Bridging Continents for Global Oral Health

Final Programme
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Information in this final programme is correct as of 5 August 2013. Every attempt is made to ensure the details are accurate and complete. The organizers are not responsible for any inadvertent errors or omissions.
A message from FDI President
Dr. Orlando Monteiro de Silva

FDI 2013 Istanbul: everything we expected

With registrations topping anything we have seen in recent times, a fully-booked exhibition, record-breaking abstract submission (200% up!) and an international scientific programme remarkable for both the breadth of its coverage and the depth of its analysis of dental medicine today, FDI 2013 Istanbul has turned out to be everything we had hoped and, indeed, expected.

Alongside the congress, FDI will be launching some new and exciting initiatives, announcing in particular the first project to be derived from its groundbreaking Vision 2020 on how the dental profession should evolve and adapt over the next decade.

The congress theme is apt: ‘Bridging Continents for Global Oral Health’. Some 10,000 dentists and other oral health professionals from all over the world are assembling in a single key place, Istanbul, astride Europe and Asia, to pursue their goals in professional development and share information with colleagues from other countries regions and continents. It is this international ambiance and inclusiveness that makes FDI’s Annual World Dental Congress unique.

President of TDA & FDI 2013 AWDC
Prof. Dr. Taner Yücel

Istanbul, the former capital city of Roman and Byzantium empires for more than thousand years and Ottoman Empire more than five hundred years, is nowadays a trade and finance center and a cultural capital of modern and secular Türkiye.

Istanbul was selected as the European Capital of Culture in 2010; which helped Istanbul to be the most travelled fifth destination of the world. The city’s most highlighting part remains its historic center - the old city - partially listed as a UNESCO World Heritage Site, its cultural and entertainment hub can be found across the city’s natural harbor, the golden horn and in the Beyoğlu district. The city has many world class attractions, which are already featured in tour programs available for the congress participants. Traditional Turkish motifs exhibit clean lines and natural materials; shopping in Istanbul is sheer pleasure... Modern Turkish cuisine comprises an irresistible combination of old Ottoman recipes and international influences that can be experienced especially at restaurants along the Bosphorus and at Kumkapı.

FDI Istanbul 2013 is certainly exceeding the expectations; attendance by the latest estimates as high as 15,000 and a triple record breaking 1,650 submitted abstracts. More than 1,000 registered dental students and congress mobile application display the modern face and future of FDI, also the congress covers 4 different industry symposia, several forums managed by various scientific federations, 29 hands-on courses and 103 can-not-be-missed lectures which will ensure that every possible field of contemporary dentistry is covered.

It is a great joy for us knowing that after 100 years congress history of FDI, the future of the dental professionals will be shaped in the first congress of the new century in Istanbul. The importance of oral health into general health of the population and the increasing role of the dentist in general health will be strongly announced to the world with Istanbul Declaration.

FDI Istanbul 2013 will not only bridge global oral health, but also will be a big contribution to the peace of world by bridging ties of love for all of us.

On behalf of TDA, I wish you all unforgettable memories during your stay in this beautiful country and as famous poet says, “Nobody can be the same after visiting Istanbul”...
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In October 2013, the Minamata Convention on Mercury will be signed by United Nations Member States in Minamata, Japan—the city where serious health damage occurred as a result of mercury pollution in the mid-20th Century.

Throughout the three-year negotiating period, FDI and its partners advocated a reduction in the use of dental amalgam—versus a ban—through a greater focus on dental prevention and health promotion, increased research and development on alternatives, and best management techniques for amalgam waste.
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Dentist Yaşar Kilerci
Congress Center Layout

Congress center entrance level is the top floor of the venue. All floors are below the entrance level and can be accessed through main escalators and elevators.

**B0 Level**
- Entrance & Exit
- Registration Area

**B1 Level**
- Press Lounge & Center
  (Access through B2 level only)

**B2 Level**
- Lecture Halls
- Dental Parliament
- FDI Pavilion
- Internet Corner
- Simultaneous Translation Headphone Distribution

**B3 Level**
- Free Communications
- Breakfast Meetings / Meet-the-Expert Sessions
- Hands-on Courses
- Business Meetings

**B4&B5 Level**
- FDI 2013 World Dental Exhibition & Expodental

**B6&B7 Level**
- Parking Lot

Welcome Ceremony

FDI 2013 AWDC Welcome Ceremony will include breathtaking shows which reflect the culture of Turkey and Anatolia.

Date & Time: 28 August Wednesday, 18:30-20:00

Venue: Istanbul Congress Center, Harbiye Auditorium

Cost: Free of charge to all registered participants (subject to availability)

**Welcome Ceremony**
**28 August 2013, Wednesday**
**18:30 (admission starts at 17:30)**
**Harbiye Auditorium, B2 Level, Istanbul Congress Center**

All participants are cordially invited to join the Welcome Ceremony of the 101st FDI Annual World Dental Congress. Congress president, FDI president and government officials will address the participants, joined by an audio/visual show and a surprise opening performance.

Famous Turkish percussion artist Burhan Öçal and his group will present a short performance followed by the dance show Fire of Anatolia; a group of 50 dancers to exhibit the motifs of Turkish and Anatolian tradition. Decorated with visual effects, this stunning dance performance will be a show to remember.

The traditional flag roll call will remind us that the truly global and diverse membership positions FDI as the world leader in bringing worldwide dentistry and oral health professionals together.
Main Sponsors
We would like to thank our main sponsors:

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About FDI

FDI World Dental Federation serves as the principal representative body for over one million dentists worldwide. Its membership includes approximately 200 national member associations and specialist groups from more than 130 countries.

FDI is a global player, developing health policy and continuing education programmes, speaking as a unified voice for dentistry in international advocacy and supporting member associations in oral health promotion activities.

A non-governmental organization based in Geneva, Switzerland, FDI is governed by a General Assembly, with policy enacted by its Council and activities implemented through five standing committees comprising 60 volunteers from among its national member associations. Every year, some 300 delegates attend FDI’s World Dental Parliament to debate and define the global future of dentistry.

Working for oral health
FDI’s long and distinguished history and accumulated experience in dental education, public health and access to care make it uniquely expert. It is the only international organization in the field of oral health in official relations with the World Health Organization (WHO) and other agencies of the United Nations.

In pursuit of its vision of ‘leading the world to optimal oral health,’ FDI brings together the collective expertise of its member associations and all oral health stakeholders worldwide. As the dental profession’s global and independent advocate, it champions oral disease prevention and oral health literacy and advances the ethics, art, science and practice of dentistry, facilitating exchange of information throughout the health care community.

Working closely with WHO and the International Association for Dental Research (IADR), FDI is also seeking to promote oral health through the use of fluoride, an issue of concern and action within the Federation for over 50 years.

Public health advocacy
FDI has long been an active advocate in the field of public health and, in cooperation with its national member associations, continues to ensure that oral health remains high on the global health agenda. In recent times, working with partner organizations, FDI succeeded in obtaining a specific reference to oral diseases in the landmark United Nations Political Declaration on the Prevention and Control of Noncommunicable Diseases (NCD) and the subsequent NCD action plans of the World Health Organization (WHO).

Furthermore, in the light of the serious risk to oral health from smoking and tobacco products, FDI has also joined its voice to international tobacco control campaigns and continues to actively engage the oral health care team in tobacco control and prevention.
Improving access to oral health care
90% of the world’s population suffers from dental caries and periodontal disease yet only 60% enjoy access to oral health care. For FDI, access to oral health care is, like access to health care, an essential human right; thus, its World Dental Development Fund (WDDF), backs projects to improve the oral health of communities around the world.

For example, the current ‘Smile Healthy with your Diabetes’ project underway between dental faculties in Turkey and Denmark are ‘An Oral Health Coaching-based Intervention for Patients with Diabetes’, targeting type 2 diabetes patients.

Projects in the field
In a unique and innovative partnership with Unilever Oral Health, FDI is promoting good oral hygiene and practice in communities around the world through Live.Learn.Laugh, which enables participating National Dental Associations (NDAs) to implement oral health projects locally and promotes the message of brushing twice-a-day with a fluoride toothpaste. The project, launched in 2010, is now moving into its third phase.

Furthermore, in line with its commitments under the Minamata Convention, FDI has recently launched a pilot project for dental waste disposal, including free installation of amalgam separators, on 9 sites in three East-African countries Kenya, Uganda and Tanzania. The project is being carried out in cooperation with UNEP, WHO, the International Dental Manufacturers’ Association (IDM) and the private company Dental Recycling International (DRI).

FDI has also extended its role from advocacy to action by producing a Health Improvement Card and toolkit for the control and prevention of NCDs, on behalf of the World Health Professions Alliance WHPA and funded by the International Federation of Pharmaceutical Manufacturers Associations (IFPMA). Today, this toolkit is today recognized as one of the few concrete practical tools in the fight against NCDs.

Environment and dental materials
In the recent multilateral negotiations over an international treaty on mercury (ending January 2013), FDI successfully advocated a phase-down rather than phase-out of dental amalgam, a compound containing mercury and a key restorative material in the fight against dental caries.

This approach, in line with the WHO Oral Health Programme and supported by the IADR, will be coupled with a commitment to oral disease prevention and a push for research into new dental materials. In this way, the treaty, called the Minamata Convention will, thanks to interventions from the oral health community, protect both oral health and the environment.
Education

Every year, FDI provides a unique opportunity for dental professionals and all other sectors related to oral health care to meet and learn from one another during its Annual World Dental Congress (AWDC), a leading global event in the field. Ever conscious of the need to continuously improve and innovate, the new franchise model means this landmark FDI event is held alongside the national congress of one of its member associations.

Throughout the year, the FDI Continuing Education Programme is pursued by its member national dental associations—on average one course every two weeks, somewhere in the world—for dentists worldwide to maintain an up-to-date clinical and theoretical knowledge of the art and science of dentistry.

Our vision for the future

FDI’s Vision 2020 paves the way for a new model of oral health care, led by dentists in collaboration with a wider range of stakeholders from all sectors of society, bearing in mind FDI’s historic concern with widening access to care. Vision 2020 focuses on five key areas: meeting the increasing need and demand for oral health care; expanding the role of oral health care professionals; shaping a responsive educational model; mitigating the impacts of socio-economic dynamics; and fostering fundamental and translational research and technology.
This vision is now being actively implemented in two fields: collaborative practice; and data collection and development of key oral health indicators.

Visit the FDI stand
To learn more about FDI’s Vision 2020 as well as its goals, programmes and activities, come to the FDI Stand on Floor 2B opposite Beyazıt Hall or visit it on the web at www.fdiworldental.org
FDI World Military Dental Congress 2013
Military Dentistry in 2013

Wednesday 28 August
Mid-day sessions 13:00-14:00

Lt General Vimal Arora (India)
Lt Col Michael Luepke (Germany)
Sqn Ldr Mark Dermont (UK)
Col James Taylor (Canada)
Col Andrew Gray (New Zealand)
Surg Cdr Tim Elmer (UK)
Lt Cdr Nanda van de Kraats-van Klink (The Netherlands)
Gp Capt Greg Mahoney (Australia)
Wg Cdr PLP Jayashantha (Sri Lanka)
Com(S) Luis Felipe Jimenez (Chile)
Cdr Joris de la Court (The Netherlands)
Dr Cheng Xie (China)
Lt Ismail Ulgur-Iskender (Switzerland)
Lt Col Trish Leabourne (New Zealand)

Room: Maçka
Language: English
Chairpersons: Major General Yimin Zhao (China)
Colonel Andrew Gray (New Zealand)
Colonel James Taylor (Canada)
Commander Urban Radestadt (Sweden)
Group Captain Greg Mahoney (Australia)
Learning Objectives
Advancement of Military Dentistry and collegial cooperation of Defence Dental Forces Internationally.

Abstract
This year, the theme of the SDFDS meeting will be “Military Dentistry in 2013”. The conference provides an excellent opportunity for the sharing of research and lessons learned about multidisciplinary military oral healthcare. Attendees are invited to submit presentations and symposia on the following topics:

- Modalities oral health care delivery for the military,
- Controversies in military oral health care,
- Military oral health care role in disaster relief and recovery, and
- Techniques and treatment in oral health care.

Maxillo-Facial Prosthodontic Rehabilitation Modalities
Lt General Vimal Arora (India)

Abstract
The presentation will focus on Dental Services in the Indian Armed Forces Scenario and the special considerations related to provision of dental services at all echelons. The presentation will deal with the Maxillo-facial Prosthodontic Rehabilitation for trauma cases as well as for the post surgical defects. Fabrication of various types of prostheses for facio-maxillary complex and other allied areas where prosthodontic services are requisitioned will also be discussed. The presentation will also dwell upon the emotional issues, alteration of maxillo-facial patient’s quality of life, social acceptance for them and their return to normal life.

Periodontal Treatment in the German Armed Forces Dental Service
Lt Col Michael Luepke (Germany)

Abstract
The Dental Service of the German Armed Forces provides dental care to military personnel of the German Armed Forces not only at home in Germany but also on operations in different parts of the world, for example in the Horn of Africa region, Kosovo and Afghanistan. Dental care during deployments often involves meeting special requirements and conditions. The absolute priority must be to attain and maintain dental fitness at a level consistent with combat readiness. This presentation will examine periodontal requirements and treatment in the German Armed Forces.

A bridge too far? Use of an Electronic Health Database to Evaluate Dental Morbidity Risk Prediction in British Military Personnel
Sqn Ldr Mark Dermont (UK)

Abstract
Dental emergencies (DE) can cause significant distress to the individual and threaten military operational effectiveness. Predicting and managing morbidity is a fundamental precept of military dentistry. Currently NATO Categorisation (NATO Cat) fulfils this role however continued high levels of DE in personnel previously deemed low risk has led to its validity being questioned. This largest study of its type evaluated NATO-Cat alongside variables potentially offering improved DE prediction.

Canadian Armed Forces Dental Services Quality Assurance / Continuous Quality Improvement Program
Col James Taylor (Canada)

Abstract
Quality improvement and quality assurance procedures are in place to ensure workplace safety, appropriate patient care, and effective clinic management. An effective process provides a verification that essential routine practices are being carried out in a timely manner, allowing military managers and dental care providers at all levels to be confident that the programs and equipment, under their control and that impact on patient care, are safe and effective. The Canadian Forces Dental Services has developed a Quality Assurance and Continuous Quality Improvements Program aimed at providing direction and guidance to dental personnel in the discharge of their duties that is commensurate with the prevailing national standards of care established by the various Canadian Dental Regulatory Authorities.
Dental Services within the Modern Military
Col Andrew Gray (New Zealand)

Abstract
The presentation will focus on Dental Services in the New Zealand Defence Force. The model for treatment delivery has remained static for over 40 years. Modern militaries are evolving and changing as a result of advances in dental care as well as geo-politic changes and the world global crisis. This presentation will look at these changes, the influence on dental care today in the military and ways to enhance care internationally.

Is There a Differential in the Dental Health of New Recruits to the British Armed Forces? A Pilot Study
Surg Cdr Tim Elmer (UK)

Abstract
Figures from the British Defence Dental Services reveal that serving personnel in the British Army have a persistently lower level of dental fitness than those in the Royal Navy or the Royal Air Force. No research had been undertaken to ascertain if this reflects the oral health of recruits joining each Service. This study aimed to pilot a process for collecting dental and socio-demographic data from new recruits to each Service and examine the null hypothesis that no differences in dental health existed.

Plaque Control in ‘Dutch Sailors’ After Introducing a Powered Toothbrush
Lt Cdr Nanda van de Kraats-van Klink (The Netherlands)

Abstract
The objective of this study was to compare the plaque removal efficacy of a positive control manual toothbrush to a power toothbrush following a repeated single use study design. In addition, this paper reports the results of a study examining the relative plaque removal efficacy of the positive control manual toothbrush to representative manual toothbrushes within the Royal Netherlands Navy.

The True Prevalence of Unscheduled Dental Visits in the Australian Defence Force
Gp Capt Greg Mahoney (Australia)

Abstract
Background: An essential element for determining suitable risk management strategies for dental emergencies in the Australian Defence Force (ADF) is an accurate measurement of that outcome which best reflects those dental visits collectively termed ‘unplanned presentations’. Purpose: The aim of the study was to determine the true prevalence of Unscheduled Dental Visits (UDVs) in the ADF.

Validation of Selected Dental Anxiety Scale in a Military Set up
Wg Cdr PLP Jayashantha (Sri Lanka)

Abstract
Dental anxiety has always been one of the most common psychological conditions encountered in provision of dental care. However, measuring dental anxiety is always a challenging task and most of the scales developed were tested in the general population in Western countries. Therefore, this study aimed to validate Modified Dental Anxiety Scale (MDAS) and Dental Fear Survey (DFS) questionnaire which were translated and culturally adapted for Sinhala language, among Air Force personnel in Sri Lanka Air Force.

Com(S) Luis Felipe Jimenez (Chile)

Abstract
Resin-bonded fixed partial dentures (RBFPD) have been provided in dental practice for approximately 30 years and were developed from the original Rochette design of the 1970s. Rochette proposed adhesively bonded splints with
macromechanical retention through perforated retainers. Introducing a minimally invasive preparation design with large surface areas for bonding and vertical grooves improved the survival rates of RBFPDs. Furthermore, several retentive systems for bonding composite resin to metal were developed. Recently, promising results for single-retainer RBFPDs for the short to medium term have been published.

The Dynamic Treatment Concept in the Military
Cdr Joris Van de la Court (The Netherlands)

Abstract
Operational Military dentistry is aimed at reducing risk in the operational environment. This presentation will examine and review various methods of maintain operational fitness at sea through the use of adhesives / composite material in the field.

The Reformation on Undergraduate Education of Stomatology in Chinese Army
Dr Cheng Xie (China)

Abstract
The reformation on undergraduate education of stomatology in our school started from 2003, which focused on the theoretical principle, clinical skill, humanistic quality, innovative ability and military attainment “five-in-one”. We distribute professional courses of stomatology throughout the whole five years in a spiral progression, in order to be enhanced year by year. All of the professional courses are based on common oral disease, such as dental caries, periodontal disease etc. Rely on our State Training Center; we raised the proportion of experimental practice equal to theoretical courses. Students can’t treat patient unless they pass the strict examination. Students are also required to draw up a holistic treatment plan for a single patient, and finished all the treatment by themselves under the guide of teachers. In order to promote students’ humanistic quality, innovative ability and military attainment, we also bring them to visit the museum of stomatology in our school, to participate in some scientific research work, to give volunteer medical consultation in the barback around the whole country.

Contemporary Challenges and Future Chances in the Dental Service of the Swiss Armed Forces
Lt İsmail Ülgür İskender (Switzerland)

Abstract
One of the major challenges of the Dental Service of the Swiss Armed Forces is the definition of how to use well-trained military dentists in the near future. Due to the decline of caries in the Swiss population some sources question the use of military dentists. The author is going to explain and introduce the organisation and possible reorganisation of the Swiss Dental Service and will explain the training of Swiss military dentists.

Continuing Education and Training in the Development of Professional Competencies in Forensic Dentistry for Military Oral Health Personnel
Lt Col Trish Leabourne (New Zealand)

Abstract
Recent experience with the New Zealand Defence Force in supporting the national disaster victim identification operation following destructive earthquakes in Canterbury, New Zealand, highlights the important role military forensic odontology capabilities can provide in supporting a national disaster response. Military dental personnel are well-trained, practiced, and prepared to support short-notice contingencies and can provide important immediate response augmentation to Disaster Victim Identification teams following a multiple-fatality event. The role of military forensic odontologist and competencies required will be examined in this presentation.
Become a Member of the American Dental Association

The American Dental Association (ADA) is one of the oldest and largest national dental societies in the world. Since its inception in 1859, the ADA has grown to become a global leader in oral health information for dentists and their patients.

Affiliate Membership in the ADA gives you:

- A network of dental professionals in the U.S. and worldwide
- Unparalleled scientific research and publications
- Access to ADA Continuing Education (CE) Online
- The opportunity to attend the ADA Annual Meeting at a special members-only rate

Apply today at ADA.org/joinaffiliate
### Time / Halls

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### Wednesday 28 August 2013 - Wednesday (Day 1)

#### Time Schedule

- **07:45-08:45**: Harbiye Auditorium - Translated English/Turkish
  - **8:00-8:45**: Oral Health by supporting FDI Vision 2020

- **09:00-09:30**: Çamlıca - Translated English/Turkish
  - **8:45-9:30**: New Perspectives on Vertical and Horizontal Augmentation (translated)
    - **9:00-9:30**: Oral Health by supporting FDI Vision 2020

- **09:30-10:00**: Beşiktaş - Translated English/Turkish
  - **9:30-10:00**: Oral Health by supporting FDI Vision 2020

- **10:00-10:30**: Harbiye Auditorium - Translated English/Turkish
  - **10:00-10:30**: Oral Health by supporting FDI Vision 2020

- **10:30-11:00**: Çamlıca - Translated English/Turkish
  - **10:30-11:00**: Oral Health by supporting FDI Vision 2020

- **11:00-11:30**: Beşiktaş - Translated English/Turkish
  - **11:00-11:30**: Oral Health by supporting FDI Vision 2020

- **11:30-12:00**: Çamlıca - Translated English/Turkish
  - **11:30-12:00**: Oral Health by supporting FDI Vision 2020

- **12:00-12:30**: Beşiktaş - Translated English/Turkish
  - **12:00-12:30**: Oral Health by supporting FDI Vision 2020

- **12:30-13:00**: Beşiktaş - Translated English/Turkish
  - **12:30-13:00**: Oral Health by supporting FDI Vision 2020

- **13:00-13:30**: Harbiye Auditorium - Translated English/Turkish
  - **13:00-13:30**: Oral Health by supporting FDI Vision 2020

- **13:30-14:00**: Çamlıca - Translated English/Turkish
  - **13:30-14:00**: Oral Health by supporting FDI Vision 2020

- **14:00-14:30**: Beşiktaş - Translated English/Turkish
  - **14:00-14:30**: Oral Health by supporting FDI Vision 2020

- **14:30-15:00**: Çamlıca - Translated English/Turkish
  - **14:30-15:00**: Oral Health by supporting FDI Vision 2020

- **15:00-15:30**: Beşiktaş - Translated English/Turkish
  - **15:00-15:30**: Oral Health by supporting FDI Vision 2020

- **15:30-16:00**: Harbiye Auditorium - Translated English/Turkish
  - **15:30-16:00**: Oral Health by supporting FDI Vision 2020

- **16:00-16:30**: Çamlıca - Translated English/Turkish
  - **16:00-16:30**: Oral Health by supporting FDI Vision 2020

- **16:30-17:00**: Beşiktaş - Translated English/Turkish
  - **16:30-17:00**: Oral Health by supporting FDI Vision 2020

### Featured Presentations

- **09:00-09:30**: Oral Health by supporting FDI Vision 2020
  - **9:00-9:30**: New Perspectives on Vertical and Horizontal Augmentation (translated)
    - **9:00-9:30**: Oral Health by supporting FDI Vision 2020

- **10:00-10:30**: Oral Health by supporting FDI Vision 2020
  - **10:00-10:30**: Oral Health by supporting FDI Vision 2020

- **11:00-11:30**: Oral Health by supporting FDI Vision 2020
  - **11:00-11:30**: Oral Health by supporting FDI Vision 2020

- **12:00-12:30**: Oral Health by supporting FDI Vision 2020
  - **12:00-12:30**: Oral Health by supporting FDI Vision 2020

- **13:00-13:30**: Oral Health by supporting FDI Vision 2020
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- **14:00-14:30**: Oral Health by supporting FDI Vision 2020
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- **15:00-15:30**: Oral Health by supporting FDI Vision 2020
  - **15:00-15:30**: Oral Health by supporting FDI Vision 2020

- **16:00-16:30**: Oral Health by supporting FDI Vision 2020
  - **16:00-16:30**: Oral Health by supporting FDI Vision 2020
Wednesday 28 August
Early morning sessions 07:45-08:45

Early morning Seminar
Financial management: Tools and Best Practices
Key Performance Indicators, PL and Balance Sheets and Meaningful Information for Dentists
Alexander Tolmeijer (Netherlands)

Time: 07:45-08:45
Room: B325
Language: English
CERP: 1

Early morning Seminar
Evidenced-based Dentistry: What is the Impact on Dental Practice?
Daniel M. Meyer (United States)

Time: 7:45-8:45
Room: B326
Language: English
CERP: 1

Wednesday 28 August
Morning sessions 09:00-12:30

New Perspectives on Vertical and Horizontal Augmentation
Istvan Urban (Hungary)

Time: 09:00-11:00
Room: Harbiye
Language: English
Chairperson: Aslan Gökbuget
CERP: 2

Learning Objectives
- Understand indications, patient selection and treatment alternatives for vertical and horizontal augmentation.
- Learn the principles of the surgical procedure.
- Understand why scientific documentation is superior compared to anecdotal techniques.

