Green Tea for The Treatment of Experimental Periodontitis
Henrique Rinaldi Matheus

Poster Session 36
07.09.2018 11:15-12:15 / Screen: 3
Theme: Esthetics

P160 Aesthetical Optimization of Conoid Side Incisives: Case Report
Ana Beatriz Montenegro de Queiroz

P161 Aesthetic Rehabilitation in Anterior Teeth: Association of Techniques
Everardo de Lucena Alves Neto

P162 Aesthetic Solution in Anterior Teeth with Different Substrates
Andrea Naddeo Cruz

P163 Dental Bleaching Associated with Diastema Closure: Case Report
Rita de Kássia Martins Viana

P164 Aesthetical Anatomy Rehabilitation of Anterior Teeth Treated
Endodontically: Case Report
Alana Ghiotto Goncalves

Poster Session 37
07.09.2018 12:30-13:30 / Screen: 1
Theme: Pedodontics

P165 Diagnosis and Treatment of Osteolytic Lesions in Pediatric Dentistry
Manuela Clara Guanzini

P166 A High Viscosity Glass Ionomer Cement (GIC) in Primary Teeth: 12-Month-Follow-Up
Zuhal Kirziöğlu

P167 Effect of Radiotherapy on Dental Development
Yanina Castro Graziani

Poster Session 38
07.09.2018 12:30-13:30 / Screen: 2
Theme: Oral Health and Systemic Health

P168 Ultrasonic Axiography in Clinical Oral Diagnosis
Marian-Vladimir Constantinescu

P169 Prevalence of Periodontal Disease in Institutionalized Patients with
Neurodegenerative Diseases
Diego Oliveira

P170 Ossification of Posterior Atlanto-Occipital Membrane with
Craniofacial Disorders
Ivan Solop
**Poster Session 39**  
*07.09.2018 12:30-13:30 / Screen: 3*  
**Theme: General Dentistry**

P171  
Performance of Autoclavable High-Speed Dental Handpieces Made in Taiwan  
Shieh Yi-Shing

P172  
The Pink Teeth Phenomenon in Forensic Dentistry  
Carlos Zemborain

P173  
Botulinum Tozin as a Minimally Invasive Treatment for Gummy Smile  
Juliana Ramalho

P174  
Do Losartan and Isoproterenol Affect Local RAS in Salivary Glands?  
Isadora Prado Cano

**Poster Session 40**  
*07.09.2018 13:45-14:45 / Screen: 1*  
**Theme: Endodontics**

P175  
CBCT Scanning of Root Canal System in a Russian Population  
Lamara Khaskhanova

P176  
Dentin Demineralization and Fracture Resistance After Endodontic Irrigation Solutions Contact  
Maria Luisa De La Casa

P177  
Comparison of Two Methods of Working Length Determination  
Marjan Bolbolian

P178  
Accuracy of Two Apex Locators Using Files with Different Size  
Sofia Luz Martinez Ponce

**Poster Session 41**  
*07.09.2018 13:45-14:45 / Screen: 2*  
**Theme: Public Health**

P179  
Oral Mucosal Lesions in Crack and Cocaine Addicted Men  
Nara Araujo

P180  
Point of View of Students on Dental Prevention in Schools  
Mouna Hamza

P181  
Reasons for Teeth Extraction in São Gonçalo Municipality  
Catarina Miguez
Poster Session 42
07.09.2018 13:45-14:45 / Screen: 3
Theme: Dental Erosion and Non-Carious Lesions, Caries

P182  Action of Anti-Hypersensitivity Dentifrice on The Enamel Color and Structure
Max José Pimenta Lima

P183  Minimally Invasive Cavity Removal: Chemical-Mechanical Removal and Mechanical Removal
Marianela Morón Bulchi

P184  Short-Time Exposure Activity of Medicines Prototypes for Caries Arrest
Alexander Butvilovsky

P185  Antimicrobial Photodynamic Therapy as An Adjunct for Dental Caries Treatment
Lívia Antunes

Poster Session 43
07.09.2018 15:00-16:00 / Screen: 1
Theme: Prosthodontics

P186  On The Road To Digital Rehabilitation
Andrés Santa Cruz

P187  Multidisciplinary Treatment for Skeletally Class-III Malocclusion: Case Report (2 Cases)
Ceyla Demirer

P189  Polishing Protocols: Composite, Ceramics and Hybrids Materials
Alan Braian Agüero Romero

Poster Session 44
07.09.2018 15:00-16:00 / Screen: 2
Theme: Orthodontics

P190  Effects of Face Mask and RME on Pharyngeal Airway
Sila Mermut Gökçe

P191  Effects of Removable Appliance and Face Mask on Pharyngeal Airway
Elvan Dolanmaz

P192  Containment Requirement Depending on Biotype, Bad Oclussion And/Or Growing
Alicia Beatriz Zini

P193  Relationship Between Size of Mandibular Branch and Mandibular Bases Angle
Andrea Lorena Gonzalez

P194  Adult Treatment of Skeletal Class III with TADs
Francisco Espinha
Poster Session 45  
07.09.2018 15:00-16:00 / Screen: 3  
Theme: Implantology  

P195  Guided Bone Regeneration Of Heterologous Graft Avoiding Autologous Grafting  
Jeronimo Pereira  

P196  Presence of Metallic Components in Peri-Implant Fluid and Inflammation  
Manuel Garcia  

P197  Alveolar Ridge Preservation Using a Novel Titanium Seal  
Cassio Kampits  

P198  Infection Internal of The Implants? New Concept of Disease: Endoimplantiasis  
Eder Huttner  