Abstract
Vertical and horizontal augmentation presents one of the greatest challenges of bone regeneration in implant dentistry. This is primarily due to the difficulty of the surgical procedure and its potential complications. Recent research on vertical ridge augmentation as well as the use of different growth factors in conjunction with bone grafts will be presented. An exciting, new treatment modality of horizontal augmentation treating edentulous atrophic maxillary ridges will be introduced. This technique utilizes a native collagen, resorbable membrane to completely immobilize and protect a particulated composite bone graft for the initial weeks of graft maturation. The lack of a titanium-reinforced membrane can be overcome by secure fixation of the membrane on both the lingual/palatal and the vestibular side.
Dental Erosion and Dentin Hypersensitivity: How big is this problem in Europe
Denis Bourgeois (France)
Adrian Lussi (Switzerland)
David Bartlett (United Kingdom)
Nicola West (United Kingdom)
Duygu İlhan (Turkey)

Time:  09:00-11:30
Room:  Çamlıca
Language:  English
Chairperson:  Denis Bourgeois
CERP:  2.5

Is Dental Erosion and Dentin Hypersensitivity a Public Health Problem? Rationale of the European Collaborative Study
Denis Bourgeois (France)

Learning Objectives
- To introduce the European study research on risk factors associated with the occurrence of a non-carious cervical lesion in people aged 18-35 years included seen in general dentistry in Europe including Finland, France, Spain, Italy, Latvia, Estonia, Turkey, United Kingdom.
- To introduce the concept of general dentists of the “Sentinel” network invited to participate in the study

Abstract
Non-carious cervical lesions progress constantly. Their high prevalence may be attributed to several factors of which the most important are linked to oral hygiene practices and dietary habits; to these may be added stress and its effects on the occlusion, and increases in population longevity. The multifactorial origin of these lesions makes it difficult to define exactly their aetiology. The difficulty may be explained partly by the very wide differences in prevalence reported by different studies. If risk factors for non-carious cervical lesions have hitherto been poorly studied, better knowledge of these conditions would allow the establishment of preventive measures that seek to reduce the incidence of this condition and to diminish its impact, given that the condition has functional, aesthetic and painful consequences that impact on the quality of life of adult sufferers.

Dental Erosion: Diagnosis and Risk Factors
Adrian Lussi (Switzerland)

Learning Objectives
- To learn more about dental erosion and its many risk factors.

Abstract
Erosive tooth wear is becoming increasingly important when considering the long-term health of the dentition. There is some evidence that the presence of this condition is growing steadily. It is important that diagnosis of dental erosion is made early. Clinical detection is important once dissolution has started. The clinical appearance is the most important sign for dental professionals to diagnose erosion. Adequate preventive measures can only be initiated when the risk factors are known and interactions between them are present. The interplay of chemical, biological and behavioural factors is crucial and helps explain why some individuals exhibit more erosion than others.

ESCARCEL Results - Focus on Tooth Wear
Erosion in European dentitions
David Bartlett (United Kingdom)

Learning Objectives
- To explain how the ESCARCEL study examined European dentitions for tooth wear
- To explain the data from the study and how common tooth wear is in European teeth
- To discuss the implications of tooth wear in Europe

Abstract
This lecture is part of a series describing the outcome of a European Study on Sensitivity and Erosion. Around 3000
patients in General Practices in seven countries were examined for erosion and tooth wear. The results show that tooth wear is very common in Europeans with 26% having erosive wear covering less than 50% of the surface and 3.3% with over 50%. There were large differences between countries with the UK having higher levels. Fresh fruit and juice intake was positively associated with wear whilst a protective effect of dairy produce was detected. In this sample of 3187 patients over a quarter had irreversible signs of tooth wear.

ESCARCEL Results - Focus on Loss of Attachment
Loss of attachment in Europe in young adults
Denis Bourgeois (France)

Learning Objectives
- To record the prevalence of NCCL and dentinal hypersensitivity in relation with loss of attachment in a population of young adults attending a general dentist for consultation in Europe including Finland, France, Spain, Italy, Latvia, Lithuania, United Kingdom, Turkey
- To introduce an estimation of the prevalence of periodontal conditions in Europe

Abstract
Few representative studies have examined the relationship between non-carious cervical lesions and periodontal disease in subjects presenting with clinical loss of attachment. An observational clinical epidemiological study would thus seem to be an appropriate public health response, for the following reasons:
- Oral hygiene practices are key components in the maintenance of good periodontal health.
- Periodontal conditions lead to cervical and radicular exposure, illustrating the aggressiveness of the oral environment and the damage due to brushing, to the cement and the dentine.
- The consequences of these lesions, at the tooth-periodontal tissue interface, manifest themselves functionally by dentinal-pulpal hypersensitivity and aesthetically when the lesions are on the anterior teeth.

ESCARCEL Results - Focus on Hypersensitivity
The Prevalence of Dentine Hypersensitivity in Young People
Nicola West (United Kingdom)

Learning Objectives
As a result of attending the lecture the participant will be able to:
- Understand why there is wide variation in prevalence of dentine hypersensitivity
- Identify the aetiology and risk factors of dentine hypersensitivity
- Improve preventive management of the condition

Abstract
Dentine hypersensitivity is a common oral pain condition thought to be increasing in prevalence due to the longevity of the healthy dentition and more frequent daily, dietary acid challenges. The prevalence of hypersensitivity is variable due to different methods of data collection; similarly risk factors are proposed but not confirmed. Data collected across seven European countries demonstrated high prevalence of hypersensitivity compared to published findings and that is was universally common amongst both young male and female adults. Data also strongly suggests that erosive dietary lifestyle needs to be modified to reduce pain from hypersensitivity, accompanied with prevention of gingival recession. Surprisingly subjects’ perception of tooth sensitivity was much less than the clinical evaluation of their sensitivity.
Dental Erosion and Dentin Hypersensitivity: The Experience of Turkey
Duygu Ilhan (Turkey)

Learning Objectives
By determining the prevalence and severity of non-cervical lesions which are accepted to be a public health issue, collection of data, which can form a sound basis for national oral health policy, are achieved.

Abstract
- To highlight the common etiologic factors between NCDs and oral health disorders (dental caries, non-cervical lesions)
- To annotate the results of national surveillance analysis in the oral health field; to evaluate the non-cervical lesions throughout such as the dental caries, periodontal diseases… etc.
- To compare the national epidemiological data of non-cervical lesions with the international data.
- To determine the targets for decreasing the prevalence and severity of non-cervical lesions in terms of national oral health policy, and to take precautions in national level.

IADR Symposium - The Future of Dental Materials for Direct Restorations in a Post Minamata Convention World
Christopher Fox (United States)
Gottfried Schmalz (Germany)
E. Dianne Rekow (United Kingdom)
Timothy Watson (United Kingdom)
Rainer Guggenberger (Germany)

Time: 09:00-11:00
Room: Beylerbeyi
Language: English
Chairperson: Christopher Fox
CERP: 2

Background and Overview of Dental Provisions in Minamata Convention
Christopher Fox (United States)

Learning Objectives
Participants will receive an overview of the dental provisions within the Minamata Convention, including the prevention, research, and best management practices mentioned in the proposed treaty.

Abstract
In January 2013, the United Nations Environmental Programme (UNEP) International Negotiating Committee (INC) completed negotiations on an agreement for a global, legally-binding treaty on mercury. The agreement contains provisions for the reduction of dental amalgam including; setting national objectives aiming at dental caries prevention and health promotion, promoting research and development of alternatives, and promoting the use of best environmental practices in dental facilities. The treaty text will be presented for adoption and signature at a diplomatic conference in Minamata, Japan October 9-11, 2013. The dental provisions in the treaty will be reviewed in this presentation as background and to introduce the session on the future of dental materials for direct restoration.
Human Safety of Current Dental Restorative Materials
Gottfried Schmalz (Germany)

Learning Objectives
Participants will learn about:
- The principles behind adverse effects elicited by dental amalgam and alternative restorative materials;
- Examples of local, systemic and allergic reactions after exposure to different dental restorative materials;
- Prevention of such reactions;
- Definitions of safety and risk and the difference between general and individual risks.

Abstract
Virtually all dental materials release substances which may cause adverse reactions. Pulpal reactions may be elicited in deep cavities by amalgam, resinous materials and (when the pulp is exposed) by glass ionomer cements. Allergic reactions have been shown in single cases for amalgam and resinous materials, more frequently (around 2%) for dental personnel in contact with resin monomers. Systemic reactions after exposure to amalgam have been claimed with released mercury being the main cause. However, based on existing evidence national and international governmental and other expert groups could not verify these claims. However, the endocrine disruptor Bisphenol A is released from dental resinous materials, especially from those, which contain Bis-DMA. Exposure estimates are far below currently accepted limit values.

Design Parameters/Specifications for an Ideal Dental Restorative Material
E. Dianne Rekow (United Kingdom)

Learning Objectives
- Considerations in designing innovative dental materials
- Understanding potential barriers in introducing new materials

Abstract
Innovations in material science, both within and outside dentistry, entice us to explore opportunities for creating new direct restorative materials. But articulating a specification for design and evaluation methods is complicated. Challenges exist in not only how the material should be manipulated and perform clinically, but also in understanding and incorporating the skill of the operator placing the restoration, economic considerations, expectations patients have for their investment, cost effectiveness, influences of the health care system and how and for whom restorations are to be placed, and global challenges that limit the types of materials available in different areas of the world.

Airplanes, Asphalt, and Dental Materials: What’s the Connection?
What do we need to make better dental materials?
Timothy Watson (United Kingdom)

Learning Objectives
What are the design constraints of current dental materials?
How could other manufacturing technologies be applied to dental materials research to answer some of these questions?

Abstract
The talk will look at modern engineering and manufacturing techniques, as well as the state of the art in direct placement dental materials to highlight how cross fertilisation of ideas and techniques could open up new classes of materials for dentists to use in their surgeries. The aim would be to produce materials that are simple to use in a worldwide dental setting.
The View from Industry
Safety, Function and Economy -
Key Considerations in the Development of Dental Restoratives
Rainer Guggenberger (Germany)

Learning Objectives
- Safety, function and economy as key parameters of dental materials
- Current status of restorative materials regarding these parameters
- Considerations for future developments
- What are the contributions and needs from manufacturers

Abstract
Safety, function and economy are key elements in all dental materials, regardless whether they have been used for more than 100 years - like Amalgam - or just recently introduced. While it is relatively easy to optimize just one of those parameters, it becomes a real challenge balancing all three of them. Currently available restorative materials - Amalgam, Composites and Glass Ionomers show their strengths and weaknesses in distinctly different areas. Particularly the economic part remains to be challenging, also in the development of new materials beyond the Minamata Convention. To realize economically meaningful solutions a fruitful combination of vision and pragmatism will be needed, as well as broad interaction between manufacturers, universities and regulatory bodies.

Managing Caries in Clinical Practice: The Oral Environment
Hien Ngo (Kuwait)

Time: 09:00-10:00
Room: Emirgan
Language: English
Chairperson: Nil Altay
CERP: 1

Learning Objectives
- Preventive dentistry: Why is it important? From concept to clinical application
- New preventive techniques: pre fissure sealant, proximal sealant
- Restorative techniques: Internal remineralisation, tunnel Preparation, micro-lamination

Abstract
Minimal Intervention is a modern approach to clinical dentistry. It relies on dentists taking the dual role of physician and surgeon. The public is also becoming more aware of that restorative dentistry alone is not enough to ensure good oral health, so it is timely for the profession to look at and consider how new treatment modalities can be incorporated into everyday clinical practice. We will also explore innovations, which have provided dental professionals with a host of new tools to heal and restore carious lesions. When surgical intervention is indicated then the least invasive reparative technique should be utilized. This is the first lecture in a series of two; the second lecture will discuss restorative options.
Tooth Preparation Principles and Impression Materials for Fixed Restorations
Coşkun Yıldız (Turkey)

Time: 09:00-10:00
Room: Üsküdar
Language: Turkish
Chairperson: Zeynep Yeşil Durmuş
CERP: 1

Learning Objectives
This presentation addresses the type of tooth reduction required for full crown restoration. The participants should:
- Understand the role of correct preparation design on the success of a crown restoration.
- Recognize the preparation and impression sequence associated with successful crown restoration.

Abstract
There are certain principles that need to be taken into consideration during tooth preparation on a tooth that has caries, trauma history, and aesthetic or loss of function. The principles of tooth preparation may be divided into three categories; biologic, mechanical and esthetic consideration. Successful tooth preparation and subsequent restoration depend on simultaneous consideration of all these factors. Apart from these factors after tooth preparation, determining the marginal finish line and obtaining the right model, using retraction and impression taking are also very important. Restorations that were derived from models that were obtained from impression taking where the teeth were retracted are successful and have a longer life. In conclusion; the success of a restoration highly depends on tooth preparation principles being followed, the use of retraction and impression techniques.

Endodontic Surgery
Bekir Karabucak (United States)

Time: 10:00-12:30
Room: Emirgan
Language: English
Chairperson: Mahir Günday
CERP: 2.5

Learning Objectives:
Indications of endodontic surgery; Technique of microsurgery; outcome.

Abstract
In case of failure of initial root canal therapy modern endodontics provide clinicians with different treatment options to save the natural tooth from extraction. Due to advancements in the dental materials and surgical techniques surgical micro-endodontics have a higher success rate and a predictable outcome. Although inevitable in certain cases surgical endodontics cannot replace conventional retreatment. The decision-making process on how to choose surgical versus non-surgical retreatment will be described and indications will be illustrated by case examples.
Reasons for Failure of Approximal Restorations and New Matrix Systems
Dilek Tağtekin (Turkey)

Time:  10:00-11:00
Room:  Üsküdar
Language:  Turkish
Chairperson:  Abdülkadir Şengün
CERP:  1

Learning Objectives

Abstract
Increased esthetic demand has raised the use of tooth colored filling materials in posterior tooth. One of the most important problem about using resin composites on posterior teeth is to form a tight proximal contact and an appropriate proximal contour. In this presentation, the importance of matrix bands, wedges and separation is emphasized and contemporary circumferential and sectional matrix systems and their clinical application is investigated.

Treatment Planning for Implant Supported Complete-Arch and Complete-Mouth Rehabilitation.
Gürkan Göktuğ (United States)

Time:  11:30-12:30
Room:  Harbiye
Language:  English
Chairperson:  Gülbahar İşık Özkol
CERP:  2.5

Learning Objectives
- Developing an appropriate treatment plan,
- Evaluating the vertical dimension of occlusion,
- Making inter occlusal records for mounting of definitive and diagnostics casts,
- Fabricating a provisional restoration to evaluate function, speech and aesthetic and serve as a guide for the dental laboratory technician when finalizing the anterior guidance.
- Each step will be illustrated with clinical cases step by step.

Abstract
Once the natural dentition is lost, it becomes challenging to restore function, phonetics and esthetics. Many diagnostic measures are required to develop a biomechanically favorable occlusion. A diagnostic waxing is critical because it permits the determination of the desired implant position and distribution. This waxing also becomes a template for the provisional restoration, which in turn, serves as a blueprint for the establishment of esthetics, phonetics and function in the definitive restorations.
Resin Composites – How Far We Can Go?
Longevity, Indication and Repair
Roland Frankenberger (Germany)

Time: 11:30-12:30
Room: Çamlıca
Language: English
Chairperson: Zeynep Ergücü
CERP: 1

Learning Objectives
Clinically relevant issues about resin composites:
- Longevity, indications and limits, technique sensitivity,
- Operator influence, polymerization, clinical problems, repair
- and refurbishment.

Abstract
Resin-based composites are everywhere in today’s dentistry. Both minimally invasive concepts as well as esthetics make these materials very attractive. On the other hand, there are still enough opinions that amalgam is still superior at least in terms of longevity - but is this really true? This lecture covers clinically relevant issues around resin composite restorations in posterior and anterior teeth with a special focus on technique sensitivity, adhesion, polymerization, and repair.

Altogether, really minimally invasive dentistry covers four columns:
1. Careful excavation,
2. Defect-related preparation,
3. Longevity, and
4. Repairability.
Complete removal of perfectly matching tooth-colored restorations is close to tooth hard tissue assault because collateral damages are barely manageable.

Modern Teaching and Learning Systems and Closing the Gap between Theory and Practice
Amid İsmail (United States)

Time: 11:30-12:30
Room: Beylerbeyi
Language: English
Chairperson: Özen Doğan
CERP: 1

Learning Objectives
- Provide comprehensive and evidence-based dental care.
- Critique the current teaching model used in dental education worldwide.
- Define the characteristics and skills of dentists in a new era that focuses on promoting health and wellness.
- Describe the design of new curricula that are focused on adult learning and prepare critical thinkers, life-long learners, and promoters of health who can competently provide comprehensive and evidence-based dental care.

Abstract
Learning is a process of transformation that takes place over time in a continuous cycle of reflection and analysis. Engagement of learners is key for creating and transferring knowledge. Relevance of the knowledge or skills to the learners is imperative for retention of the knowledge and to closing the gap between theory and practice. Effective learning occurs through individual reflections and explorations that can only occur when a learner obtains feedback from a team working in a challenging yet supportive environment. Effective learning depends on the ability of the teachers and students to manage and analyze uncertainty, and this skill requires learning in real-life settings.

This presentation focuses on the characteristics of educational systems that focus on learning and the integration of theory with practice.
Facts about Precision Attachments in Prosthetic Dentistry, Associated Problems and Solutions
Bülent Uludağ (Turkey)

Learning Objectives
The main learning objective of the presentation will be to provide the attendants with the technical applications of precision attachments. Also, a clinical point of view will be provided including practical solutions to the associated problems of the precision attachments on a case based series.

Abstract
Precision attachments are widely used in prosthetic dentistry. Fabrication of attachment retained hybrid dentures produce superior treatment outcomes providing the clinicians with a high level of prestige and income. It is impossible to know all the precision attachments systems. So, the main point is to decide to choose the proper precision attachment system for the case. Therefore, the clinicians have to accurately understand the indications and technical specifications for the attachment systems to ensure proper fabrication of the hybrid dentures and provide patient comfort.

Wednesday 28 August
Industry Lunch Symposium
12:30-14.00

J&J Symposium
Expert Panel Discussion on Dentine Sensitivity
A New Approach to Managing Dentine Sensitivity
David Pashley (USA) Nairn Wilson (UK)
George Eliadis (Greece) David Winkler (UK)
Fridus Van der Weijden Michael Noack (Germany)
(The Netherlands)

Learning Objectives
The objective of this expert panel discussion is to try and answer some important questions on Dentine Sensitivity and give a unique perspective on this subject, to both the audience attending the symposium in person, and through a live broadcast to those registered for online participation.

Abstract
Dentine sensitivity is a global clinical oral health problem in the adult population. It is defined as “pain arising from exposed dentine in response to stimuli, typically thermal, evaporative, tactile, osmotic or chemical, which cannot be ascribed to any other form of dental defect or pathology” and satisfies all the criteria to be classified as a true pain syndrome.
Even though considerable research effort has been invested on understanding the processes leading to Dentine Sensitivity and on developing effective treatments to alleviate and prevent this painful condition, there are many unanswered questions: why is it so widely prevalent? Why is it under-diagnosed? What is the best way to manage it?
Our panel of experts in the areas of periodontology, dental public health, general dentistry, preventive dentistry and dental biomaterials, will answer questions based on their own unique expertise within their chosen field of dentistry.
Wednesday 28 August
Mid-day sessions 12:45-13.45

Meet-the-Expert
Critical Evaluation of Biological and Other Aspects of New and Traditional Filling Materials
Georg B Meyer (Germany)

Time: 12:45-13:45
Room: B325
Language: English
CERP: 1

Meet-the-Expert
Management of the Difficulties and Complications of Sinus Grafting
Predictable Sinus Augmentation
Istvan Urban (Hungary)

Time: 12:45-13:45
Room: B326
Language: English
CERP: 1

Wednesday 28 August
Afternoon sessions 14:00-16.30

Panel discussion - Trauma
Ayşe Nil Altay (Turkey)
Zeynep Ergücü (Turkey)
Mehmet Manisali (United Kingdom)
Martin Trope (United States)

Time: 14:00-16:30
Room: Çamlıca
Language: English
Chairperson: Gamze Aren
CERP: 2.5

Emergency Dental Trauma Treatment in Primary and Mixed Dentition
Ayşe Nil Altay (Turkey)

Abstract
Dental trauma is frequently seen in primary and mixed dentition. Dentists must be aware of emergency injuries and their treatment options. Treatment options differ according to the age, injury type and referral time to dentist. Emergency treatment options will be discussed with case presentations and on different clinical scenarios.
Esthetic Treatment Modalities for Crown Fractures of Traumatic Origin
Restoration of Crown Fractures
Zeynep Ergücü (Turkey)

Learning Objectives
- To classify the types of crown fractures,
- To identify the etiology and diagnosis of crown fractures,
- To review the treatment options for enamel-dentin fractures

Abstract
Traumatic dental injuries cause damage ranging from minimal enamel loss to complex fractures involving pulp tissue. Crown fractures account for the majority of dental trauma in the permanent dentition (26-76% of dental injuries). It is of great importance to make an accurate diagnosis and treatment plan at two separate levels: the pulp level and the restoration level. At the restoration level, the very rapid growing information about new adhesive systems and resin composites must be followed. This lecture reviews the diagnoses and treatment modalities of enamel infractions, enamel fractures, enamel-dentin fractures without pulpal involvement in the light of the developments in esthetic anterior resin composite materials and techniques.

An Overview of Controversial Aspects of Maxillofacial Injuries
Mehmet Manisalı (United Kingdom)

Abstract
Maxillofacial injuries can be severe and are associated with mortality and significant morbidity. Within the context of treating dental injuries it is important to understand the full spectrum of potential cranio-maxillofacial injuries and their recognition. The most controversial aspects of maxillofacial injuries are:
- Frontal
- Orbital
- Naso orbito ethmoid fractures
- Fractures of the mandible involving the condyle and the thin atrophic mandible

Root Resorption - Basic Concepts and Treatment Strategies
Martin Trope (United States)

Learning Objectives
- Understand the mechanisms of root protection against root resorption
- Understand the requirements for root resorption to occur
- Understand treatment strategies that maximize favorable and minimize unfavorable root resorption

Abstract
Pre-cementum and pre-dentin are the tissues that protect a permanent tooth against resorption. In order for resorption to occur there must be 1. Damage to one of these protective layers and 2. An inflammatory response that stimulates the osteoclastic resorption of the root and surrounding bone. When the inflammation is in the active stage it is destructive in nature and is radiolucent AND IS REVERSIBLE. The active resorption could continue or healing takes place. Healing is either favorable with new protective cementum or unfavorable when the bone attaches directly to the root with eventual loss of the root. This talk will cover basic concept of root resorption and modern strategies to maximize favorable healing.
Analysis of Biological Fluids as an Aid in the Diagnosis and Management of Oral Diseases
Ira Lamster (United States)

Time: 14:00-15:00
Room: Beylerbeyi
Language: English
Chairperson: İsmet Duran
CERP: 1

Learning Objectives
- Understand the principles of molecular diagnosis of disease.
- Be familiar with strategies employed when developing molecular tests for oral/dental disease.
- Recognize the advantages and disadvantages of using saliva and gingival fluid for diagnosis of oral/dental diseases.
- Be familiar with the mediators in saliva and gingival fluid that have been proposed as diagnostic tests for periodontal disease.

Abstract
The diagnosis of oral/dental disease is traditionally based on clinical and radiographic findings. However, other healthcare disciplines rely upon an understanding of the pathophysiology of disease for molecular diagnosis, which identifies pathology when molecular changes have occurred, but before clinical manifestations appear. For diseases in the oral cavity, saliva and gingival crevicular fluid (GF) are local biological fluids that hold particular promise. In the oral cavity, investigators have studied the diagnostic potential of these fluids for periodontal disease, dental caries and oral squamous cell carcinoma. This presentation will focus on the diagnostic potential of saliva and GF analysis for periodontal disease. Mediators reflective of the host response, and tissue perturbation, will be examined. Technological advances will be highlighted.

Acid Attack!
The role of Acids in Toothwear
David Bartlett (United Kingdom)

Time: 14:00-15:00
Room: Emirgan
Language: English
Chairperson: Gürkan Gür
CERP: 1

Learning Objectives
- To review and appraise the clinical manifestations of abrasion, attrition and erosion
- To review the inter-relationship of acid with attrition and abrasion
- To assess how to prevent acidic tooth wear - in particular the control of the diet, use of fluoride and monitoring progression.

Abstract
The lecture will describe the clinical manifestations of erosion, attrition and abrasion and explain how the aetiologies attack enamel and dentine. Tooth wear is a common clinical finding and dentists are increasingly worried by its management. The BEWE is a clinical tool designed to record wear in general practice. The implications of erosive tooth wear will be examined particularly in relation to the diet and how it inter-relates with progression. The role of prevention, particularly fluoride should provide evidence the effects of the modern diet and be controlled. Finally, the lecture will explain that once prevention is provided how this might impact upon progression.
Porcelain Lamina Restorations: True Indications
Galip Gürel (Turkey)

Time: 14:00-15:00
Room: Üsküdar
Language: Turkish
Chairperson: Esra Yıldız
CERP: 1

Learning Objectives
- Interdisciplinary Aesthetic Treatment Planning,
- When to use Restorative Tools or Orthodontics or Perio or a combination of these three,
- Minimal Invasive Tooth Preparation Techniques,
- Maximum and predictable communication between specialists.

Abstract
It has always been a challenge to create a smile design that the final result would be precisely predicted from day one. In some cases the dentists do built this design by themselves directly in the patients mouth, however some leave it to the ceramist that they work with. However, more importantly, this smile design should also match with the patient’s functional, biological and emotional needs.
And it becomes even more challenging if the team does not physically work together in the same place.
Today, it shouldn’t be a problem whether the ceramist you work with is close to your clinic or not, the digital communication makes everyone work as a synergistic team.

Craniomandibular Function and Dysfunction Related to Other Medical Disciplines - Consequences for Dental Diagnostics and Occlusal Therapy
Georg B Meyer (Germany)

Time: 15:30-16:30
Room: Beylerbeyi
Language: English
Chairperson: Serdar Toroğlu
CERP: 1

Learning Objectives
The participant will be informed about physiological and pathological aspects of biomechanical and neuromuscular function in the stomatognathic system and interfaces to other medical disciplines.

Abstract
Craniofacial pain is a most common disorder affecting the general population. As the reasons for acute and chronic craniofacial pain can be extremely diverse, diagnostic and therapy require an interdisciplinary approach. From the dental and maxillofacial standpoint craniomandibular dysfunction (CMD) must be taken into consideration in treating such patients. Dental risk factors for CMD are mainly occlusal interferences which can be intensified in combination with psycho-emotional stress.
Current research as for example the Study of Health in Pomerania (SHIP) shows high evidence between CMD and tension headache, migraine, neuralgic pain, TMJ problems and tinnitus as well as relations to cervical vertebrae- and back ache. Therefore the dental profession has a big responsibility within an interdisciplinary medical approach to these diseases.
Can We Prevent Complications in Implants?
Hani A. Salam (UAE)

Time: 15:30-16:30
Room: Emirgan
Language: English
Chairperson: Alper Alkan
CERP: 1

Learning Objectives
- To prevent complications
- To recognize complications
- To manage complications

Abstract
Dental implants have revolutionized dental treatment of partially and fully edentulous patients. Despite the overall high survivability of dental implants, their complications are on the rise. These complications may occur at both the surgical and/or prosthetic levels. The increase of the number of elderly patients in addition to those with systemic disease adds to the complexity of such complications. A general overview of the different complications, in addition to their prevention and management would be presented.

Interactive Case Discussion 1
Nejat Erverdi (Turkey)
Murat Aydin (Turkey)

Time: 15:30-16:30
Room: Üsküdar
Language: Turkish
Chairperson: Tülin Arun
CERP: 1

A Novel Method for the Treatment of Cleft Palate Case: Distraction Osteogenesis
Vector Control for Distraction
Nejat Erverdi (Turkey)

Learning Objectives
Alveolar distraction osteogenesis for the treatment of cleft palate problem will be explained.

Abstract
Distraction osteogenesis is a well known clinical procedure in medicine and dentistry. Bone elongation is easily achieved and another advantage is to obtain soft tissue coverage at the same time together with the elongating bone. Distraction osteogenesis is used in orthodontics for the treatment of some orthopedic abnormalities and congenital malformations. Cleft lip and palate problem is a serious congenital situation and the prevalence is one in every one thousand birth. Cleft lip and palate treatment requires a team approach and the treatment is done in preoperative and postoperative periods. Postoperative cleft lip and palate treatment aims to correct the malocclusion which is present.
Comparison of Metal-Free Ceramic Restorations in Terms of Indication, Clinical and Laboratory Procedures
All-Ceramic Selection in Different Indications
Murat Aydin (Turkey)

Learning Objectives
In this presentation, a clinical case involving different indications will be presented to illustrate the use of different ceramic materials and combinations of materials. The case will be described including all stages of the restorative procedures, from treatment planning with an analytic wax-up to the selection of appropriate materials, tooth preparation and cementation.

Abstract
In modern restorative dentistry, the usage of metal-free ceramic restorations is increasing therefore the establishment of clinical and technical selection criteria is necessary. The esthetic and clinical success of metal-free ceramic restorations depends on correct indications, and in some cases multidisciplinary approach is also needed.
For predictable usage of different methods and materials, dentists and the technicians have to know about both the esthetic and mechanical properties of all-ceramic restorative procedures and they also must know that there are different systems for different clinical situations. There is not one single system for all clinical situations.
In this presentation various methods and materials of metal-free ceramic restorations will be compared for predictability of results, esthetics, and material strength for clinical longevity.
### Thursday 29 August 2013 - Thursday (Day 2)

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<th>Time / Halls</th>
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<th>Üsküdar Translated English/Turkish</th>
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<th>Halls B315-B326 Early Morning and Meet-the-Experts English</th>
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<td>07:45-08:45</td>
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<td>08:45-09:00</td>
<td>Ormeration Options for Indirect Restoration Materials Sibel Antonson</td>
<td>Modern Caries Diagnosis Adnan Sari</td>
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<td>10:00-11:00</td>
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<td>11:30-12:30</td>
<td>Diagnostic of Periodontitis and Association to Periodontal Disease Merlin Store</td>
<td>Evidence Based Laser Dentistry in Selective Caries Removal and Hard Tissue Preparation Noisel Suchart</td>
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<td>13:45-14:00</td>
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<td>14:00-15:00</td>
<td>Repairing Soft Tissue Complications in the Aesthetic Zone Mehmet Sigman</td>
<td>FDI Science Committee Session Oral and General Health: Scientific Evidence and Implementation in General Practice Oenon Mekakos, Harry Santopietro, Bill McCambridge</td>
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<td>15:00-15:30</td>
<td>FDI Science Committee Session Oral and General Health: Scientific Evidence and Implementation in General Practice Oenon Mekakos, Harry Santopietro, Bill McCambridge</td>
<td>Joint FDI PHC-MHS Forum Stop Caries in the primary dentition – Community effective measures</td>
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29 August 2013 - Thursday (Day 2)
Thursday 29 August

Early morning sessions 07:45-08:45

Early morning seminar
Staff: The heart of your practice
Management Staff in Practice
William Cheung (China)

Time: 07:45-8:45
Room: B325
Language: English
CERP: 1

Early morning seminar
Laser Dentistry
Indications of Different Laser Wavelength in Dentistry
Norbert Gutknecht (Germany)

Time: 07:45-8:45
Room: B326
Language: English
CERP: 1

Thursday 29 August

Morning sessions 09:00-12:30

World Oral Health Forum
How Might the Minamata Convention Change Dentistry?
Poul-Erik Petersen (Switzerland) – WHO, Oral Health Programme
David Piper (Switzerland) – UNEP, United Nations Environment Programme
Stuart Johnson (UK) – FDI Dental Practice Committee / Dental Amalgam Task Team
Gottfried Schmalz (Germany) – IADR, International Association for Dental Research
Marc Sussman (USA) – DRNA, Dental Recycling North America
Pam Clark (Australia) – IDM, International Dental Manufacturers

Time: 9:00-11:00
Room: Beyazıt
Language: English*
Chairperson: David Williams (UK)
* Simultaneous interpretation in French, Spanish, German and Turkish

Abstract
The recently agreed Minamata Convention on mercury challenged the profession in many countries, introducing the concepts of sustainable development, environmental responsibility, green dentistry and product life-cycle. The treaty makes provision for a regular review of the phase down approach. This review process will require the profession to collect data and information, not only on amalgam, but on prevention, research for new materials and transition towards alternative filling materials. Alternative materials are also facing new challenges from the regulatory authorities (endocrine disruptors, nanoparticles). How can FDI facilitate the implementation of the UNEP treaty? How can we pro-actively and successfully implement the UNEP treaty? How should we address the future challenges?
The FDI/UNEP/WHO/IDM project in Eastern Africa will be presented as a show case along with an FDI document on phase down implementation.
This session will complement the IADR symposium on “Restorative materials, London 2012 workshop”
Women Dentist Worldwide Forum
Survey of Dependence
Multiple Perspectives Related to Different Dependence
Mine Öztürk (Turkey)
Rena Aliyeva (Azerbaijan)
Kathleen Roth (USA)
Vesna Barac-Furtinger (Croatia)
Theresa S. Gonzales (USA)
Patricia Blanton (USA)
Nanae Kuraji (Japan)
Pam Clark (Australia)
Astrid Bühren (Germany)
Miljana Petrović Punoševac (Serbia)
Mirjana Duspara (Bosna and Herzegovina)
Soukèye Dia Tine (Senegal)
Alphonsine Mukandoli (Rwanda)
Kim, Kyoung-sun (Republic of Korea)

Time: 9:00 - 17:00
Room: Maçka
Language: English
Chairperson: Brita Petersen, Germany

Dental Problems Based on Substance Use
Mine Öztürk (Turkey)

Female Dentists in Former Eastern Countries
Renna Alyeva (Azerbaijan)

Female Dentists in the USA
Kathleen Roth (USA)

Female Dentists in Europe
Vesna Barac-Furtinger (Croatia)

The Pathophysiology of Dependence and its Effects on Female Cohorts
Theresa S. Gonzales (USA)

Understanding Dependence - The Neuroanaomy and Neurochemistry of Dependence
Patricia Blanton (USA)

Sugar Addiction and Rampant Caries
Nanae Kuraji (Japan)

Effect on Business, Self Test
Pam Clark (Australia)

Eating Disorders and Somatic Symptoms
Astrid Bühren (Germany)

How against Dependence when Alcohol And Tabacco are socially Acceptable Behaviour?
Vesna Barac Furtinger, (Croatia), Miljana Petrović Punoševac, Serbia, Mirjana Duspara (Bosna and Herzegovina)

Drugs (Cannabis, Amphetamine, Modern Party Drugs)
Soukèye Dia Tine (Senegal)

Work Mania, Compulsive, Pathological Gambling
Alphonsine Mukandoli (Rwanda)

Nicotin- No Smoking Campaign of Dentist
KIM, Kyoung-sun (Republic of Korea)
Cementation Options for Indirect Restorative Materials
Sibel Antonson (USA)

Time: 9:00-10:00
Room: Harbiye
Language: English
Chairperson: Hande Şar Sancaklı
CERP: 1

Learning Objectives
To understand
- The fundamentals of cementation and expected essential functions,
- Basic requirements for all-ceramic cement selection,
- Clinical tips for ultimate success with various restorative materials, such as zirconia and lithium disilica.

Abstract
This presentation will review the decision-making criteria in selecting luting agents based on restorative materials and preparation designs. Current materials and techniques for cementation of contemporary all-ceramic restorations will be reviewed. Additionally, clinical conditions that lead to success and failures of the restorations will be outlined.

Medically Complex Patients – Clinical Protocols
Michael Glick (USA)

Time: 9:00-11:00
Room: Çamlıca
Language: English
Chairperson: Tancan Uysal
CERP: 2

Learning Objectives
Participants in this course will learn:
- How the obtained health information impacts on routine dental care
- How to interpret information that may indicate underlying medical problems
- How to alter routine dental care according to patient’s medical condition
- How to apply protocols that are used to provide safe and appropriate care for the medically complex dental patient

Abstract
Dentists play an important role as primary healthcare workers. They need to screen and monitor patients for underlying medical conditions, and are required to render dental care to an array of medically complex patients. Pertinent medical assessment of patients has become an essential part of dentistry, as even the most common medical problems may require modifications to routine dental care. Providing oral healthcare for medically complex patients in today’s rapidly changing medical environment is a daunting responsibility. This course will simplify this task by explaining and providing clinical protocols for dental care of patients with complex medical conditions.
**Dentine Hypersensitivity, Hyposalivation & Consequences**
Andrej Kielbassa (Austria)

**Time:** 09:00-11:00  
**Room:** Beylerbeyi  
**Language:** English  
**Chairperson:** Uğur Erdemir  
**CERP:** 2

**Learning Objectives**
Definition of dentine sensitivity (DS), prevalence, aetiology, mechanism(s), diagnosis, treatment, prevention.

**Abstract**
It is generally accepted that dentine hypersensitivity is among the most common painful conditions affecting oral comfort and function. This review defines dentine sensitivity (DS), its prevalence, its aetiology, the mechanism(s), its diagnosis and its treatment. The review then examines the modes of action of various treatments for DS including potassium salts, strontium salts, bioglasses, arginine/calcium carbonate and professional treatments such as adhesives, fluorides, and oxalates. The methods used to evaluate the various treatment modalities are discussed, including randomised controlled clinical trials. With regard to the aetiology, dentine hypersensitivity represents a symptom of multi-factorial pathology consisting mainly of abfractive, abrasive, and/or erosive components. Primary treatment strategies should undoubtedly aim at eliminating these pre-disposing factors, thus preventing recurrence of the condition.

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**Forum on Preventive Dentistry - Problems and Solutions - A Regional Perspective of Neighboring Countries Platform**

Tarek Abbas (Egypt)  
Rena Aliyeva (Azerbaijan)  
Elie Azar El Maalouf (Lebanon)  
Maida Ganibegovic Selimovic (Bosnia and Herzegovina)  
Dorjan Hysi (Albania)  
Vladimer Margvelashvilli (Georgia)  
Nikolai Sharkov (Bulgaria)  
Ilshat Yuldashev (Kyrgyzstan)

**Time:** 9:00-11:00  
**Room:** Emirgan  
**Language:** English  
**Chairperson:** Sebastian Ziller & Duygu Ilhan  
**CERP:** 2

**Oral Health Policies and Preventive Dentistry in Egypt**
Tarek Abbas (Egypt)

**Program for Prevention of Dental Diseases in School Children in Azerbaijan.**
Rena Aliyeva (Azerbaijan)

**Effect of Periodontal Disease in Overall Health**
Elie Azar El Maalouf (Lebanon)

**Oral Health Prevention in Bosnia and Herzegovina**
Maida Ganibegovic Selimovic (Bosnia and Herzegovina)

**Preventive Dentistry in Albania**
Dorjan Hysi (Albania)

**Oral Health Status and the Challenges of Preventive Measures in the Country of Georgia**
Vladimer Margvelashvilli (Georgia)

**National Oral Health Prevention Program in Bulgaria - Situational Analysis, Structure, Realization and Challenges**
Nikolai Sharkov (Bulgaria)

**Experience of Kyrgyzstan in National Prophylactic Programme on Reforming of Public Health System**
Ilshat Yuldashev (Kyrgyzstan)
Panel Discussion - Current Clinical Topics in Oral Implantology for Dental Practice
Selim Pamuk (Turkey)
Cüneyt Karabuda (Turkey)
Selim Ersanlı (Turkey)
Ata Anıl (Turkey)
Volkan Arısan (Turkey)

*Turkish Academy of Aesthetic Dentistry and Turkish Society of Oral Implantology*

**Time:**  9:00-11:00  
**Room:** Üsküdar  
**Language:** Turkish  
**Chairperson:** Serdar Yalçın  
**CERP:** 2

I Will Never Do a Prosthesis Like this Again
Learning from our Mistakes
Selim Pamuk (Turkey)

**Learning Objectives**
Participants will be able to decide on implant placement timing as well as when to augment implant site, evaluate different parameter in anterior esthetic.

**Abstract**
Replacing single anterior tooth with an implant requires meeting a number of challenges including biologic, functional and esthetic. Proper diagnosis, thorough evaluation and a comprehensive treatment plan are fundamental in these cases. This presentation will discuss factors leading to success or failure.

Advanced Surgery in Dental Practice
Autogenous Bone Grafting
Cüneyt Karabuda (Turkey)

**Learning Objectives**
Grafting materials, grafting techniques, alternative methods of autogenous bone grafting.

**Abstract**
Thin alveolar ridges prevent dental implant placement. A variety of autogenous bone blocks, xenografts, block allografts, alone or in different combinations have been used to provide sufficient ridge width for proper positioning of endosseous implants. Harvesting bone blocks from iliac crest is a successful and well defined method in oral implantology, but these grafts require a second surgical site, which adds morbidity to the procedure. Patients complain about discomfort from harvest site. The ideal procedure would be simple to perform, involve no secondary sites for bone harvesting and allow the patient to return to daily activities the day after graft placement. The use of block allografts eliminates the need for second surgical harvest site.

Soft Tissue Contouring Around Implants
Selim Ersanlı (Turkey)

**Learning Objectives**
Oral implantology is to aesthetical soft tissue contours around dental implants.

**Abstract**
The optimal aim in today's oral implantology is to provide aesthetical soft tissue contours around dental implants imitating healthy soft tissue contours around natural teeth. In order to obtain healthy peri-implanter soft tissue; it is important to have enough hard tissue support and right implant positions. Studies show that the soft tissue loss is mostly seen around the crowns supported with implants in the first three months. So that it is better to choose the permanent abutments after the use of temporary abutments and temporary crowns for these three months. Use of implant supported temporary crowns after the second phase operations and healing of the soft tissues; is an important method in order to obtain peri-implant soft tissue contours and profiles.

I Will Never Do an Implant Like this Again
Ata Anıl (Turkey)

**Learning Objectives**
Presentation and interactive education with participations.

**Abstract**
Sometimes we can’t see the end of the treatment and we can start to fight with windmill.
Guided Implant Surgery and Techniques
Improving the Outcome of Implant Therapy via Computer-Assisted Planning & Surgery
Volkan Arısan (Turkey)

Learning Objectives
- Become familiar with the basic features of the planning software
- Develop a strategic approach to prosthesis-driven implant placement
- Prediction of primary implant stability
- Integrate this information for flapless surgery and immediate loading

Abstract
This presentation will illustrate the implementation of the tomography-derived, template-guided planning and surgery in clinical implant dentistry. Computer-assisted surgery is a modality of CAD/CAM that has been available for many years and has long promised significant advantages over the conventional, freehand approach to implant surgical and prosthetic planning. Many complications may be avoided simply by adopting a scan prosthesis in the treatment sequence. Proper interpretation of the gray-density values may facilitate in deciding to initiate the loading of implants immediately. The advantages and limitations will be reviewed within the context of the presenter’s scientific experience. This understanding will allow participants to better select technological instruments and adapt them to their specific niche within guided implant surgery.

Modern Caries Diagnosis
Adrian Lussi (Switzerland)

Time: 10:00-11:00
Room: Harbiye
Language: English
Chairperson: Hande Şar Sancaklı
CERP: 1

Learning Objectives
To learn more about modern caries diagnosis.