P199  Evaluation The Five Cement Reverse Torque in Dental Implants  
Rejane Eliete Luz Pedro
08.09.2018, Saturday

**Poster Session 46**  
**08.09.2018 10:00-11:00 / Screen: 1**  
**Theme: Esthetics**

P201 Internal Whitening, a Conservative Alternative in Front Sector  
Melanie Wexler

P202 Occlusal Transference Technique  
Guadalupe Romero Hahan

**Poster Session 47**  
**08.09.2018 10:00-11:00 / Screen: 2**  
**Theme: Oral Surgery**

P203 Ossification Pattern of Bone Grafts Under Topical Bisphosphonates  
Alex Manor

P204 Glandular Odontogenic Cyst. Treatment and Prosvervation of 4 Years  
Guilherme Menali Gomes

P205 Oral Cancer Awareness of Undergraduate Students, University of Technology Jamaica  
Su Yin Htun

P206 How Do We Manage Huge Ameloblastoma in Jamaica?  
Su Yin Htun

**Poster Session 48**  
**08.09.2018 10:00-11:00 / Screen: 3**  
**Theme: Interceptive Orthodontics, Orthodontics**

P207 Interdisciplinary Maxillary Orthopaedic Treatment of a Patient with Perinatal Trauma  
Carolina Guadalupe Gabrielli

P208 Effects of Sealants in Enamel Demineralization Around Orthodontic Brackets  
Bruna Neves da Silva Atzei

P209 Evaluation of Class III Patient Profile Treated Compensatorily and Surgically  
Francisco Fitarelli
Poster Session 49
08.09.2018 11:15-12:15 / Screen: 1
Theme: Implantology

P210  Evaluation of the Titanium Surface to Three Substrates
      Thablo Cunha de Carvalho

P211  The Relationship Between Dental Implant Placement and Incisive Foramen
      Amirhossein Nekooei

Poster Session 50
08.09.2018 11:15-12:15 / Screen: 2
Theme: Caries Prevention

P212  The Daily Use of Antimicrobial Mouthrinse and Oral Bacteria
      Edlira Dedaj

P213  Effect of Sodiumhexametaphosphate on Microhardness and Staining of Enamel Caries
      Zohreh Faghfour Maghrebi

P214  Parental Information About Pre-School Children’S Oral Hygiene – a Survey
      Jens Weusmann

P215  Plant Extracts From Giant Knoweeds as a Anticariogenic Agent
      Jakub Hadzik
World Oral Health Day 2018

- 150 COUNTRIES
- 544 EVENTS
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FDI designates this activity for 140 continuing education credits.

**Number of Continuing Education credits available:**
- Main scientific sessions and Meet the experts: 1 credit per hour of lecture, max 7.5 per day per participant.
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The list of conflicts of interest disclosed by the WDC 2018 speakers as of 6 August 2018 is provided on pages 136 and 137 of this programme.
**General Information**

**Language**
The official languages of the Congress are English and Spanish. Most sessions presented in English will be simultaneously translated to Spanish. Please check the programme for translated sessions.

**Simultaneous Translation Headsets:** All headsets will be distributed from the headset distribution desk at the Yellow Pavilion.

**Liability and Insurance**
The congress and all participants will be covered by 3rd party liability insurance within the limits of the meeting halls and exhibition area, however the insurance does not cover any other kind of losses and damages to participants or their personal property. All exhibitors are advised to buy their own insurance.

**Time Zone**
Buenos Aires is three hours behind Greenwich Mean Time (GMT – 3 hours).

**Electricity**
The electric current in Buenos Aires is 220-240v, 50Hz, AC. Argentina uses standardized type I sockets and plugs (different to most of the world).

**Certificate of Attendance**
Participants will receive a certificate of attendance at the Congress.

**Name Badges**
All participants are obliged to wear the official Congress name badges on all Congress occasions.

**Exhibition**
Access to the exhibition is free for all participants.

**Airport**
The “Ministro Pistarini” is the nearest international airport, located at Ezeiza. It is 35 km (22 miles) southwest of downtown Buenos Aires. The airport is the main gateway to Argentina, where all international flights arrive. “Jorge Newbery Airport” is located on the city’s riverside, five minutes from downtown. From there, you can fly to the provinces and some neighbouring countries.

**Taxis and Uber**
There are several choices of transportation in the city. You can either call a taxi cab or hail one in the street. Taxis only accept Argentinian Pesos (AR$), and some might accept credit cards. Uber is active in the city and functioning very well.

**Public Transportation**
There is a subway and public buses in the city. The organizers recommend using the subway to reach the congress center from downtown.

**Wifi Access**
Public Wifi is available in the Scientific Halls and Exhibition Area

Network: FDIWDC18
Password: FDIWDC18
Social Programme

Opening Ceremony

Date: 05.09.2018 Wednesday
Time: 18:30 to 20:00
Venue: La Rural, Red Pavilion (General Assembly Hall)
Entrance: Free for all participants and exhibitors

Buenos Aires Night

Date: 06.09.2018 Thursday
Time: 19:00 to 22:00
Venue: Tango Porteño – Av. Cerrito 570, Buenos Aires (NH Hotel Porteño)
Entrance: Ticket and invitation only
Transfer: No transfers

Gala Dinner

Date: 07.09.2018 Friday
Time: 20:00 to 23:30
Venue: Palacio San Miguel – Suipacha 84, Buenos Aires
Entrance: Ticket and invitation only
Transfer: No transfers
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