Abstract
The aim of modern dentistry must be a preventive approach rather than invasive repair of the disease. This is only possible if the remaining structural organisation of the attacked tissue will still allow ‘restitutio ad integrum’ providing early diagnosis. Some of today’s diagnostic tools and methods are not sensitive enough to detect this early onset of carious destruction. Therefore, oftentimes remineralisation or stabilisation is not possible any more at the time of detection and restoration is inevitable. This, in turn, is the start of the vicious cycle of restorative therapy due to the limited life expectancy of all restorative materials. The purpose of this contribution is to compare today’s diagnostic methods with some newer approaches.
Diagnosis of Periimplantitis and Association to Periodontal Disease
Nikolaos Donos (United Kingdom)

Time:  11:30-12:30
Room:  Harbiye
Language:  English
Chairperson:  Ata Anıl
CERP:  1

Learning Objectives
- To be able to diagnose clinical signs of peri-implantitis
- To learn about the risks factors in relation to periimplantitis

Abstract
The use of implants for the replacement of the missing teeth in patients treated for periodontal disease is a subject that frequently leads to discussions related to the association between previous presence of periodontal disease and increased implant loss. In the present lecture, the current literature on the risks involved in the use of implants in the patients that have been previously treated for periodontal disease and the increased susceptibility that this type of patients might present for peri-implantitis will be discussed. Furthermore, recommendations for clinical practice and future research studies based on an evidence based approach will be made.

Evidence Based Laser Dentistry in Selective Caries Removal and Hard Tissue Preparation
Norbert Gutknecht (Germany)

Time:  11:30-12:30
Room:  Çamlıca
Language:  English
Chairperson:  Sevil Gürgan
CERP:  1

Learning Objectives
- To understand the interaction of lasers on dental hard tissue
- To know why we can remove caries selectively by laser alone
- To learn what kind of wavelength are the best for this indication
- To understand why we have no thermal side effects
- Why we can prepare a retentive surface

Abstract
First lasers used for cavity preparation in 1965 failed but after trying an Er:YAG Laser combined with water spray first cavities have been drilled without any thermal damages and pulpal side effects. In 1997 an Er,Cr:YSGG laser showed an acceptable preparation speed for hard-tissue to be compared with a classical high speed drill. The advantages are a selective caries removal and a less painful up to pain free cavity preparation. The patient is not confronted with the annoying sound and the vibrations of a high-speed drill. This makes laser technology superior especially in the treatment of children and anxious patients. A combination of Erbium lasers with the latest composite filling material will be the first choice for an innovative dentist.
New Century Preventive Practice
William Cheung (China)

Time: 11:30-12:30
Room: Beylerbeyi
Language: English
Chairperson: Gürcan Eskitaşçıoğlu
CERP: 1

Learning Objectives
Participants will learn the following through this presentation:
- What are we preventing in oral diseases?
- CAMBRA and caries management
- PEMBRA and periodontal disease management
- Prevention and screening for oral cancer
- Teamwork in prevention
- How prevention benefits both the patient and the dentist

Abstract
Dr. Cheung will discuss the current prevention philosophy and how to incorporate such philosophy in a general dental practice. He will also discuss how a preventive-oriented practice will benefit both the patients and the practice. Since prevention of oral disease is a team effort, various members of the team and their role in prevention will be presented.

Successful National Prevention Models: The German Experience
Sebastian Ziller (Germany)

Time: 11:30-12:30
Room: Emirgan
Language: English
Chairperson: Uğur Ergin
CERP: 1

Learning Objectives
This presentation will give an overview of dental prevention programmes from “population based” approaches to the “individual level” in Germany. It highlights who is organizing the programmes? What works well and what does not? An important aspect will involve “learning from each other” exchanging information amongst colleagues from different countries on best-practices, improvements and challenges in the field of Oral Prevention.

Abstract
Lifelong healthy teeth are no longer utopian. In Germany, prevention measures of oral diseases are organized at three levels:
- Population-based,
- Collective/group prevention,
- Individual prevention.

The individuals learn to be personally responsible for their own oral health. Thus, there are statutory provisions which regulate the organisation of oral prevention for children.

The effort made in prevention in children (12-year olds) is a success story with caries reduction of 80% over the last 30 years and one of the lowest figures reported worldwide. Fluoridation measures and preventive fissure sealing have contributed greatly to the overall caries reduction.

However Early Childhood Caries is still prevalent and we still observe deficits in the provision of prevention measures for patients with special needs.

For both, the German Dental Authorities have developed prevention programmes during the last three years. The main issues will be presented.
Success of Epitheses Used to Restore Maxillofacial Defects
Cemal Aydin (Turkey)

Learning Objectives
The impact of maxillofacial defects on patients, treatment alternatives for maxillofacial defects, patient selection for maxillofacial reconstruction, advantages and shortcomings of epitheses, clinical and patient based outcomes of epitheses.

Abstract
Maxillofacial defects are resulted from tumor surgery, trauma, or congenital abnormalities. These defects can be repaired with surgical techniques or prostheses. Surgical reconstruction has advantages however may be limited by age, medical condition, residual tissue, need to monitor recurrence, radiation therapy, or patient preference. In these situations, epitheses which provides highly satisfactory esthetic results becomes preferred treatment. The effectiveness of epitheses has been improved with the use of implants for retention. However epitheses which has a time-consuming, labor-intensive, costly production process has limited lifespan. Patients who would undergo maxillofacial prosthetic treatment should be informed about periodic replacement of epitheses. Despite a lifetime maintenance requirement, epitheses represents an acceptable treatment option for patients with facial defects by providing significant psychosocial benefit.

Treatment Approaches of Odontogenic Cysts Localized in Maxillary Sinus
Hasan Garip (Turkey)

Multidisciplinary treatment approaches for odontogenic cysts localized in the maxilla and important key components in the long-term success and quality of treatment

Learning Objectives
The aim of this lecture is to shed light on treatment approaches for odontogenic cysts localized in the maxilla.

Abstract
Cysts of the maxillary sinus are detected mainly as incidental findings on radiographs. Water’s view, panoramic radiography and plain skull radiography are simple and inexpensive methods that can be used in daily practice. The shape and extent of the cysts can vary widely, and the position of ectopic teeth may be found very close to the eye; in such situations, conventional radiographs may not be sufficient for determining the dimension and relationship with anatomical structures. Therefore, computed tomography (CT) should be employed, and patient observation should be initiated using a multidisciplinary team that includes specialists from radiology, dentistry and surgery. Generally, treatment includes enucleation of the cyst and/or surgical excision, including endoscopic observation in some cases.
Thursday 29 August

Industry Lunch Symposia
12:30-14.00

Colgate Symposium
Can We Change What We Do about Caries?
Evidenced Based Approaches for the
Prevention and Control of Early Caries
Nigel Pitts (UK)
Robert Burne (USA)
Roger Ellwood (USA)

Time: 12:30-14:15
Room: Beyazıt
Language: English

Learning Objectives
- Update on caries as a public health issue and caries as a continuum.
- Review the etiology and ecological environment created by plaque biofilm.
- Share evidenced-based strategies and contemporary therapeutic approaches for the prevention and management of early caries in the dental practice or dental clinic setting.

Abstract
Caries is a preventable disease, yet multi-factorial and complex in its etiology. Today, caries is an increasingly prevalent growing problem globally despite the wide use of fluoride and other preventive technologies to help manage and control the disease. It is important for today’s clinical practitioners to understand effective and contemporary approaches to prevent and manage early caries, which studies suggest is preventable and reversible. This symposium will review caries as a public health challenge and a disease continuum, provide an in-depth review of the etiology and microbiology related to plaque biofilm, and define evidenced based technological tools that can be used in the dental office for optimum patient care.

Caries Classification, Risk Assessment, and Practical Management in Dental Practice and Dental Education Worldwide using ICCMS™
Update on implementing the management of caries (including early caries) using ICDAS and the International Caries Classification and Management System (ICCMS™)
Nigel Pitts (UK)

Learning Objectives
Update on: caries as a public health issue, the evidence for caries as a continuum; the evolution of Systems for caries classification, risk assessment, diagnosis and practical management of caries (including early caries) in the dental practice and dental education worldwide using ICCMS™; and the role of the Global Collaboratory for Caries Management at King’s College London in implementing change.

Abstract
This presentation will provide an update on caries as a continuing burden and a public health issue, it will present the traditional and updated evidence for viewing caries as a “continuum” of stages; summarise the evolution of key Systems for caries classification, risk assessment, diagnosis and the practical management of caries (including the early stages of caries) in both the dental practice and dental education worlds using ICCMS™; and explain the role of the Global Collaboratory for Caries Management at King’s College London in implementing change and the adoption of the ICCMS™ methodology worldwide. The presentation will also explain how these concepts fit with the FDI Policy statement on Caries Classification and Management and the FDI Caries Matrix.

Oral Biofilm Ecology and Dental Caries
Robert Burne (USA)

Learning Objectives
Review the etiology and ecological environment created by plaque biofilm, specifically examining the role that plaque biofilm plays in maintaining ph homeostasis and influencing caries status, sharing innovative strategies for caries management to ultimately improve overall oral health.

Abstract
Advances in high-throughput DNA sequencing technologies have provided the oral health research community with unprecedented details of the composition of the oral microbiota. When distilled, these huge datasets reveal complex, but not always consistent, changes in the proportions of certain bacteria as disease develops. These compositional shifts occur in response to environmental forces imposed by the host and its diet, but they are driven mostly by the biochemical activities of the microbial communities. In the case of dental caries, metabolism of carbohydrates to acids creates a selective pressure that increases the proportions of organisms that are strongly acid tolerant, like Streptococcus mutans. Concurrently, organisms that have been associated with dental health often become less abundant. Thus, the development of dental caries is associated not only with the emergence of caries pathogens, but with a diminution in the capacity of beneficial bacteria to “protect” the tooth. This presentation will highlight some of the “simple yet elegant”, along with the more sophisticated, strategies employed by beneficial and pathogenic bacteria to compete for dominance in the biofilms on human tooth surfaces. Future possibilities of combating caries based on our understanding of this infectious disease as an ecological imbalance will be discussed.

**Therapeutic Management of Dental Caries**

**Roger Ellwood**

**Learning Objectives**
Share evidenced-based strategies and contemporary therapeutic approaches for the prevention and management of early caries in the dental practice or dental clinic setting.

**Abstract**
Based on the previous two presentations, modern concepts of the etiology of dental caries will be explored to aid our understanding of evidenced-based strategies and contemporary therapeutic approaches for the prevention and management of dental caries. Modern methods of detecting and assessing dental caries will be reviewed. Based on our new understandings of the importance of the oral biofilm the role of Fluoride and other novel therapeutic agents will be highlighted with a view to maximizing the prevention and treatment of dental caries, both in the dental office and at home. Opportunities for caries prevention and treatment to address caries at a global level will be highlighted.

**GSK Symposium**

**Filling the gap**

**Hints and Tips for the Successful Replacement of Missing Teeth**

*Atilla Sertgöz (Turkey)*

*Kirstie Speck (UK)*

*David Bartlett (UK)*

**Time:** 12:30-14:00
**Room:** Çamlıca
**Language:** English
**Chairperson:** David Bartlett (UK)

**Learning Objectives**
To understand the implications of changing demographics on your patient’s dentition and behaviour,

**Key factors for the successful replacement of missing teeth.**

**Abstract**
Throughout the world there is a demographic revolution underway. This, along with an increase in the prevalence of chronic and oral diseases represents new challenges to your practice. This symposium will look at the changing demographic trends and the role that dental professionals can play in supporting the patient. The session will also provide insightful hands-on tips for successful implant placement as well as managing your bridge and denture patient.

**Hints and Tips for Successful Implants in Practice**

*Atilla Sertgöz (Turkey)*

**Learning Objectives**
Key factors for the successful replacement of missing teeth with implants

**Abstract**
This lecture will look at the practical aspects of replacing missing teeth using fixed prosthodontics, with focus on success with implants in practice. Using his personal experience, he will give a hands-on, clinical evaluation and personal tips on the best way to work with implants and bridges and ensure long term success for the patient.
Demographic Trends
Kirstie Speck (UK)

Learning Objectives
- Changing demographics: ageing population
- Changing patient expectations in ageing group and challenges to overall health

Abstract
A demographic revolution is underway with the proportion of older people growing faster than any other age group. This is resulting in a rapidly expanding number of older patients that are potentially in need of replacement of missing teeth. This lecture will explore changing expectations of these patients and the emotional impact of loosing teeth as well as challenges this will pose to your practice.

Options for Replacing Missing Teeth
David Bartlett (UK)

Learning Objectives
- Implications for use of denture options
- Quality of life issues of denture wearers patients
- Specialist care routine importance for denture wearers

Abstract
There are various reasons why fixed prosthodontics may not be suitable for all patients. This presentation will explore the option of dentures, both complete and partial, to replace missing teeth. It will specifically look at the challenges that dentures pose for patients and your role in managing these patients. It will also touch on issues with regards to quality of life, including patient expectations and realities even with a well-fitting denture which you as a dental healthcare professional usually rarely see or hear.
Thursday 29 August

Afternoon sessions 14:00-16:30

Repairing Soft Tissue Complications in the Aesthetic Zone
Marius Steigman (Germany)

Time: 14:00-16:30
Room: Harbiye
Language: English
Chairperson: Hakan Ozyuvaci
CERP: 2.5

FDI Science Committee Session - Oral Health and General Health: Scientific Evidence and Implementations in General Practice
Harry-Sam Selikowitz (Norway)
Ira Lamster (USA)
Gary Armitage (USA)

Time: 14:00-16:30
Room: Çamlıca
Language: English
Chairperson: Lijian Jin
CERP: 2.5

Oral Diseases and Other NCDs: Common Risk Factors and Approaches
Harry-Sam Selikowitz (Norway)

Learning Objectives
- Knowledge of the common risk factors of oral diseases and other non-communicable diseases,
- The scientific basis and the use Common Risk Factor Approach,
- The role of dental practitioners as advocates.

Abstract
Oral diseases and other noncommunicable diseases (NCDs) such as heart disease, diabetes and cancer are now among the leading causes of disease burden and death worldwide. Oral diseases and other NCDs have common risk factors such as an unhealthy diet, use of tobacco and harmful alcohol. Due to the common risk factors, the Common Risk Factor Approach (CRFA) is an important tool in promoting health and oral health. Proposed strategies on how the CRFA can be used will be discussed and examples will be given. Dental practitioners’ role as advocates will also be deliberated.

Periodontal and Other Complications of Diabetes Mellitus, and the Relationship of Obesity to Oral Health Importance to Dental and Medical Providers
Ira Lamster (USA)

Learning Objectives
- Be familiar with the classification of diabetes mellitus (DM).
- Know the medical and oral/dental complications of DM.
- Understand the bi-directional relationship of DM and periodontitis.
- Recognize the major concerns when caring for the dental patient with DM.

Abstract
Diabetes mellitus (DM) is a chronic, non-communicable metabolic disorder that affects hundreds of millions of people across the globe. The obesity epidemic is closely related to the increased incidence of DM. DM is associated with very significant morbidity and mortality as a result of microvascular and macrovascular pathology. There are many oral manifestations of DM, including periodontal disease, root caries, candidiasis, xerostomia and burning mouth syndrome.
DM is the only systemic disease that is a recognized risk factor for periodontitis, and evidence suggests that periodontitis contribute to poor metabolic control in patients with DM. The dental office can be a healthcare location where DM can be identified and monitored. Dental professionals must have a comprehensive familiarity with DM.

Impact of Periodontitis and Its Treatment on Cardiovascular and Respiratory Diseases – An Evidence-Based Analysis
Periodontitis and the Risk for Cardiovascular and Respiratory Diseases
Gary Armitage (USA)

Learning Objectives
At the end of this lecture, attendees should be able to:
- List lines of evidence on the connection between periodontitis and risks for coronary heart disease (CHD), non-hemorrhagic stroke, chronic obstructive pulmonary disease, and ventilator-acquired pneumonia (VAP).
- Summarize the evidence regarding effects of periodontal interventions on risk markers for CHD and reducing the incidence of VAP.

Abstract
This presentation will critically evaluate the strength of the evidence linking the associations between periodontal infections and 1) cardiovascular and 2) respiratory diseases. Simple cause-and-effect relationships between periodontitis and these general health conditions cannot be shown because there are multiple other etiologic factors involved in their pathogenesis. Indeed, for most patients, periodontitis probably only constitutes a small portion of the overall risk. Nevertheless, strong biologic and theoretical arguments can be made that the treatment of periodontal disease has beneficial effects on the overall risk of cardiovascular and respiratory diseases. Evidence-based recommendations will be made on the role of periodontal therapy in the overall management of patients with a high risk of either cardiovascular or respiratory disease.

Joint PHC/PHS Forum - Stop Caries in the Primary Dentition – Community Effective Modalities
Prathip Phantumvanit (Thailand)
Shanti Sivareswaran (Australia)

Time: 14:00-16:30
Room: Beylerbeyi
Language: English
Chairperson: Valerie Robinson
CERP: 2.5

Caries Management in Young Children: An Integration Role Between Dentists and Dental Nurses
Prathip Phantumvanit (Thailand)

Learning Objectives
- To apply all level of prevention to caries management in young children,
- To integrate roles of both dentists and dental nurses in public health approach,

Abstract
Caries progression in primary teeth is fast and severe therefore early caries detection is key for early prevention, Tooth-brushing with fluoride toothpaste should be encouraged as early as the first primary tooth eruption at 6 months old to develop oral hygiene habit. Enamel caries lesions could be arrested with effective fluoride varnish. Dentin caries should be managed with glass ionomer either by sealants or SMART preventive restoration with partial caries removal approach which can be performed by trained dental nurses under the supervision of dentists. This will provide caries management in young children accessible and affordable to more children worldwide.
Investing Upstream – Water Fluoridation to Prevent Caries in the Primary Dentition

Shanti Sivareswaran (Australia)

Learning Objectives
After the presentations, the participants will be able to:
- Understand the effectiveness of water fluoridation in preventing caries in the primary dentition
- Key elements required for successful implementation of water fluoridation in the 21st Century

Abstract
Water fluoridation has been rated by the Centre for Disease Control as the Top 10 Public Health Achievements of the 20th century. A special feature of water fluoridation is that it reduces the social inequalities in caries experience. Despite the powerful evidence in favour of water fluoridation as a public policy, its implementation has been sporadic in most countries. This presentation will examine the effectiveness of water fluoridation in reducing dental caries in the primary dentition. It will also describe the strategies used to successfully extend water fluoridation in Australia in the 21st Century, with focus on the state of New South Wales, where currently 96 per cent of the population on reticulated water supply has access to fluoridated water.

Women Dentist Worldwide Forum
Survey of Dependence
Multiple Perspectives Related to Different Dependence

Time: 9:00 - 17:00
Room: Maçka

(see detailed programme in morning sessions 09:00-12:30)
Biomedical Engineering in Dental Research and Innovation

Sarkis Sözkes (Turkey)

Abstract
Biomedical engineering is the application of engineering principles and design concepts to medicine and biology for healthcare purposes including dentistry. This field seeks to close the gap between engineering and medical sciences. Much of the work in biomedical engineering consists of research and development, spanning a broad array of medicine and dentistry. Prominent biomedical engineering applications in dentistry include the development of biocompatible prostheses, various diagnostic and therapeutic dental devices ranging from clinical equipments to dental-implants, common imaging equipment such as digital impressions or volumetric dental tomography, regenerative tissue growth, CAD-CAM systems and therapeutic biologicals. Biomedical Engineering in Dental Research and Innovation will be given through the lecture with future perspectives.

Endodontic-Periodontic Lesions

Adriano Azaripour (Germany)

Abstract
The management of endodontic-periodontic lesions calls for a special protocol as the clinical picture presents an inflammation of both, pulpal and periodontal tissues. As a close interconnection between the periodontium and the pulp is present these adjacent structures have to be considered as a whole.
The linkage of anatomical structures often hinders the exact diagnosis of the initial lesion and with regard to the necessary therapeutical management; it poses a certain challenge at the clinician. This presentation in which different regenerative procedures for the treatment of periodontal-endodontic lesions are applied, intend to point out possibilities for the successful management of complex cases.

A Shortcut for Optimal Esthetic Outcome: The Tunnel Technique
Serhat Aslan (Turkey)

Abstract
Since gingival recession is an esthetic complaint, innovative periodontal surgical techniques have been developed recently. One of the most common procedures to obtain esthetic result is the tunnel technique. This therapy emphasizes the importance of blood supply, absence of vertical releasing incisions and minimal trauma to the tissue. The tunnel technique has been published several times comprising different approaches for tunnel preparation. Instrumentation should be made with specially designed tunnel elevators to achieve esthetic and long-term results. The “Gold Standard” procedure to cover the exposed root surface and thicken the gingiva is utilizing the connective tissue graft which has to be sutured into the pouch and covered during the healing phase to prevent from scar formation. The aim of this lecture is to describe the tunneling procedure step-by-step including the harvesting technique of the connective tissue graft and suturing technique according to recent publications.

Decision-Making Procedure to Reach a High Esthetic Upper Front - Case Reports
Christine Bellmann (UK)

Abstract
Esthetic design of the upper front gets more and more important to our patients. There are various treatment options to reach this goal. To achieve a satisfying result, involves an exact diagnostic, an evaluation of the individual case and individuals wishes. This presentation will lead through the process of diagnostic finding, assessment of treatment options and decision making based on different examples presented on case reports and gives an idea how the approach of a complex case can look like.

Evaluation of Fracture Resistance of Severely Damaged Deciduous Incisors Using Cementum-Extended Composite Fillings
Sara Ehsani (Iran)

Abstract
Early childhood caries (ECC) is one of the most common diseases in preschool children and is characterized by severe tooth decay. By the time dentist visits the patient, extraction of many of these teeth will be the only option since coronal structure is almost lost. Finding a suitable treatment for such teeth has always been of interest. The extension of the clinical crown to the cementum might increase the longevity of the future restoration. This presentation will review the fracture resistance of the cementum-extended composite fillings with and without intracanal posts placed on severely damaged primary incisors.

Optimizing Young Dentists’ Clinical Practice Through Laser Assisted Procedures
Ionut Luchian (Romania)

Abstract
When you start working as a young dentist you have to convince your patients that you are very well trained in order to compensate the limited experience and in the same time to demonstrate them that you can provide the same high standard of dental care as a senior dentist. We will try to emphasize the importance of laser assisted treatments in different areas of conservative dentistry for a minimally invasive approach and a predictable result. The lecture will focus as well on the hazards of dental lasers and on the limits of laser using in the clinical practice.

The Appropriate Implant Case – Assessment Tools in Dental Implantology
Babak Sayahpour (UK)

Abstract
Implant Dentistry is an important branch of dentistry but to achieve the desired long-term success there are few issues which especially young dentist should focus on. Not every implant case is appropriate for a beginner who is not very experienced in the field of dental implantology. A useful assessment tool of the surgical and prosthodontic risks and difficulties of cases is the SAC tool which helps to classify cases into straightforward, advanced and complex. The presentation will focus on the understanding of the SAC Classification in implant dentistry and how to include it to routine assessment procedure of implant cases.
Dentistry in an Aged Society
Mitsuo Okubo (Japan)

Time: 14:00-15:00
Room: Emirgan
Language: English
Chairperson: Emine Nayır
CERP: 1

Learning Objectives
The population is rapidly aging in a number of countries around the world. It is delightful that the average life expectancy is longer, but at the same time how to spend the end of life is a huge challenge. I would like to discuss dental policies to protect the health of elderly people, the population of whom is rapidly increasing.

Abstract
Japan was the first country in the world to become an aged society. This rapid aging raises serious challenges for Japanese society. Since the healthy life expectancy is less than the average life expectancy, the number of elderly people with special needs is increasing rapidly. Although Japan strengthened the universal health insurance system and long-term care insurance system early on, its foundation is being shaken by the challenging situation we face. Considering this situation, I would like to discuss this issue with other countries in a similar situation by presenting the 8020 movement to extend the healthy life expectancy through dentistry and the policies of the Japan Dental Association to enhance the quality of life for persons requiring nursing care.

Panel Discussion - Prosthodontics Outcomes of Prosthodontic Treatment with CAD/CAM Technology
Ersan Ersoy (Turkey)
Bora Bağış (Turkey)
Bulem Yüzügüllü (Turkey)

Turkish Prosthodontic and Implantology Association

Time: 14:00-16:30
Room: Üsküdar
Language: Turkish
Chairperson: Betül Tunçelli
CERP: 2.5

Cad-Cam Applications in Prosthetic Dentistry; an Update
Ersan Ersoy (Turkey)

Learning Objectives
Aim of this presentation, review of the recent history of dental CAD CAM systems and their use for prosthetic dentistry.

Abstract
In this presentation, we review the recent history of dental CAD CAM systems and their use for prosthetic dentistry. Fabrication of crowns, fixed partial dentures and recently the planning guides and abutments of implants are evaluated with cases and datas.

All Ceramic Crowns and Bridges
Current Status of CAD/CAM Generated Ceramics
Bora Bağış (Turkey)

Learning Objectives
The participants listening to this lecture will be able to identify the clinical performances of CAD/CAM fabricated crown and bridge restorations. They will also be able to compare the available materials and learn some application details.

Abstract
There has been a general trend toward using all-ceramic restorations because of their esthetic and biological advantages. Developments
in all ceramic materials and adhesive technology have allowed more widespread application of all-ceramic restorations. The improvement in both strength and toughness of ceramic materials has made it possible to expand the range of indications to long-span fixed partial prostheses. CAD/CAM systems allow the fabrication of all-ceramic restorations in just one single appointment. This presentation aims to discuss the general topics of the CAD/CAM fabricated crowns and bridges for their clinical performances.

**Inlays, Onlays and Laminate Veneers**
**Minimally Invasive Esthetic Restorations**
Bulem Yüzügüllü (Turkey)

**Learning Objectives**
The participants listening to this lecture will be able to identify the laboratory and clinical aspects of conventionally and CAD/CAM fabricated laminate veneer, inlay and onlay restorations. They will also be able to compare the methods of application.

**Abstract**
Advances in ceramic materials, adhesive technology, and clinical techniques have enabled the porcelain laminate veneers, inlays and onlays to evolve into the treatment of choice for minimally invasive esthetic dentistry. Prudent treatment planning along with precise tooth preparation is crucial for optimal function and esthetics. Indirect bonded restorations are fabricated with different techniques, all of which require an impression of the prepared tooth, an impression of the opposing arch, preparation of casts, and extensive laboratory time. The use of CAD/CAM technology to design a restoration in the dental office is more time efficient and may be more predictable. This presentation aims to cover topics on the laboratory and clinical aspects of conventional and CAD/CAM fabricated laminate veneers, inlays and onlays.

**Rational Treatment of Endodontic Lesions**
Endodontic, Endodontic Surgery, or Extraction and Implant
Jean-Yves G. Cochet (France)

**Time:** 15:30-16:30  
**Room:** Emirgan  
**Language:** English  
**Chairperson:** Selmin Aşçi  
**CERP:** 1

**Learning Objectives**
- Read a CT Scan and CBCT, understand its possibilities,  
- Simplify Endodontic lesions treatment strategy,  
- Identify indications of conservation or extraction,  
- Analyze the indications of endodontic surgery and complementary surgery,  
- Determine the endo or surgical approach of endo perio lesion, resorptions and perforations,  
- Understand the Endodontic or surgical treatment of sinus Pathologies with an endodontic origin.

**Abstract**
Endodontic lesions create significant bone destruction. Endodontic treatment will enable to regenerate large bone defects. However, when an endodontic surgery is necessary, regenerating the initial bone volume is a real challenge. A modern large imaging technique, as CT and CBCT scan, allows us to modulate our clinical approach treatment, providing considerably more information than traditional XRays. The biological material, like Biodentine ® or MTA®; used for root resorption and perforation treatment, save teeth that should have been extracted in the past. Endodontic surgery and complementary surgery developed tremendously the possibilities of treatment and success. A new approach for endodontic large lesions and sinus pathology treatment using piezo-surgery gives us a new philosophy of bone regeneration and preservation.
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**Friday 30 August 2013 - Friday (Day 3)**

**Time / Halls**

- **07:45-08:45**: Early Morning and Meet-the-Experts
- **08:45-09:00**: Year in Review
- **09:00-10:00**: Academy of Osseointegration Symposium
- **10:00-10:30**: Orthodontic Control of the High Angle Malocclusion
- **11:00-11:30**: Orthodontic Control of the High Angle Malocclusion
- **12:00-12:30**: Coffee Break
- **12:30-13:00**: Lunch Break
- **14:00-15:00**: Panel Discussion
- **15:00-15:30**: Apical Sizes for Instrumentation: A Critical Factor for Endodontic Success
- **15:30-16:00**: Coffee Break

**Event Details**

- **Year in Review**: Implantology - Minimum Intervention Dentistry
- **Academy of Osseointegration Symposium**: Update on the Current Science and Clinical Practice in Key Areas of Implant Dentistry
- **Orthodontic Control of the High Angle Malocclusion**: Jian Li (Moderator)
- **Orthodontic Control of the High Angle Malocclusion**: Cheng-Ming Zhao
- **Panel Discussion**: Endodontic Treatment: Challenges and Debates (Moderator: Binnaz Leblebicioğlu)
Friday 30 August

Early morning sessions 07:45-08:45

Early morning Seminar
Zirconia in Prosthodontics: Future or Dead End?
Florian Beuer (Germany)

Time: 7:45-8:45
Room: B325
Language: English
CERP: 1

Early morning Seminar
Bisphosphonates in the Context of ONJ and Dental Implant Therapy
Sreenivas Koka (USA)

Time: 7:45-8:45
Room: B326
Language: English
CERP: 1

Friday 30 August

Morning sessions 09:00-12:30

Nigel Pitts and Raman Bedi (United Kingdom)
Panelists and guest speakers will be confirmed onsite

Time: 08:30 - 12:30
Room: Maçka
Language: English

Learning Objectives
After the presentation, participants will be able to understand:
- How dental caries affects communities globally
- What drives complacency around the issue of caries and cavities
- Successful models employed at the local level to reduce and prevent caries

Abstract
The Alliance for a Cavity-Free Future (the Alliance) is a worldwide group of experts who have joined together to promote integrated clinical and public health action to stop caries initiation and progression; their goal is to move towards a cavity-free future for all age groups. Since the global Alliance’s launch in 2010, the group has worked to challenge global leaders and other regional and local stakeholders to learn the importance of caries as a disease continuum where early and initial caries lesions can be reversed before developing into gross cavities. This year’s Global Annual Report on the Alliance will include an update on the recent Alliance activities, a case study from the local Brazilian Alliance chapter and an interactive panel discussion around addressing the issue of complacency about caries and cavities. Later in the session, attendees will hear perspectives on making a difference in creating a cavity-free future, which will feature real-world examples of improving the prevention and management of cavities from a variety of global stakeholders.
World Oral Health Forum  
A joint initiative of WHO and FDI

Addressing Oral Health into Global Non-Communicable Diseases (NCDs) Initiative: A Focus on the Opportunities Provided by such Integration at Regional and Country Level

Welcoming remarks:  
Orlando Monteiro da Silva (Portugal) – FDI President

Concluding remarks:  
Poul-Erik Petersen (Switzerland) – WHO, Chief Oral Health Programme

Panelists:  
Benoit Varenne (DR Congo) – WHO, Regional Advisor on oral health for Africa  
Bernadette Pushpaangaeli (Fiji) - Associate Dean Student Life and Senior Lecturer in Dental Public Health College of Medicine, Nursing & Health Sciences, Fiji National University  
Jocelyne Garé (Burkina Faso) - Chief Dental Officer, Ministry of Health  
Harry Sam Selikowitz (Norway) - FDI Science Committee Vice Chair

Time: 9:00-11:00  
Room: Beyazıt  
Language: English*  
Chairpersons: Ahmed Ogwell Ouma (Switzerland) – WHO Advisor, Regional office for Africa- Tobacco Control  
Polat Sertac (Turkey) - Head of tobacco control  
Department of Ministry of Health

*Simultaneous interpretation in French, Spanish, German and Turkish

Abstract
At the UN High-level Meeting of the General Assembly on the Prevention and Control of NCDs in September 2011, 193 member states recognized that oral diseases are a major public health problem for many countries, have common risk factors with the main NCDs and can therefore benefit from common approaches to NCD prevention and control. With the inclusion of oral health within the political declaration, the oral health community including networks of Chief Dental Officers (CDOs) and National Dental Associations (NDAs) has a unique opportunity to reinforce prevention and control of oral diseases by integrating oral health into the NCDs national programs.

Spurred by the Political Declaration, the World Health Organization (WHO) was mandated to develop a comprehensive Global Monitoring Framework (GMF) and a Global Action Plan for the prevention and control of NCDs 2013-2020 (GAP), with the participation of Member States and partners. The two documents were adopted during the 66th World Health Assembly held last May, and other technical tools and guidelines are also available.

The objectives of this session are to update countries on gains made by the oral health community on the integration of oral health within the NCDs agenda and provide guidelines to develop and implement oral health interventions as well as monitor the progress within the new GAP 2013-2020. The participants will discuss how NDAs and CDOs could take a leading role in the fight against NCDs and their risk factors. From the work plans and strategies developed by WHO at different levels as well as experiences deployed by oral health leaders worldwide, the participants could identify approaches and ways forward in order to ensure a new upswing of oral public health interventions.

The WHO regional offices of Africa and Americas in collaboration with the FDI, invite you to participate in panel discussion on how best to integrate effective oral health interventions into the Global NCDs initiative and help ensure that oral health remains high on the global health agenda. The session will start by a series of presentations by the WHO Regional Advisors for Africa and Americas and by national CDOs and NDAs. The rest of the session will be allocated for discussion and questions facilitated by the moderators. Please also note that Dr Orlando Monteiro da Silva, FDI President will introduce the session and Dr Poul Erik Petersen, of the WHO oral health programme, will make concluding remarks.
Year in Review
Binnaz Leblebicioğlu (USA)
Prathip Phantumvanit (Thailand)
Hien Ngo (Kuwait)
Mutlu Özcan (Switzerland)

Time: 9:00-11:00
Room: Harbiye
Language: English
Chairperson: Esra Yıldız
CERP: 2

Implantology
Binnaz Leblebicioğlu (USA)

Minimum Intervention Dentistry
Prathip Phantumvanit (Thailand)

Cariology
Hien Ngo (Kuwait)

Restorative & Adhesive Dentistry
Single Tooth Replacement with Direct and Indirect Reconstructions: A Therapy Comparison
Mutlu Özcan (Switzerland)

Academy of Osseointegration Symposium - Update on the Current Science and Clinical Practice in Key Areas of Implant Dentistry
David LC Holmes (United Kingdom)
Sreenivas Koka (USA)
Fouad Khoury (Germany)

Time: 9:00-12:30
Room: Çamlıca
Language: English
Chairperson: James Taylor
CERP: 3.5

Challenges in the Maxilla: From Sinus Surgery to the High Lipline Smile - What’s Possible?
David LC Holmes (United Kingdom)

Learning Objectives
- Identify the major challenges associated with implant placement in the maxilla and how to overcome them
- Understand the potential for immediate implant placement at the time of tooth extraction in the anterior maxilla as well as in maxillary molars
- Understand how modern implant design (body, thread and surface technology) enhances surgical techniques

Abstract
This lecture outlines the major challenges associated with implant placement in the maxilla and how to overcome them. A distinction is made between the anterior and posterior areas and in particular immediate implant placement in extraction sockets. Current surgical and prosthetic techniques will be discussed along with modern implant designs and surface technology.
Oral-Systemic Considerations in the Context of Osseointegration
Sreenivas Koka (USA)

Learning Objectives
- To describe the clinical management implications for patients receiving oral implant therapy who have diabetes and osteoporosis.
- To describe the clinical management implications for patients receiving oral implant therapy who are smokers
- To describe the clinical management implications for patients receiving oral implant therapy who have taken bisphosphonate medications.

Abstract
This presentation will cover the role of a variety of systemic considerations (osteoporosis, bisphosphonates, ONJ, diabetes, smoking) on dental implant survival and will discuss clinical guidelines to follow for patients who present with these considerations. Latest best-evidence in the context of patient-mediated decision making and risk management will be presented.

Current Concepts in Bone Grafting & Soft Tissue Management
Fouad Khoury (Germany)

Learning Objectives
- Technique of safe harvesting of bone blocks
- Technique of block grafting (Biological concept)
- Soft tissue management for graft protection and soft tissue augmentation
- Prevention & management of intra-& postoperative complications

Abstract
Since 1984, various autogenous grafting procedures, including 3D reconstruction of bone defects are used to perfect implant placement. In the majority of the cases the bone block grafts are harvested from the mandible using the MicroSaw. The techniques of augmentation with mandibular bone block were modified to increase the number of vital osteocytes in the grafted area (biologic grafting) for a predictable long term osseointegration. Results of more than 1.200 patients treated with this technique showed a success rate more than 90% for over 15 years. The study confirmed that harvesting of bone blocks with the MicroSaw allows winning big quantity of bone in a safe and predictable way. Soft tissue management, however, remains a primordial factor for reducing the risk of complications.

Vertical Control in Orthodontics - What We Learned from Tweed Philosophy
Yanpeng Zhou (China)

Learning Objectives
Skeletal Class II malocclusion with high mandibular plane angle is very difficulty to deal with clinically. We use the very effective but more efficient way to treat such kinds of cases. The attendees will learn from the lecture to know more about the vertical control of molars during orthodontics. The simple mechanics will be display at the lecture.

Abstract
Directional force technique is quite useful for treating the Skeletal Class II patients with high mandibular angles according to the Tweed philosophy. Vertical control is the most important procedure during orthodontic treatment in patient with high mandibular plane angle. We applied microscrew as anchorage for intrusion of molars in high mandibular angle cases. The screws were placed at the alveolar bone between the first and second molars of maxilla, and very light force was applied for intrusion of upper and lower molars, simultaneously with space closure. Our clinical study showed that the molars were intruded, and mandibular plane angle was reduced significantly. The mandible rotated upward and forward, and patient’s profile improved dramatically. The indication and effectiveness of microscrew for intrusion of molars were discussed.
Regional Session
Innovations in Dentistry by Neighborhood
Oleg Yanushevich (Russia)
Anatoliy Kulakov (Russia)
Vladimir Sadowski (Russia)
Anatoly Kunin (Russia)
Valery Leontyev (Russia)

Time: 9:00-11:00
Room: Emirgan
Language: Russian*
Chairperson: Vladimir Sadowski
CERP: 1

*No simultaneous translation will be available.

Economic, Social and Regional Factors Affecting the Dental Disease in Russia Peculiarities of Prevention
Oleg Yanushevich (Russia)

Abstract
The report will display the data that is collected and processed with the WHO Collaborating Centre for dental disease in Russia. The study included 48 regions. Research was conducted among different population groups, vozaste from 12-45 years. Estimated basic dental disease in the WHO classification using the index evaluation.
As a result, the data objectively identified factors that influence the development of dental disease of the population that formed the basis of the principles of formation of regional prevention programs.

Computer Modelling in Oral and Maxillofacial Surgery and Dental Implantation.
Anatoliy Kulakov (Russia)

Abstract
The presentation discusses the results of clinical practice monitoring and is based on an actual clinical case of microsurgical mandibular reconstruction with follow-on implants placement. Successful outcome is highly dependent on effective pre-panning collaboration among a prosthodontist, a surgeon, a radiologist and 3D modeling specialists.

What is Common Between Transport Tunnel and Tooth Enamel
Vladimir Sadowski (Russia)
Anatoly Kunin (Russia)

Abstract
According to our information round formations at the surface of enamel with diameter up to 3 mkm are beginnings of “tunnels” which diameter can vary from 1 to 3 mkm, coming through all thickness of enamel and being “S” bending along the bunch of enamel prisms. In milk teeth quantity of such round formations with diameter from 1 to 2 mkm is high and for them equal distribution at the surface of enamel as “honeycombs” is specific. Despite the decrease of holes quantity at the enamel surface with ages because of enamel erase ability under the influence of exogenous factors, the diameter of these holes increases to 3 mkm. It tells us both about active interaction of enamel with oral fluid and about their mutual adaptation to changing conditions in process of organism life.

The Concept of Stomatological Selection and Training of Pilots for Long-Term Space
Valery Leontyev (Russia)
Panel Discussion - Endodontic Treatment: Problems and Solutions  
Handan Ersev (Turkey)  
H. Oğuz Yoldaş (Turkey)  
Özgür Topuz (Turkey)  

Turkish Endodontic Society  

Time:  9:00-11:00  
Room:  Üsküdar  
Language:  Turkish  
Chairperson:  Faruk Haznedaroğlu  
CERP:  2  

Complications Encountered in the Instrumentation of Root Canals  
Complications in Root Canal Instrumentation  
Handan Ersev (Turkey)  

Learning Objectives  
At the end of the presentation; the attendants should:  
- Recognize complications encountered during instrumentation of the root canals  
- State the etiological factors  
- Describe preventive approaches  
- Describe the clinical and radiological methods of recognition  
- Discuss and identify the treatment options  

Abstract  
Clinicians may encounter complications or mishaps during instrumentation of the root canals which can affect prognosis. These include perforations; deviations from the original root canal anatomy, such as transportations, ledges, zips; canal blockages; over- and under-preparations and separated instruments. The etiologic factors, methods of recognition and also the treatment of these mishaps will be described. Special attention will be drawn to the importance of adhering to the basic principles of access preparation, establishing a proper working length and using stainless steel or nickel-titanium instruments to minimize or avoid such mishaps. In addition, the impact of root canal anatomy and its aberrations on the complications encountered will be discussed.

Problems Encountered in Apical Periodontitis and Their Treatment Strategies  
Treatment of Apical Periodontitis  
H. Oğuz Yoldaş (Turkey)  

Learning Objectives  
- Ideal criteria for satisfactory root canal treatment.  
- Strategies to eliminate microorganism from root canals.  
- Surgery vs. retreat  
- Single visit vs. multiple visit  
- Intracanal medication and irrigation  
- Success rates of root canal treatment  
- Implant vs. root canal treatment  

Abstract  
Chronic apical periodontitis is an inflammatory disorder of periradicular tissues caused by persistent microbial infection within the root canal system. The main goal of endodontic treatment is to prevent or eliminate the infection in root canals. Persistent or emerging apical periodontitis occurs when root canal treatment has not adequately eliminated. Usually presence of post treatment disease reflects poor clinical techniques and the failure to eliminate infection. Alternatively, the complexity of root canal anatomy, true cysts, resistant microorganisms and foreign objects may also decrease healing rates of root canal treatment. The aim of this lecture is to provide an overview of apical periodontitis and to discuss the outcome of root canal treatment in an evidence base approach.

Complications Encountered in the Disinfection and Obturation of Root Canals  
Özgür Topuz (Turkey)
Orthodontic Control of the High Angle Malocclusion
Derek Mahony (Australia)

Time: 10:00-12:30
Room: Beylerbeyi
Language: English
Chairperson: Haluk Iseri
CERP: 2.5

Learning Objectives
- Differentiate a true vertical growth patient vs. patient w/vertical dimensions increased due to environment.
- Review facial growth, & dento-alveolar compensation, that leads to increased vertical proportions with or without an anterior open bite.
- Understand the effect of proper diagnosis and treatment planning in a long face patient;
- Understand intrusion biomechanics and its effect on facial balance.

Abstract
If we think of a high angle patient as a Class II skeletal, we tend to think because of the Class II paradigm, of retracting the maxilla; leading normally to extraction of premolars as the typical approach. Alternatively, the Class II high angle case can be considered as an underlying Class III – disguised by the vertical posterior excess. By removing the posterior occlusion the mandible has no choice but to rotate upwards and forward. This means the treatment paradigm for high angle Class II malocclusions should be intrusion of the first permanent molars, 1-2mm out of the occlusion.

Parodontologia - Esthetic in Periodontal Surgery
Massimo de Sanctis (Italy)

Time: 11:30-12:30
Room: Harbiye
Language: English
Chairperson: Murat Akkaya
CERP: 1

Learning Objectives
Participants will have essential information on biological phenomena in periodontal wound healing; Indication for mucogingival surgical techniques, with step by step description and application of this knowledge both to solve esthetic problems, namely root recessions and periodontal bone defects.

Abstract
Esthetic is becoming an important issue in modern dentistry and in periodontology. Root recession is a condition that represents an apical shift of marginal tissues that can cause dentinal hypersensitivity to patients. When this condition affects the anterior teeth, it can cause esthetical problems. In recent years new surgeries have been developed to treat these defects and they are applied also to treat multiple recession type defects.

The same techniques have been proposed in the treatment of bony defects, aiming at a complete bone reconstruction without a post surgical recession.
Use of Fluorides and Current Recommendations
Denis Bourgeois (France)
Prathip Phantomvanit (Thailand)

Time: 11:30-12:30
Room: Emirgan
Language: English
Chairperson: Funda Yaniçoğlu
CERP: 1

Do Recommendations on the Use of Fluoride in Europe Comply with Resolutions Established by the FDI and WHO? Fluorides and Policies.
Denis Bourgeois (France)

Learning objectives
- To identify background and present policies on fluoride
- To promote a promotion and preventive integrate strategy to limit the oral health risks and reduce inequalities
- To input the performance of health systems
- To valorize promotion and prevention focused on specifics groups and improvement of quality of care and accessibility

Abstract
For the next 20 years, the norms and standards prepared in the previous years were implemented with prevention as the first priority and the guiding light for all activities. Member States introduce community water fluoridation as a safe, inexpensive and effective measure following by F-salt and F-toothpaste.

WHO collaborative programmes were established with FDI, IADR through joint working groups on a wide variety of subjects, using concepts.
Initiatives in education to improve F-toothpaste twice a day through a network of interested educational bodies. There was also intensification of field work in extending appropriate prevention, developing low cost fluoride toothpaste and perfecting a high coverage, low cost care delivery system.

Effective Use of Fluoride in Asia
Prathip Phantomvanit (Thailand)

Learning Objectives
- To understand how to use fluoride effectively in daily caries prevention in each age group,
- To apply fluoride for caries prevention in community, professional and self-care approaches.

Abstract
Fluorides have been used in dentistry for decades but still caries prevalence especially in developing countries. Community fluoride use such as water, salt and milk is recommended by the World Health Organization. Professional approaches such as fluoride varnish, silver diamine fluoride have more evidence for caries prevention especially in children. However the most popular fluoride use is self-care toothpaste and mouth-rinsing which need some hints to make it more effective such as bio-available fluoride concentration, time and period of tooth-brushing, correct of amount of fluoridated toothpaste used. The important approach is how to keep the right amount of fluoride in the oral cavity for long action for caries prevention, day and night.
Posterior Indirect Restorations
Banu Önal (Turkey)
Burçin Vanlıoğlu (Turkey)

Time: 11:30-12:30
Room: Üsküdar
Language: Turkish
Chairperson: Sami Büyükgökçesu
CERP: 1

Why Indirect Restorations in the Posterior Area?
Banu Önal (Turkey)

Learning Objectives
- To examine the indications for indirect restorations
- To show advantages and disadvantages of indirect restorations
- To compare different types of indirect restorations

Abstract
Dental restorations can be classified into two main categories: direct and indirect. The difference between the two is that while direct restorations are inserted into or applied to the tooth directly in the patient’s oral cavity at the one visit, indirect restorations are fabricated on a model of the teeth outside the patient’s mouth and usually involve two separate visits.
Indirect restorations are used to restore the function, integrity and morphology of missing tooth structure.
There are many challenges for the physical properties of the ideal dental restorative material.
The trend in recent years has been towards indirect restorations, even for relatively smaller restorations.
The lecture will discuss indications for indirect restorations to answer the question how to decide to apply an indirect restoration.

Treatment Considerations for Esthetic Indirect Posterior Restorations from a Prosthodontic Point of View
Porcelain Inlays and Onlays
Burçin Vanlıoğlu (Turkey)

Learning Objectives
Indications, contraindication and treatment considerations for porcelain inlays and onlays will be the objective of this presentation. The working steps and key to long term success will be discussed according to the current literature.

Abstract
Restorative procedures such as caries removal or cavity preparation are accompanied by reduction in tooth stability, decreased fracture resistance, and increased deflection of weakened cusps. An ideal restorative material should satisfy functional and aesthetic requirements and provide long-term stability. Glass–ceramic restorations are an excellent treatment alternative for posterior teeth with extensive dental-structure losses and aesthetic needs.
These restorations confer aesthetic properties, colour stability, chemical durability, fluorescence, resistance to compression and wear, biocompatibility, and improved fatigue resistance in the oral environment. The primary causes of ceramic inlay or onlay restoration failure are cohesive bulk fractures and marginal deficiencies, which manifest clinically as marginal discoloration and secondary caries.
Friday 30 August

Industry Lunch Symposium
12:30-14:00

Güney Diş – Carestream Symposium
CBCT: Benefits of High-Resolution 3D Imaging
Martin D. Levin (USA)

Date : 30th August 2013
Time : 12:30-14:00
Room : Emirgan
Language : English
Chairperson : Güniz Baksı Şen

Learning Objectives
The objective of the symposium is highlighting of the essential advantageous of the CBCT 3D imaging technologies while defining to treatment algorithm versus conventional imaging in General Dentistry.

Abstract
CBCT offers a three- dimensional view of the maxilla and mandible, improving diagnosis and image-guided therapies. Periapical and panoramic radiography have been augmented by the recent introduction of high-resolution, limited field of view CBCT, allowing three-dimensional assessment of odontogenic and non-odontogenic lesions, implant site assessments prior to treating acquired or congenital tooth loss, location of implant anatomic landmarks, root canal morphology, root and alveolar fractures, receptive lesions and anatomy prior to surgery. This symposium will highlight the advantage of CBCT imaging in light of recent research demonstrating a significant increase in lesion visualization when compared to periapical radiographs.
Friday 30 August

Mid-day sessions 12:45-13:45

Meet-the-Expert
Implantology
Martin Lorenzoni (Austria)

Time: 12:45-13:45
Room: B325
Language: English
CERP: 1

Meet-the-Expert
Endodontics
CT Scan and Cone Beam CT Scan in Endodontics and Endodontic Surgery
Jean-Yves G. Cochet (France)

Time: 12:45-13:45
Room: B326
Language: English
CERP: 1

Friday 30 August

Afternoon sessions 14:00-16:30

Panel Discussion
An update: Challenges and Debated Issues in Implantology
Christian Berger (Germany)
Binnaz Leblebicioğlu (USA)
Martin Lorenzoni (Austria)
Gürkan Göktuş (USA)
Marius Steigman (Germany)
Hani A. Salam (UAE)

Time: 14:00-16:30
Room: Harbiye
Language: English
Chairperson: Bahar Kuru
CERP: 2.5
Apical Sizes for Instrumentation
A Critical Factor for Endodontic Success
Martin Trope (USA)

Time: 14:00-16:30
Room: Camlica
Language: English
Chairperson: Handan Ersev
CERP: 2.5

Learning Objectives
- Identify the role and location of microbes that cause and sustain apical periodontitis
- Recognize the shortcomings of present strategies in instrumentation
- Understand how these shortcomings can best be minimized with modern instruments and sequences

Abstract
Root canal instrumentation is an integral part of endodontic treatment with the aim of physically “scraping” the walls of the canal thus minimizing the biofilm and microbial load that causes and sustains apical periodontitis.
Root canals are surprisingly large and are not round. Thus the challenge presently is to use round instruments in non-round canals and to instrument to large enough sizes without perforating the root in the narrow diameter of the canal.
This talk will identify the microbial reduction requirements for successful root canal therapy and present instrumentation strategies that will best meet these challenges. The addition of adjunctive irrigation will also be discussed.

Single Tooth Replacement with Direct and Indirect Reconstructions: A Therapy Comparison
Mutlu Özcan (Switzerland)

Time: 14:00-15:00
Room: Beylerbeyi
Language: English
Chairperson: Banu Onal
CERP: 1

Learning Objectives
- Materials used for direct bridges
- Clinical procedures for making direct bridges
- Survival data of direct bridges
- Comparison of survival data on different therapy options for single tooth replacement

Abstract
Decision making for the reconstruction type is multi-factorial. Yet, invasiveness of the therapy, biological and financial costs and long-term durability of the chosen therapy needs to be considered and communicated with the patient. Progress in adhesive dentistry allowed us to approach classical prosthodontic work in a less invasive way. In this lecture, indirect therapy and direct adhesive bridge options using metal-ceramics, all-ceramics and reinforced polymers will be elaborated for single tooth replacement considering both biological, mechanical aspects and clinical survival data.
Restoration of Severely Destructed Teeth in the Anterior Region
Şenay Canay (Turkey)

Time: 14:00-15:00
Room: Emirgan
Language: Turkish
Chairperson: Sadullah Üçtaşlı
CERP: 1

Learning Objectives
The post system to be adopted would depend on the shape of the post, preparation of the channel and the binding capacity. Recent developments in reinforced ceramics and non-metallic post systems provide for even better aesthetics. Aesthetic post systems provide adequate retention to the core foundation and the tooth.

Abstract
Various clinical techniques are available in the restoration of teeth compromised because of trauma, wide-spread decay or failure of previous restorations. Such compromise may cause problems in the retention of the prosthetic restoration to be done and this in turn will increase the risk of breaking during the function. The anatomical and physiological nature of the tooth, its occlusion and its role in the overall planning of the treatment, the extent of the loss of dental texture, aesthetic and functional requirements as well as the state of periodontal health help to identify the appropriate restorative technique and materials. With structurally compromised teeth, improvements in the post and core systems now allow restoration with an almost life-like look.

Interactive Case Discussion 3
Yaşar Özkan (Turkey)
Filiz Pekiner (Turkey)

Time: 14:00-15:00
Room: Üsküdar
Language: Turkish
Chairperson: Ömer Engin Bulut
CERP: 1

The Impact of Hard and Soft Tissue Grafting on the Esthetic and Functional Success of Implant Surgery
Yaşar Özkan (Turkey)

Learning Objectives
The importance of the correction of the soft and hard tissue deficiencies, to maintain long-term success in implant placement in the aesthetical region, will be emphasized in this presentation.

Abstract
Nowadays dental implants take place as an important treatment alternative in dentistry. Dental implant surgery is a complex procedure containing both soft and hard tissue surgery. The deficiency of these tissues may cause as an inappropriate function and may result in an unacceptable aesthetic aspect. Soft and hard tissue deficiencies can be corrected either peri-operatively or before dental implant placement, depending on the severity of the deficiency and surgical technique. Especially in aesthetical region, to maintain long term success the deficiency of the hard and soft tissue has to be restored with two stage or one stage procedures. Here in this presentation we will discuss soft and hard tissue augmentation to improve function and aesthetic.
Pain Management  
Filiz Pekiner (Turkey)

Learning Objectives  
After the presentation, participants will be able to:  
- define what pain is,  
- evaluate patients with psychosomatic pain,  
- get informed about approach towards patients with psychosomatic pain.

Abstract  
Pain is a perception case in nociception and a somatopsychic experience so that it is always subjective sensation. Pain usually occurs with tissue damage. However, people can feel pain without any tissue damage. It’s difficult to separate this kind of pain from pain caused by tissue damage. Four kinds of pain are nociceptive pain, deafferentation pain, reactive pain and, psychosomatic pain. Psychosomatic pain is defined under circumstances where psychic and psychosocial problems are increased and people generally somatize these facts. Psychological issues arise in oral and perioral region as pain, burning, prickles and with sudden spontaneous complaints. The presence of this special circumstance which is independent of any endogen and exogen factor is called “Burning Mouth Syndrome”.

Operative Dentistry: New Materials, Technologies and Techniques  
Enrique Kogan (Mexico)

Time: 15:30-16:30  
Room: Beylerbeyi  
Language: English  
Chairperson: Şenay Canay  
CERP: 1

Abstract  
In recent years restorative dentistry has entered a new and very exciting era, with newer materials (adhesives, resins, fiber posts, etc.), newer technologies (Ultrasonic resin application, LED polymerization, etc.), and techniques (CAD/CAM, Press ceramics, Zirconia etc.) that lead us to better, easier and more reliable treatments for our patients. In this presentation some of those materials, technologies and techniques will be review from a research point of view as well as a clinical applications with the idea of bringing them closer to the dental practice with consistent good results.
The Journey of Communication from Verbal (Oral) World to Cyber World
Can Karaburçak (Turkey)

Time: 15:30-16:30
Room: Emirgan
Language: Turkish
Chairperson: Onur Şengün
CERP: 1

**Learning Objectives**
Effective communication occurs with non-verbal and verbal tools. According to Mahrebian’s findings words have 7%, tone 38% and body language has 55% impact on a message. What about now? We are communicating through social media, to a great extend in written form by words. What are the pros and cons to it?

**Abstract**
The new generation is called the generation of 3Cs; Communication, Connection and Collaboration. Until very recent times we have written letters where our message needed much time to be delivered. Apart from face to face options even connection by phone took some time. By the aid of technology someone living in Japan communicates, connects even collaborates with someone in South Africa within seconds through internet and social media. According to Mahrebian’s findings words have 7% impact on a message, while tone has 38% and body language 55%. So what do we do now? How can we communicate effectively now that words have a higher impact on the message and use the benefits of social media to our best advantage?

Advances in Removable Partial Dentures: Planning, Current Materials and Techniques
Olcay Şakar (Turkey)

Time: 15:30-16:30
Room: Üsküdar
Language: Turkish
Chairperson: Tonguç Sülün
CERP: 1

**Learning Objectives**
- Evidence based study results for different clasps, major connectors and different fabrication techniques, different framework and base materials and precision attachments for removable partial denture (RPD)
- Aesthetic clasp designs
- Overlay RPDs
- Flexible RPDs
- Shortened dental arch concept
- Occlusion in RPDs
- Implant supported RPDs

**Abstract**
Extended life spans and evidence from various national dental health surveys shows that more people will retain their teeth into old age. Gradually the main focus in prosthodontics has shifted from removable dentures to fixed prostheses, while implant supported restorations have generated interest in the dental community. In spite of the growing popularity of dental implants, it is estimated that the proportion of people who have had implant treatment is around 1.7%. It is most probable that over the next few decades the majority of people with complete or partial edentulism will continue to receive conventional prosthodontic treatment. This presentation will focus on evidence based advances in planning, materials and fabrication techniques of removable partial dentures.
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<th>Time / Halls</th>
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| 09:00-10:00 | Advanced Implant Rehabilitation: Esthetics Navigation Immediate Loading Martin Zandio | Contemporary Concepts and New Developments in Regenerative Periodontal Therapy  
Anton Sculean | The Digital Practice “Change” — How we work in our practice in the 21st Century  
Börce Bach, Martin Zandio | Problems and Solutions in Completed Dentures  
Sahab Ali | Panel Discussion  
Advances in Digital Imaging  
Martin Zandio  
Ali Sinan Horasan  
Saim Sancaklı | The Role of Dental Assistant in Restorative Dentistry  
Sente Birgikmen |
| 10:00-11:00 |                   |        |         |         |         |         | Sterilization Strategies  
Günther Altkögel |
| 11:00-11:30 | Coffee Break |        |         |         |         |         |                                                   |
| 11:30-12:30 | Decision Making: Keeping the Tooth or Placing an Implant — Complications Associated with Implants and with Tooth Loss  
Christian Böger | Potentially Malignant and Malignant Disease of the Mouth — a Worldwide Problem  
Stephan Füller | Anterior Mussel Challenges and Solutions  
Andreas Steinbacher | How Do Digital Impressions Make Life Easy in the Clinic?  
Anita Berger | Clinical Problems Associated with Smooth Restorations  
Atila Sancaklı | The Role of Dental Assistant in Orthodontics  
Alessio Rizzau |
| 12:30-14:00 | Lunch Break |        |         |         |         |         |                                                   |
| 14:00-15:00 | Host Modulation Therapy in Periodontology  
Rejvan Kentner | Periodontal Considerations for Implant Treatment  
Bleni Holzbach | Obtaining Natural Tooth Color Through Bleaching Procedure without Sensitivity —  
Severin Uhl | Technical and Clinical Mistakes/ Failures in Fixed Dentures  
Cem Gedik | Assistance in Oral and Maxillofacial Surgery  
Ahmet Tuna |
| 15:00-15:30 | Coffee Break |        |         |         |         |         |                                                   |
| 15:30-16:30 | Orthognathic Surgery and Facial Aesthetics  
Ahmet Moral | Oral Cancer: Prognostic Factors  
Samer Al-Abed | Evidence Based Dentistry: Implementation to Clinical Practice  
Özgür Abali  
Aydin Kocabağlı | Which Possibilities Do We Have in Remineralization?  
Metin Dursun  
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Mineral Intervention (MI)  
Betül Kargül |                                                   |
Saturday 31 August

Early morning sessions 07:45-08:45

Early morning Seminar
Staff: The Heart of Your Practice
Management Staff in Practice
William Cheung (China)

Time: 7:45-8:45
Room: B325
Language: English
CERP: 1

Early morning Seminar
Regenerative Materials
Treatment Concepts for Predictable Outcomes
Anton Sculean (Switzerland)

Time: 7:45-8:45
Room: B326
Language: English
CERP: 1

Saturday 31 August

Morning sessions 09:00-12:30

Advanced Implant Rehabilitation:
Esthetics-Navigation-Immediate Loading
Martin Lorenzoni (Austria)

Time: 9:00-11:00
Room: Harbiye
Language: English
Chairperson: Atilla Sertgöz
CERP: 2

Learning Objectives
The objective of this presentation is to demonstrate restorative treatment concepts for edentulous and partial edentulous patients focusing on exact treatment sequences (protocols) from planning including appropriate software to surgical implementation and final prosthetic rehabilitation.

Abstract
Computer-guided implantology enables the clinician to evaluate bony morphology for placement of dental implants with a high degree of accuracy and with 3-dimensional views. Precise 3-D planning, stereolithographic templates and customized drilling components facilitate optimal implant placement and - in selected cases - allow transmucosal insertion reducing postoperative pain and discomfort for the patient.

Implant supported restoration in the anterior maxilla presents a major restorative challenge. The contours and colour of missing teeth may be reproduced using a variety of materials and techniques. Many treatment protocols have been developed attempting to achieve optimal aesthetic outcome.

Soft tissue grafting and pouch techniques represent useful concepts to optimize the outcome of implant rehabilitation in the maxilla in single and multiple implant cases.
Contemporary Concepts and New Developments in Regenerative Periodontal Therapy
Anton Sculean (Switzerland)

Time: 9:00-11:00
Room: Çamlıca
Language: English
Chairperson: Binnaz Leblebicioğlu
CERP: 2

Learning Objectives
- To provide an overview on the biologic background of the available regenerative treatments.
- To provide clinical concepts for regenerative treatment in intrabony, furcation and recession defects.

Abstract
Advances in cell and molecular biology have contributed to increased understanding of wound healing of supporting periodontal tissues. In general, the outcome of wound healing can be characterized either as repair, i.e. scar tissue formation that differs in form and/or function from the original tissues, or regeneration, i.e. form and function of the lost tissues is restored. A large body of evidence has established that growth and differentiation factors, natural biological mediators, guided tissue regeneration with or without grafting materials may support wound healing/regeneration.

The presentation will summarize the evidence on the available regenerative materials for the treatment of intrabony, furcation and recession defects. Presentation of clinical cases and surgical videos will illustrate the integration of each of the discussed topics in the overall clinical concept.

The Digital Practice “Change” - How We Work in our Practice in the 21st Century
Elmar Reich (Germany)
Florian Beuer (Germany)
Martin D. Levin (USA)

Time: 9:00-11:00
Room: Beylerbeyi
Language: English
Chairperson: Elmar Reich
CERP: 2

How Digital Devices Change the Workflow of a Dental Practice
Elmar Reich (Germany)

Learning Objectives
- Understand the different digital systems for the dental practice: management, x-ray, pictures, decision support systems
- Check your workflow and analyze the systems available for different applications
- Develop an implementation plan for a digital practice

Abstract
Abstract of your presentation: The computerized dental practice develops rapidly. New devices are introduced regularly. Sometimes the exchange of data between the different devices causes problems. The stability of digital system is of paramount importance. Besides practice management applications all radiographic and clinical pictures can be viewed and analyzed in one system. Electronic health records are replacing paper records making retrieval easier, but back-ups mandatory. Of great importance are systems to exchange data and information with physicians, checking for adverse drug reactions for patients with complex medical conditions. Some systems give support in decision-making for possibly malignant mucous or bony lesions. With these possibilities the workflow from appointment making to medical diagnosis is changed.
From Intraoral Scanners to the CAD/CAM Systems
Florian Beuer (Germany)

Learning Objectives
The participants should be able to understand the principle of the
digital workflow in the dental office and the dental laboratory. They
will learn about new materials and their indications. All participants
will know the benefits of the direct approach to fabricate implant-
supported implant crowns with the Munich IMplant Concept (MIC).

Abstract
Dental restorations produced with computer assistance have become
more common in recent years. The many benefits associated with
CAD/CAM generated dental restorations include: the access to new
materials; an increase in quality and reproducibility consummate
with a standardized chain of production; an improvement in
precision and planning, as well as an increase in efficiency.
Recent developments as intraoral scanning devices, CAD/CAM
fabricated master casts and digital veneering systems will facilitate
computer generated restorations.
This presentation gives an overview of CAD/CAM-technologies,
material selection from a scientific and a practical point of view.

Cone Beam Computed Tomography (CBCT) in
Endodontics
Current State-of-The Art and Future Enhancements
Martin D. Levin (USA)

Learning Objectives
- Describe the limitations of 2D radiography and the unique features
  and benefits of limited FOV, high-resolution CBCT in endodontics.
- Understand how volumetric analysis can aid in visualizing the true
  nature of periapical pathosis when contradictory clinical signs and
  symptoms are present.
- Learn about segmentation and fusion of other imaging modalities
to enhance treatment possibilities.

Abstract
Endodontic disease adversely affects quality of life and can produce
significant morbidity in afflicted patients. Endodontic therapy
depends on diagnostic radiographs and image-guided treatment.
Periapical and panoramic radiography have been augmented by
the recent introduction of limited field of view (FOV) high-resolution
CBCT, allowing three-dimensional assessment of odontogenic and
non-odontogenic lesions, root canal morphology, revision treatment,
root and alveolar fractures, resorptive lesions, outcomes and anatomy
prior to surgery. This lecture will highlight the advantages of CBCT
imaging in light of recent research demonstrating a significant
increase in lesion visualization when compared with periapical
radiographs.
Problems and Solutions in Complete Dentures
Gülbahar Işık Özkol (Turkey)

Time: 9:00-10:00
Room: Emirgan
Language: Turkish
Chairperson: Seçil Karakoca Nemli
CERP: 1

Learning Objectives
After this individual session the dental professional should be able to identify the problems affecting treatment outcomes for edentulous patients and describe the solutions for successful complete denture cases.

Abstract
Although the number of adults losing their natural teeth is decreasing, the proportion of edentulous adults aged 65 years and older are still high in the population. The rehabilitation of edentulous patients with complete denture is one of the fundamental problems in the clinical prosthetic management of elderly patients. The loss of a body part has not only physical consequences but also psychological consequences. To resolve the problems in complete denture it is not only necessary to be trained from the technical standpoint but also to be able to listen to the patient and interpret patient’s wishes. This lecture will present a brief review and discussion of problems and solutions to the most common issues affecting the success of complete dentures.

Panel Discussion - Advances in Digital Imaging
M. Akif Sümbüloğlu (Turkey)
Güniz Baksı Şen (Turkey)
Ali Sinan Horasan (Turkey)

Time: 9:00-11:00
Room: Üsküdar
Language: Turkish
Chairperson: Tamer Erdem
CERP: 2

The Importance of Dental Volumetric Tomography in Surgical Applications
DVT Imaging in Oral and Maxillofacial Surgery
M. Akif Sümbüloğlu (Turkey)

Learning Objectives
The aim of this presentation is to discuss some of the stated applications of DVT compared with conventional projection imaging and medical CT in oral and maxillofacial surgery.

Abstract
Imaging plays an important role in oral and maxillofacial surgery diagnosis and treatment planning. CT is used extensively in maxillofacial surgery for diagnosing osseous lesions and deformities, pre-operative planning of surgical interventions, intra-operative surgical navigation and fabrication of surgical stents and implants. In the last decade, a CT system specifically dedicated to the maxillofacial region has been developed and has become increasingly popular. These so-called cone beam CT (CBCT) or Dental Volumetric Tomography (DVT) scanners capture the entire maxillofacial region by a single rotation of the X-ray tube and detector around the patient’s head while providing sub-millimeter resolution. The aim of this presentation is to discuss some of the stated applications of DVT in oral and maxillofacial surgery.
The Different Clinical Applications of Dental Volumetric Tomography

Various Clinical Applications of Cone-Beam CT
Güniz Baksi Şen (Turkey)

Learning Objectives
- An understanding of the operation of CBCT
- An understanding of justification and optimisation of exposures for various clinical tasks
- An understanding of radiation doses associated with CBCT
- An understanding of the CBCT equipment factors that can be adjusted for specific clinical tasks

Abstract
Cone-beam CT is an imaging technology that has revolutionised dental imaging in the last decade. CBCT may offer a widespread therapeutic potential, including possibilities for surgical guidance and treatment via CAD/CAM solutions for crown and bridgework on teeth or implants. CBCT imaging could be justified for specific indications including jaw bone and maxillofacial surgery, endodontic retreatment, trauma, jaw bone lesions and TMJ pathology. The value of CBCT is high particularly with regard to improving the patient outcomes as long as care is taken in the optimisation of the exposures.

This lecture aims to provide:
1. an overview of the fundamental principles of operation of CBCT;
2. an understanding of ‘task specific’ equipment, image selection and image display modes.

Implant Radiology
Ali Sinan Horasan (Turkey)

Learning Objectives
- Digital volumetric tomography in implant surgery
- Cross-sectional and three dimensional interpretation
- Anatomic variations
- Factors influencing tomographic imaging
- Low radiation dose and field of view
- Height and width measurements for dental implants in tomography
- Tomographic planning in maxillary sinus augmentation

Abstract
Dental implants have become the most important materials in prosthetic rehabilitation. Treatment options provided by these systems have also led to a dramatic increase in patients’ quality of life which popularized their use among practitioners. The characteristics of the surgical planning in such cases required simultaneous development in advanced imaging techniques due to the presence of anatomic variations and inadequacy of conventional radiology. Consequently, dental professionals caught widely unprepared to an informational tide that requires computational skills, the ability of three dimensional interpretation and significant knowledge concerning the drawbacks of imaging modalities. The aim of this presentation is to provide an overview of dental implant radiology with special emphasis to the importance of ionizing radiation, cross-sectional imaging and anatomical variations.
**Diastema**
Derya Germeç Çakan (Turkey)
Uğur Erdemir (Turkey)

Time: 10:00-11:00
Room: Emirgan
Language: Turkish
Chairperson: Sema Yıldırım
CERP: 1

**Orthodontic Approaches in the Management of Diastema**
Derya Germeç Çakan (Turkey)

**Learning Objectives**
- To recognize the etiology of diastema
- To be aware of different orthodontic and interdisciplinary approaches to treat diastema
- To understand the potential of relapse after orthodontic diastema closure

**Abstract**
Diastema, spacing between teeth, is a normal feature of development during primary and mixed dentition. However in permanent dentition, it is considered as a problem necessitating treatment mainly because of esthetic, psychological and functional reasons. Generalized or midline diastema may be caused by several factors such as inheritance, tooth size discrepancies, habits, abnormal frenum attachment, etc. The treatment of diastema varies and depends on the correct diagnosis of the etiology. In some patients, orthodontic treatment alone may provide esthetic, functional and stable results whereas others may require interdisciplinary approaches. This lecture will focus on case presentations and also discuss the stability of diastema management.

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**Diastema Closure: Interdisciplinary Approaches**
Diastema Closure
Uğur Erdemir (Turkey)

**Learning Objectives**
Interdisciplinary treatment approaches has become increasingly necessary for the dental professionals for the treatment of complex clinical cases. In this lecture, necessity of the interdisciplinary approaches for the diastema closure and clinical protocol for the esthetic reconstruction of complex clinical cases will be discussed.

**Abstract**
Diatemas could be defined as gaps or spaces between two or more teeth in the same arch. These spaces could be due to multifactorial etiology and can negatively affect the dentofacial harmony and smile of the patients. In some situation, closure of interdental spaces can be achieved by using silicone guide technique or using direct proximal build-ups with resin composites. However, in some of the situation it’s not possible to correction of diastemas for the desired esthetic and smile without multidisciplinary interventions such as orthodontics and/or periodontology that neither of the disciplines is able to correct alone. In this presentation an interdisciplinary treatment approaches with integrated orthodontic, periodontal, and restorative solution for the treatment of diastemas will be demonstrated.
Decision Making: Keep the Tooth or Place an Implant, Complications Associated with Implants and with Teeth
Christian Berger (Germany)

**Time:** 11:30-12:30  
**Room:** Harbiye  
**Language:** English  
**Chairperson:** Selim Ersanlı  
**CERP:** 1

**Learning Objectives**  
The scientific development in dentistry has led to a significant increase of therapeutic options. Complications occur with implants as well and almost as often as with teeth.  
**Tooth versus Implant**  
**Tooth loss versus Implant loss**  
**Periodontitis versus Periimplantitis**  
**Caries versus Technical Problems**  
**Prosthetic and Functional Problems**  
There is an Euphoria about implants, but what do we really know today?

**Abstract**  
Even though survival rate of Implants can be referred to as high, biological and technical complications occur. This means that a remarkable proportion of treatment time has to be accepted by patient, dentist, insurance and society in general in order to repair and maintain already fixed restorations. Up to now, there are few studies existing over a 10-year-run and more, therefore, little can be said about the data interpretation for several specific fabrication models after this time frame.  
More and more, patients nowadays will not be treated by one single dentist only but by different specialists. There is to pay close attention that therapeutic options are not to be judged solely by the dentist’s individual therapeutic spectrum.

Potentially Malignant and Malignant Disease of the Mouth – a Worldwide Problem
Stephen Porter (United Kingdom)

**Time:** 11:30-12:30  
**Room:** Çamlıca  
**Language:** English  
**Chairperson:** Hakan Özyuvacı  
**CERP:** 1

**Learning Objectives**  
Oral cancer remains a global health problem  
Risk factors now includes sexually acquired human papillomavirus  
Oral cancer is sometimes preceded by clinically apparent potentially malignant disease  
Delay in recognition will adversely affect outcomes  
The 5 year survival of affected patients remains ~50%  
Oral health care staff have essential roles in the prevention and diagnosis of oral cancer

**Abstract**  
Cancer remains the most significant disorder of the mouth. Each year many thousands of persons are found to have an oral malignancy that without treatment will lead to early death. Recent trends include the emergence of a cohort of young adults with oral cancer unrelated to tobacco and/or alcohol use and more effective therapies of primary disease. Nevertheless the survival rate of patients has not improved in the past few decades. This presentation will review the clinical features, epidemiological trends, diagnosis, therapy and complications of treatment of common potentially malignant disease of the oral mucosa.
Anterior Maxilla Challenges and Solutions
Kaveh Seyedan (Iran)

Time: 11:30-12:30
Room: Beylerbeyi
Language: English
Chairperson: Duygu İlhan
CERP: 1

Learning Objectives
Participants must be able to recognize restorative and surgical problems in the upper anterior region of oral cavity the solutions and complications. Single tooth implants preserving bone and soft tissue technique with immediate loading and temporary restorations are described in detail. Number of implants in the anterior Maxilla, beside advanced techniques to overcome vertical and horizontal bone loss would be described.

Abstract
The increasing demand for esthetic restorations can be met partly with any one of the various PFM or in a better way with all-ceramic systems currently available, because absence of metal allows light transmission through the restoration and permits a close match to the natural dentition. This principle is also applicable to restorations upon dental implants. However, the esthetic value of a cosmetic restoration may be compromised by other factors contributing to the composition of a pleasing smile, such as amount of gingival display, gingival architecture, clinical crown dimensions, and tooth position. Presurgical planning, implant positioning, soft tissue management, esthetic bone grafting, provisionalization, and prosthetic management are the treatment considerations that affect the treatment outcomes...

How Do Digital Impressions Make Life Easy in the Clinic?
Mete Fanuscu (Turkey)

Time: 11:30-12:30
Room: Emirgan
Language: Turkish
Chairperson: Serdar Üşümez
CERP: 1

Learning Objectives
Upon completion of this presentation, participants should be able to:
- Understand accuracy parameters and efficiency guidelines in dental impressions,
- Differentiate risks and benefits for digital vs. analog impressions,
- Explain streamlining therapeutic protocols and ceramic material choices in the clinic,
- Discuss cost issues for the practitioner and the patient.

Abstract
Advent of digital technology has steadily been impacting the dental protocols in the last two decades. Some of the traditional ways can now be replaced effectively with digital methods. In this transitioning era it is the clinicians’ responsibility to decide when, why and how to use digital impressions. There are two main issues regarding dental impressions; accuracy and efficiency. Research and personal clinical experience reveal that respectable results can be achieved with optimal use of digital impressing when accuracy parameters and efficiency guidelines are taken into consideration.
In this presentation various cases will be discussed to demonstrate the decision making process for predictable digital protocols. These streamlined protocols comprise factors ranging from tooth preparation to ceramic material selection and to overall cost issues.
Clinical Problems Associated with Zirconia Restorations
Atilla Sertgöz (Turkey)

Time: 11:30-12:30
Room: Üsküdar
Language: Turkish
Chairperson: Remzi Nigiz
CERP: 1

Learning Objectives
The objective of the presentation is to discuss several in vitro and in vivo studies regarding the performance of zirconia restorations in combination with clinical cases emphasizing on the possible scientific and clinical concerns that may affect the functional, biological, and esthetic long-term outcomes.

Abstract
The properties of traditional ceramic materials, however, have limited their use to single crowns; larger restorations have been inadvisable because of insufficient strength. In attempts to meet the requirements for dental materials and improve strength and toughness, several new ceramic materials and techniques have been developed during the past few decades. The most recently developed core ceramic is the yttria-stabilized tetragonal zirconia polycrystals. Nevertheless, chipping of the veneering porcelain on zirconia-based restorations has been reported as one of the major complications. Various approaches for overcoming this problem are currently being developed. This presentation reviews the current literature on dental zirconia with respect to survival, properties, marginal fit, cementation, aesthetics and suggests clinical recommendations for their use.

Saturday 31 August
Mid-day sessions 12:45-13:45

Meet-the-Expert
Anterior Esthetics
Developing the Soft Tissue Transition Zone for Esthetic Implants
Marius Steigman (Germany)

Time: 12:45-13:45
Room: B325
Language: English
CERP: 1

Meet-the-Expert
How to Prepare the Office to Deal with Dental Emergency
Hani A. Salam (Canada)

Time: 12:45-13:45
Room: B326
Language: English
CERP: 1
Host Modulation Therapy in Periodontology
Alpdoğan Kantarcı (USA)

Learning Objectives
- Understand the basic mechanisms of inflammatory processes in periodontal tissues
- Explore the pathways for resolution of inflammation
- Study the therapeutic approaches for resolution of inflammatory processes in periodontal and oral diseases

Abstract
Inflammation-resolving processes limit and prevent tissue injury and the further progression of acute inflammation into chronic inflammation. When tissue injury is mild and confined, necrotic cells will be replaced by new cells by “regeneration”. If tissue damage is extensive, the process of healing is “repair”. Fibrin is not cleared rapidly and efficiently after the acute phase of inflammation and granulation tissue is formed from surrounding tissue compartments. The induction and resolution of inflammation processes are concurrent phases in chronic inflammation and such pathologies should be defined as “continuous” inflammatory diseases rather than independent stages. This lecture will focus on how emerging field of “pro-resolution therapeutics” can be used as a part of the treatment for periodontal and inflammatory diseases.

Periodontal Considerations for Implant Treatment
Binnaz Leblebicioğlu (USA)

Learning Objectives
- Define diagnostic parameters used to evaluate a periodontally involved case for implant supported restoration.
- Define various steps involved in treatment planning for single, multiple tooth replacement and total oral rehabilitation for periodontally involved cases.
- Define peri-implant/periodontal tissue characteristics and their effect on short and long-term success.

Abstract
Treatment of existing periodontal disease is a pre-request. Significant deficiency in soft/hard tissue levels with residual thin biotype and scarred structures generally co-exist. In addition, most of related cases present secondary occlusal trauma due to reduced periodontium. Treatment plan related to implant supported restoration should include detail examination of edentulous site as well as remaining dentition in relation to periodontal/peri-implant health. Similarly, peri-implant healing presents significant differences compared to healing of periodontally intact tissues. Sufficient peri-implant soft/hard tissue should exist to tolerate healing related challenges. This presentation aims to define differences between periodontally intact and reduced dentitions in implant treatment.
Obtaining Natural Tooth Color through Bleaching Procedure without Sensitivity
Sevil Gürgan (Turkey)

Time: 14:00-15:00
Room: Emirgan
Language: Turkish
Chairperson: Necmi Gökay
CERP: 1

Learning Objectives
To review current knowledge of tooth whitening and the possible side effects and discuss some tips to overcome these problems.

Abstract
Since bright and white teeth is one of the most important attributes of a youthful image, cosmetic smile enhancement and TOOTH BLEACHING has become dentistry's most requested procedure with an increase in the last years. Today, tooth bleaching is a routine and effective treatment modality that can significantly change the appearance of teeth and may represent a more conservative first approach for many cosmetic conditions. A variety of bleaching agents, concentrations, application durations, techniques and activation methods with improved properties and advantages are currently available for dentists and patients. When suggesting a professionally administered bleaching option, clinicians must be aware of the variety of options currently available, their applications, possible advantage and disadvantages, complications and precautions.

Technical and Clinical Mistakes/Failures in Fixed Dentures
Ebru Çal (Turkey)

Time: 14:00-15:00
Room: Üsküdar
Language: Turkish
Chairperson: Cemal Aydın
CERP: 1

Learning Objectives
Clinical and technical complications related to fixed partial dentures lead to the replacement of restorations. In the presentation, avoiding clinical and technical failures like caries, defective margins, loss of tooth vitality, periodontal disease progression, abutment tooth fractures, fractures of the veneering or framework material and material worn through occlusal part of the restorations will be discussed in detail and related cases will be shown.

Abstract
Survival rate of restorations are important when comparing the effectiveness of different treatment strategies for the replacement of missing teeth. Although long term success and survival of fixed partial dentures depend on the variety of techniques and materials used in constructing them, the longevity and complication rate will be influenced by the level of skills and knowledge of the clinician. Clinical complications include caries, defective margins, loss of tooth vitality and periodontal disease progression while technical failures comprise abutment tooth fractures, fractures of the veneering or framework material and material worn through occlusal part of the restorations. Cases related to mistakes/failures about fixed partial dentures will be shown and discussed in the presentation.
Orthognathic Surgery and Facial Aesthetics
Mehmet Manisali (United Kingdom)

Time: 15:30-16:30
Room: Harbiye
Language: English
Chairperson: Nejat Erverdi
CERP: 1

Learning Objectives
- To study the relationship between orthognathic surgery and aesthetic changes
- To be able to avoid unwanted negative aesthetic changes associated with orthognathic surgery

Abstract
Orthognathic surgery has a significant power to change facial aesthetics when planned well, in addition to improving function in terms of efficacy of mastication. There can be significant benefit in terms of aesthetics in a young adult, as well as other lessons. Although the overall change is often a beneficial one there are potential pitfalls, in particular an unwanted negative effect on the nasal appearance. This talk will deal with potential benefits and pitfalls in relation to aesthetics associated with orthognathic surgery.

Oral Cancer: Prognostic Factors
Susana Vazquez (Uruguay)

Time: 15:30-16:30
Room: Çamlıca
Language: English
Chairperson: Filiz Pekiner
CERP: 1

Learning Objectives
Assessment of the prognostic factors, such as, T stage, N stage, neck dissection, ASA score, histological differentiation, depth and pattern of invasion, skin, bone, vascular and neural invasion, surgical margins status, tumor thickness, loco regional recurrence, clinicopathologic and genomic and molecular markers, and management. The objective of this study was to clarify the role of each one of them.

Abstract
Oral cancer is the sixth most common cancer worldwide, representing 48% of head and neck malignancy cases, and 90% of these are oral squamous cell carcinoma (OSCC). The 5-year survival rate of OSCC patients is less than 50%, with no improvements made over the past 40 years. Neck metastasis is the most significant factor responsible for death from OSCC, reducing survival rate by more than one-half. These patients are also at risk of developing second primary tumors. Risk factors, diameter of the primary tumor, distance to the mid-line, T and N stage, surgical margins, histological grade, post-operative radiotherapy are analyzed in order to demonstrate that it is necessary to use other markers (genomic) to improve the accuracy of the prognosis.
Evidence Based Dentistry - Implementation to Clinical Practice
Cansu Alpaslan (Turkey)
Haldun İlpikçioğlu (Turkey)
Gökhan Alpaslan (Turkey)

Time: 15:30-16:30
Room: Beylerbeyi
Language: Turkish
Chairperson: Cansu Alpaslan
CERP: 1

Evidence Based Dentistry: General Remarks
Definition and the Need for Evidence-Based Dentistry (EBD), Evidence Hierarchy and the Steps of EBD Process
Cansu Alpaslan (Turkey)

Learning Objectives
- To have a global understanding of EBD
- To understand the need of EBD in clinical dental practice
- To learn the evidence hierarchy
- How to find the best evidence and implement in clinical practice

Abstract
Today we can reach too much scientific information, but we have too little time and, finding high quality information is often not easy. Furthermore, the information we obtain does not ease our clinical decision making rather sometimes it creates confusion because of the contradictory findings in scientific studies. Reaching high quality scientific studies provides a reliable foundation in decision making process. For a specific clinical question, current best evidence means the highest level of evidence. To understand and to find the current best evidence, dental professionals should refer the evidence pyramid and, select the highest level of studies related with the specific clinical problem of their patient while making clinical decisions.

Evidence Based Oral Implantology
Searching the Best Evidence and the Study Clubs
Haldun İlpikçioğlu (Turkey)

Learning Objectives
How to find the best evidence in dental implantology and the role of the study clubs for this purpose.

Abstract
In this lecture, the systematic methods that used to find the best evidences in dental implantology will be discussed. Also some the main principles of Evidence Based Dentistry and Dental Implantology will be highlighted. Formulating an answerable question, searching the literature, appraising the literature critically, applying the result to clinical practice and evaluating the outcomes of the applied evidence in clinical practice will also be explained. Apart from those, the role of the study clubs in Evidence Based Implantology will be discussed.

Evidence Based Oral Surgery
Gökhan Alpaslan (Turkey)

Learning Objectives
- Introducing Practitioner PubMed
- Searching for Systematic Reviews
- Combining Search Terms
- MeSH Search

Abstract
Managing sophisticated patient needs and demands is dental practitioners’ daily routine challenge. On the other hand keeping the advances in dentistry and medical dental sciences up to date, following the current techniques and relevant literature and applying knowledge to practice should be among dentists’ priorities. Evidence-based dentistry is the practice of dentistry that integrates the best available evidence with clinical experience and patient preference in making clinical decisions. In the present workshop, practitioner will be briefly introduced with the philosophy and concept of evidence based dentistry that will provide a sound base for the practitioners’ future approaches.
Which Possibilities Do We Have in Remineralization?
Hande Şar Sancaklı (Turkey)

Time:       15:30-16:30  
Room:       Emirgan  
Language:   Turkish  
Chairperson: Sami Büyükgökçesu  
CERP:       1

**Learning Objectives**
Remineralization is a natural self-treating process for initial enamel caries lesions within inclusion of calcium/phosphate ions induced by fluoride to enhance and maintain a recrystallized enamel subsurface. Within the changing concepts through providing optimal oral health with reduced caries incidence, remineralization concept should be a promising first step treatment choice that a modern day dentist should address.

**Abstract**
Subsurface enamel caries is a reversible phase with no visible cavitation of intact surface. Recent developments in early caries detection systems raise the possibility of early detection with a non-surgical, non-invasive treatment of incipient enamel caries by reversing the demineralization process. Contemporary remineralization products containing fluoride and other Calcium products with local mechanism provide an effective pathway for treatments of enamel caries. A new era in dentistry should undoubtedly follow the biological and the nature of the mechanism of healing process of dental caries with minimal invasive dentistry requirement.

Interactive Case Discussion 4
Ufuk Toygar Memikoğlu (Turkey)  
Betül Kargül (Turkey)

Time:       15:30-16:30  
Room:       Üsküdar  
Language:   Turkish  
Chairperson: Semih Özbayrak  
CERP:       1

**Orthodontic Approaches in Obstructive Sleep Apnea: Report of a Case & Clinical Considerations**
Pediatric Obstructive Sleep Apnea  
Ufuk Toygar Memikoğlu (Turkey)

**Learning Objectives**
Dentists should know mandibular retrognathia and accompanying retruded tongue position may cause upper airway obstruction in the growing patients. Mandibular retrognathia patients, especially who were snoring should be examined for their Sleep Disordered Breathing (SDB) at clinics. If needed, dentists should either treat or refer to a specialist such as ENT, pediatrician or sleep specialist.

**Abstract**
AIM: A significant relationship was observed between changes in nasopharyngeal airway size and mandibular retrognathia. The aim of this report is demonstrate the changes on airway dimensions after orthopedic treatment.

SUBJECT and METHOD: A 9 year-old girl applied for orthodontic treatment. Initial examination revealed a skeletal Class II malocclusion with a retrognathic mandible. The patient had a history of snoring and difficulty in breathing. The primary treatment objectives were to improve sagittal relationship with stimulation of mandibular growth.

RESULTS: After treatment, she had normal relationship between maxilla and mandible. Apnea-hipopnea index (AHI) has reduced.

CONCLUSION: Cephalometric tracings showed favorable skeletal changes in both jaws, as expected in a growing patient, with mandibular growth. And snoring was reduced with the treatment.
Application of the Minimum Intervention (MI) - Treatment Plan into Daily Clinical Practice
Betül Kargül (Turkey)

Learning Objectives
Minimal intervention approach involves early detection of lesions as early as possible, risk assessment and minimally invasive treatment options. However, when the effects of the disease are present, in this case the least invasive techniques such as fissure sealants, preventive resin restoration aimed at conserving the maximum amount of sound tissue with minimal cavity preparation are utilized.

Abstract
Minimal intervention has the potential for dentists to apply a more conservative approach to caries treatment and simultaneously offer patients less invasive, health-oriented treatment options.

First basic principle is the remineralization of early carious lesions, supporting a biological approach for early surface lesions. The implementation of preventive strategies and early intervention of caries aimed at controlling the demineralization/remineralization cycle, the various agents that enhance and/or promote remineralization.

This presentation aims to give dental practitioners an overview of the concepts of minimal intervention treatment plan in order to help them into everyday clinical practice.

Role of Dental Assistant in Restorative Dentistry
Sami Büyükgökçesu (Turkey)

Time: 9:00-10:00
Room: Beyazıt
Language: Turkish
Chairperson: Yasemin Benderli Gökçe
CERP: 1

Learning Objectives
Providing an extended practical continuing dental education of dental auxiliary for modern restorative dentistry.

Abstract
Developments in the modern restorative and adhesive dentistry challenge the dentists and the dental auxiliary as well. Within the dental team, dental assistants are one of the most crucial cogs of the dental wheel. The profile of the dental assistant team should be consistent with the dentists leading to a successful dental treatment and thus providing an optimal oral health for the patients. Contemporary trends in the restorative dentistry require an extended role of dental assistants starting from scheduling appointments to handling instruments and materials during the treatment procedure. The lecture will cover dental practical developments and requirements needed for the restorative treatments.
Sterilization Strategies
Güven Külekçi (Turkey)

Time: 10:00-11:00
Room: Beyazıt
Language: Turkish
Chairperson: Uğur Ergin
CERP: 1

Learning Objectives
After the completion of this conference attendees will be able to:
- Answer some frequently asked questions about instrument processing
- Describe the importance of correctly completing the entire sterilization process

Abstract
Sterilization is the most important part in standard infection control. Regardless of the risk level as critical or semi-critical category, all heat tolerant dental instruments should be sterilized. Steam sterilization is the preferred method of sterilization for re-usable dental instruments. All surfaces of the instrument must be contact with dry saturated steam at the required temperature, for the requisite time, in the absence of air. The sterilizer must be periodically tested to ensure that the parameters established at installation are still valid. Instruments must be cleaned prior to sterilization, because steam cannot remove any debris. Washer-disinfector must preferred to ultrasonic or manual cleaning for use in instrument cleaning.

Role of Dental Assistant in Orthodontics
Sönmez Fıratlı (Turkey)

Time: 11:30-12:30
Room: Beyazıt
Language: Turkish
Chairperson: Zafer Sarı
CERP: 1

Learning Objectives
- To define a dental assistant’s duty in an orthodontic office,
- To realize the importance of infection control in the orthodontic clinic,
- To learn the basic principles of dental assisting profession in orthodontic practice.

Abstract
Dental assistants increase the efficiency of the orthodontist and are valuable members of the dental care team. They assist the orthodontist during a variety of treatment procedures such as infection control protocols, preparing and sterilizing instruments and equipments, helping the dentist taking and developing dental radiographs and taking impressions of patients’ teeth, teaching patients oral hygiene procedures and etc. In this presentation, the responsibility of dental assistant in the dental team is emphasized by explaining the importance of sterilization in dentistry. What to do to obtain infection control in the orthodontic practice is described. The rules to be followed in daily orthodontic practice are pointed out.
Assistance in Oral and Maxillofacial Surgery
Mehmet Yaltırık (Turkey)

Time: 14:00-16:30
Room: Beyazıt
Language: Turkish
Chairperson: Ümit Ertaş
CERP: 2.5

Learning Objectives
Oral surgery assistants also must monitor patients following surgery and give them post-operative care instructions. These health care professionals additionally can take and develop dental radiographs, prepare prescriptions, maintain inventories of supplies, write in patients’ treatment charts and prepare patient consent forms regarding surgery and the use of anesthesia. Oral surgery assistants might have to schedule patient appointments as well.

Abstract
Oral surgery assistants are specialized dental assistants who help with surgical procedures that treat the teeth and tissues of the mouth. Oral surgeons’ procedures can include tooth extractions, jaw surgery, reshaping of the gum or dental implants to replace missing teeth. Oral surgery assistants are responsible for preparing surgery areas and patients for operations. Their duties include taking and recording a patient’s vital signs such as blood pressure and respiration rate. They additionally assist surgeons with general anesthesia and intravenous sedation procedures. During treatment, oral surgery assistants transfer surgical instruments to oral surgeons and prepare surgical dressings. They also retract a patient’s cheek or lip as necessary so the dentist can view the surgical area, and they perform suctioning to keep the patient’s mouth dry and clear.

Conflict of Interest

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<td>Dr. Daniel M. Meyer</td>
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<td>Prof. Nikolaos Donos</td>
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Invited Speakers Profile

Abbas, Tarek
Page: 79
Professor of Oral and Maxillofacial Surgery, Faculty of Oral and Dental Medicine, Cairo University.
Founding Dean and Head of Council, Faculty of Dentistry at the British University in Egypt.
President of the Egyptian Dental Association (EDA).
Chief Editor of the Egyptian Dental Journal.

Aliyeva, Rena
Page: 79

Alpaslan, Cansu
Page: 168
Dr. Cansu Alpaslan is full-time Professor in the Department of Oral Surgery of Gazi University. Worked in different universities in Japan, Germany, Netherlands and USA as visiting researcher and fellow. Dr. Alpaslan has been teaching evidence-based dentistry since 2003, and fostering EBD to be known and implemented by dentists through different activities by giving lectures and carrying out European projects.

Alpaslan, Gökhan
Page: 169

Altay, Ayşe Nil
Page: 59

Anıl, Ata
Page: 81, 84
Ata Anıl is a lecturer of Esthetics Master Program of University of Steinbeis(Germany) and lecturer of Implant Education Program of Chamber of German Dentists. Dr. Anıl is the President of the Turkish Academy of Aesthetic Dentistry and representative of the German Association of Implantology to Turkey for Implantology Education Program. He is an honorary member of the German Association of Oral Surgery, BDO.
Antonson, Sibel
Page: 76, 95
Director of Education and Professional Services, Ivoclar Vivadent, and Clinical Associate Professor and Director of Dental Biomaterials, SUNY at University of Buffalo.
D.D.S, Ph.D: University of Hacettepe, College of Dentistry M.B.A.: Nova Southeastern University, Huizenga School of Business and Entrepreneurship.

Arisan, Volkan
Page: 82
Volkan Arısan was graduated from Istanbul University, Faculty of Dentistry in 1998. His doctoral thesis was completed in 2006. He published many papers and internationally lectured about computer guided implant surgery and relevant topics. In 2011, he was appointed to an associate professorship and currently, he is the department chair of Oral Implantology, Faculty of Dentistry in Istanbul University.

Aslan, Serhat
Page: 104
Dr. Serhat Aslan graduated from Ege University, Faculty of Dentistry in 2010. Since then he is a PhD student at Ege University, Faculty of Dentistry, Department of Periodontology. Periodontal plastic surgery, guided tissue and bone regeneration are his main research topics. In 2009, he was a visitor at Universidade do Porto, Faculdade Medicina Dentaria for 4 months. Currently, he is a member of Turkish Society of Periodontology, Turkish Dental Association and International Team for Implantology.

Aydin, Cemal
Page: 88, 165
Prof. Dr. Cemal Aydın was born in 1962. He graduated from Gazi University Faculty of Dentistry in 1986, got PhD degree in 1994 at the Prosthodontics. He assumed the title of Professor in 2005. Currently he is the chair of Prosthodontic Department of Gazi University Faculty of Dentistry. His main working areas are implantology, maxillofacial prosthetics, and esthetic dentistry.

Arora, Vimal
Page: 26
Lt Gen Vimal Arora, VSM & Bar, Director General Dental Services & Colonel Commandant Army Dental Corps, India

Aydin, Murat
Page: 68
Murat Aydin graduated from Marmara University Faculty of Dentistry in 1978. He received Dr.Med.Dent. academic title at Istanbul University in 1985. Became ‘Associate Professor’ in 1990 and ‘Professor’ in 1996. He was the Head of Department of Fixed Prosthodontics at Istanbul University Faculty of Dentistry between the years 2000-2011. He is married with Dentist Oya Çeliksoy and has two sons.

Armitage, Gary
Page: 98
Gary C. Armitage, DDS, MS, FACD, FADI is the R. Earl Robinson Distinguished Professor of Periodontology at the University of California San Francisco. His research interests include the microbiology, diagnosis, and treatment of periodontal infections. He has over 100 publications and has given presentations to research groups and periodontal societies throughout the United States, Europe, South America, and Asia.
Azaripour, Adriano
Page: 103
Dr Adriano Azaripour graduated from the Johannes Gutenberg University Mainz, Germany. He received his M.Sc in Periodontology from the German Society of Periodontology and had further specialist training in Periodontology and postgraduate training in Endodontology at the Department of Conservative Dentistry and Periodontology University of Mainz where he works as an Assistant Professor.

Bağış, Bora
Page: 107
Dr Bora Bağış is currently Head of the Department of Prosthodontics in İzmir Katip Çelebi University, Faculty of Dentistry. Dr Bağış is a member of European Prosthodontic Association, International College of Prosthodontists and International Association for Dental Research. He has authored more than 60 scientific articles in peer-reviewed journals. He serves also for the editorial boards of several scientific journals.

Baksı Şen, Güniz
Page: 152

Barac Furtinger, Vesna
Page: 74, 75
Dentist, specialized in preventive dentistry

Bartlett, David
Page: 41, 63
Professor David Bartlett is Head of Prosthodontics at Kings College London Dental Institute. David has published over 100 research publications, written 3 books, numerous chapters and grants in nearly reaching £2M. He is treasurer for the British Division of IADR and Chair of the SAC in Restorative Dentistry which co-ordinates specialist training in the UK. His expertise is internationally recognised particularly in research for erosion and the treatment of tooth wear.

Bellmann, Christine
Page: 104
After graduating from Faculty of Dentistry at Carl Gustav Carus University in Dresden, Germany she gained several years of practical experience in various dental clinics in Germany and worldwide. At the moment she is working as associate dentist in Edinburgh, UK. Her special interest is in the field of esthetic dentistry and implantology.
Berger, Christian
Page: 133, 156

Beuer, Florian
Page: 112, 148
1994-1999 Dental School at Ludwig Maximilians University Munich, Germany. 2000 Approbation (DDS) Ludwig Maximilians University. 2002 Assistant Professor Department of Prosthodontics, Ludwig Maximilians University. 2002 Dissertation (Dr. med. dent.) Ludwig Maximilians University 2005 Specialist in Implantology (German Society of Implantology). 2007 - 2008 Visiting Professor at Pacific Dental Institute, Portland, Oregon (Director: John A. Sorensen DMD, PhD). 2009 Habilitation (Priv. Doz., PhD) Ludwig Maximilians University. 2009 Associate Professor Department of Prosthodontics, Ludwig Maximilians University

Blanton, Patricia
Page: 74
Patricia L. Blanton, DDS, MS, PhD is a Professor Emeritus from Baylor College of Dentistry and a recognized expert in the field of head and neck anatomy and implantology. Dr. Blanton has published over 100 articles in peer-reviewed literature and has recently completed her tenure as President of the American College of Dentists and the Vice President of the American Dental Association.

Bourgeois, Denis
Page: 40, 43
Denis Bourgeois is Professor in Public Health, Dean of the Faculty of Dentistry and Vice President University Lyon. Past Chairman of the FDI Public Health Committee, he is currently FDI Director of Continuing Education in Africa. He worked at WHO, Geneva for 15 years and was director of the WHOCC for Research on Health Systems and Education in Oral Health.

Bühren, Astrid
Page: 75
Specialist in Psychosomatic Medicine and Psychotherapy, practice in Murnau. Honorary President German Medical Women’s Association, DÄB, President 1997-2009. Vice Chair of the assembly of representatives to the regional Association of Statutory Health Insurance Physicians Bavaria. Member of the Executive Board German Society of Gender Medicine, DGesGM. Board member of Hartmannbund - German Association of Physicians.

Büyüköçesu, Sami
Page: 128, 170, 173
Çal, Ebru
Page: 165
Ebru Çal, after graduating from American Collegiate Institute in İzmir, entered Ege University School of Dentistry and got all her degrees in the same faculty. Worked as a clinical-observer and researcher in Mayo Clinic during her residency. Became a Professor in the Department of Prosthodontics in 2011. Primarily interested in Adhesive Dentistry, Color and Geriatrics. Member of ICP, IADR and TPID. Married and has two children.

Canay, Şenay
Page: 136
1982 Graduated from the Faculty of Dentistry, Hacettepe University. 1982-87 PhD at the Department of Prosthodics of the same Faculty. 2001 Prof. Current: Member of the teaching staff at the same Faculty. Special areas of interest and expertise: Dental ceramics and aesthetics in implant-retained prosthesis. Member of the Turkish Prosthodontics and Implantology Society, European Prosthodontic Association and International College of Prosthodontists. Reviewer for the International Journal of Prosthodontics.

Cheung, William
Page: 72, 86, 144

Clark, Pam
Page: 73, 75
Pam Clark has been involved in a family owned dental business in Australia for over 25 years, following on from her career in teaching. During that time Pam Clark has been a director of the ADIA -Australian Dental Industry Association for 18 years, ADIA President and is still a Board member. Pam has also been a Board member of IDM – International Dental manufacturers Association for 10 years and IDM President. She is currently Immediate Past President of IDM. Pam has attended ISO – International Standards Organisation meetings for over 20 years as an Australian delegate.

Cochet, Jean-Yves G.
Page: 109, 132
Limited Practice in Endodontics in PARIS, Graduate in Endodontics, Biological Certificate, Formerly Assistant Professor: PARIS VII, Teaching in the post graduate programme PARIS VII, Visiting Professor Nova, South-eastern University Florida (USA), Past President of the French Endodontic Society (SFE), Past Treasurer of Internal Federation of Endodont Associations (IFEA), Recommended speaker in Endodontic Surgery by The American Association of Endodontists (AAE).

de la Court, Joris
Page: 30
CDR A.J. (Joris) de la Court Royal, Chief Dental Services Royal Netherlands Navy
de Sanctis, Massimo
Page: 125

Dermont, Mark
Page: 27
Sqn Ldr Mark Dermont BDS MPH MFGDP(UK) RAF, Dental Public Health, HQ Defence Dental Services UK

Dia-Tine, Soukèye
Page: 75
Scientific work: About forty publications in scientific journal. About fifty public speeches. 35 doctoral supervisions of Theses in dental surgery. Positions: Chairman of the finance committee in Odontology department of Dakar University. Head of Odontology department of the general hospital in Grand Yoff. President of the Senegalese association of women surgeon dentists. Member of the executive committee of the Senegalese National association of surgeon dentists. Member of the executive committee of the section Women World in Dentistry of the FDI.

Donos, Nikolaos
Page: 84
Professor Donos is the Head & Chair of Periodontology and the Director of Clinical Research at the UCL-Eastman Dental Institute, London. He leads the Clinical Investigation Center at the Eastman which specializes in the provision of RCTs. His research track record is mainly on GTR, GBR, implant dentistry as well as in the correlation of periodontal disease with other chronic diseases.

Duspara, Mirjana
Page: 75

Ehsani, Sara
Page: 105
Dr. Sara Ehsani graduated in July 2012 from Tehran University of Medical Sciences, Tehran, Iran. She currently enrolled in a one-year Advanced Implantology Preceptorship Program at UCLA School of Dentistry, Los Angeles, California, USA. Further activities of her are Local Scientific Officer of Tehran University of Medical Sciences and Member in Standing Committee on Research and Education, International Association of Dental Students (IADS) since September 2011.

El Maalouf, Elie Azar
Page: 79
President of the Lebanese Dental Association DCD, CES, DSO. Assistant Professor at the Lebanese University Dental School. Former Chairperson of the periodontology Department. Former Director of the post Graduate Program in Periodontology. President of the scientific Committee of the 11th International Dental Convention Lebanese University 2011. Former President of the Lebanese Society of Periodontology.
Elmer, Tim
Page: 28
Surg Cdr (D) Tim Elmer, SO1 Dental Public Health, HQ Defence Dental Services UK

Erdemir, Uğur
Page: 78, 155
Assoc. Prof. Dr. Uğur Erdemir has completed his graduate education in Istanbul University, Faculty of Dentistry in 1996. He became a research assistant in 2000 in the Istanbul University, Faculty of Dentistry Dept. of Operative Dentistry and in 2005 he got his Ph. D from the same department and he became an Assist. Prof. He became Assoc. Prof. in 2012.

Ergücü, Zeynep
Page: 60
Zeynep Ergücü is Professor in the Department of Restorative Dentistry. She graduated from Ege University. She received PhD degree in 2002. She was the recipient of IADR-CED Visiting Scholar Stipend in 2001 to study in a postdoctoral research project in Germany. Her research interests lie in the area of Cariology and Restorative Dentistry. She became a Professor in 2013.

Ersanlı, Selim
Page: 81
Selim Ersanlı D.D.S.Phd is graduated from Faculty of Dentistry, Istanbul University. He has a PhD Ddegree on Oral Implantology Department. His clinical practice is limited to Oral Implantology. His teaching responsibilities include implant surgery. He is a member of TOID and The International Team For Implantology (ITI). He is an active in local ITI Section activities (ITI Education Delegate) and executing of Istanbul-Study Club directorship.

Ersev, Handan
Page: 122
Dr. Handan Ersev graduated from Faculty of Dentistry, Istanbul University in 1988 and started her postgraduate training in 1989. She studied in Germany from 2003 to 2005. She received her Ph.D. degree in 1997 from Istanbul University. She became an associate professor in 2012 and is still working as an academic staff member in Department of Endodontics at Istanbul University.

Ersoy, Ersan
Page: 107
Dr. A. Ersan Ersoy graduated from the University of Ankara, earned his PhD degree in Prosthodontics in 1988. He became a Professor in 1996. He is currently the Head of the Department of Prosthodontics at the University of Ankara Faculty of Dentistry. He has published a collaborative book entitled ‘Dental Materials’ as well as numerous international and national articles.

Erverdi, Nejat
Page: 67
Graduated from Hacettepe University faculty of Dentistry, and completed the orthodontic programme in the same school. In 1987 attended to the Marmara university as an assistant professor. In 1994 attended as a full professor. Elected as the president of European orthodontic society.

Fanuscu, Mete
Page: 159
Graduated from Istanbul University in 1990, Dr. Fanuscu completed specialty training in Prosthodontics and subspecialty in Maxillofacial Prosthetics and Implants at University of California Los Angeles. He received ‘Young Scientist of the Year’ in ceramics and ‘Annual Implant Research Grant’ awards. Dr. Fanuscu was director of Advanced Dentistry at UCLA. Nowadays he practices in Istanbul and teaches part-time at UCLA.
Dr. Fıratlı has received a DDS from School of Dentistry, Istanbul University in 1984 and received a PhD from Health Sciences Institute, Istanbul University in 1991. Attended as an associate professor at 1996 and became a full professor at the year 2002. She has been also lecturing in the Oral&Dental Health Program of Vocational School of Health Services, Istanbul University since 2007.

Christopher Fox is the Executive Director of the International Association for Dental Research, a non-profit organization with over 12,000 individual members. He completed his dental, post-graduate and clinical studies at Harvard University, receiving a DMD, a Masters in Epidemiology, a Doctorate of Medical Sciences in Oral Biology and Oral Epidemiology, and completed residencies in Periodontology and Dental Public Health.

Prof. Dr. Maida Ganibegović – Selimović was born in Mostar. Graduated in Sarajevo. Postgraduate studies at London Hospital Medical College. Doctoral Dissertation at University of Sarajevo 1987., Phd., University Professor, President of Dental Association of Bosnia and Herzegovina, Expert in education. Member of FDI Science Committee and Bass Council. Published 3 books and 128 scientific papers. Editor in chief STOMATOLOGIABH www.usfbih.org.ba

Dr. Garip is Associate Professor in the Department of Oral and Maxillofacial Surgery at the Marmara University Faculty of Dentistry. He earned his Bachelor's Degree at Istanbul University Faculty of Dentistry in 1998 and his Doctor's Degree at the Marmara University Faculty of Dentistry Department of Oral and Maxillofacial Surgery in 2005. Dr. Garip's current research interests include: cysts of oral region, distraction osteogenesis, pain control and sedation.

Derya Germeç Çakan, graduated from Hacettepe University, Dental Faculty, is an Associate Professor of Yeditepe University in the field of orthodontics. Her principle areas of interest are cleft palate, craniofacial anomalies and interdisciplinary treatments. She published several clinical and research articles. She is a member of Turkish and European Orthodontic Society. She lectured in national and international meetings.
Glick, Michael
Page: 77
Michael Glick, DMD, Professor of Oral Medicine and Dean, School of Dental Medicine, University at Buffalo. Dr. Glick has authored more than 200 journal publications, numerous book chapters and has co-edited several textbooks. Dr. Glick serves as Chair for the Vision 2020 Task Team for FDI and is the Editor of The Journal of the American Dental Association.

Göktuğ, Gürkan
Page: 53
Dr. Gürkan Göktuğ received his DDS degree from Hacettepe University in 1992 in Turkey. He received his certificate of advanced graduate study in 2001 and DMD in 2008 from BUGSDM. He received the Residents’ Award for Teaching Excellence in 2006, 2007, 2009, 2010 and 2011. He has lectured nationally and internationally. He has published in peer-reviewed professional dental journals.

Gonzales, Theresa S.
Page: 74
Theresa S. Gonzales, DMD, MS, MSS is a board certified oral and maxillofacial pathologist and orofacial pain manager. She has authored over fifty scientific publications in peer-reviewed journals and was the recipient of the International College of Dentists Award for Excellence in Research. Currently, she is a Professor of Oral Pathology at the Medical University of South Carolina.

Gray, Andrew
Page: 28
Col Andrew Gray QHDS, BDS, MFGDP, Dip Def Stds, FADI, Director Defence Dental Services & Colonel Commandant Army Dental Corps, New Zealand

Guggenberger, Rainer
Page: 48
Dr. Rainer Guggenberger is Corporate Scientist at 3M ESPE in Seefeld, Germany and is responsible for technology and innovation. He had earned a PhD in Organic Chemistry from the University of Munich and looks back to 28 years of experience in development of dental materials, in technology management and dental science.

Gutknecht, Norbert
Page: 72, 85

Gürel, Galip
Page: 64
Dr. Galip Gürel graduated from the University of Istanbul, Dental School in 1981. He continued his education at the University of Kentucky, Department of Prosthodontics. Received his MSc degree from Yeditepe University in, Istanbul. Dr. Gürel is the founder and the honorary president of EDAD (Turkish Academy of Aesthetic Dentistry). He was the President of the European Academy of Esthetic Dentistry (EAED) for 2011 & 2012.
Gürgan, Sevil
Page: 164
Sevil Gürgan was graduated from the Hacettepe University School of Dentistry, Ankara, Turkey, in 1980. She got her Ph.D. degree in the Department of Restorative Dentistry of the same school in 1985 and became Associate Professor in 1988 and Professor in 1995. Currently she is professor at the same department.

Holmes, David LC
Page: 117
Dr. Holmes obtained his dental degree from the University of Sydney before moving to New York University (NYU). During the four years he spent at NYU he received a certificate in Implant Dentistry from the Department of Periodontology and Implant Dentistry, a Master of Science degree (Biomaterials and Biomimetics) and was assistant research scientist in the department of Biomaterials.

Horasan, Ali Sinan
Page: 153
Dr. Horasan graduated from the Istanbul University Faculty of Dentistry in 1990 and attended the PhD programme in the Department of Oral Diagnosis and Radiology. In 1997, he presented his thesis and obtained the title of “Dr. Med. Dent.” He contributed more than 30 published scientific articles as an author and he gave more than 100 oral presentations.

Hysi, Dorjan
Page: 79
President of the Albanian Dental Association and the Director of the Tirana University Dental Clinic. Graduated from the University of Tirana. He studied at the University of Texas, HSC, DB, at Houston in Dental Public Health. Master and doctoral degree from the University of Tirana. He worked for several years as the dental officer at the Ministry of Health.

Ismail, Amid
Page: 55
Dr. Amid I. Ismail, BDS, MPH, DrPH, MBA, is the Laura H. Carnell Professor and Dean at the Kornberg School of Dentistry, Temple University. Dr. Ismail has been an actively funded researcher for over 25 years with expertise in population-based studies, caries research, and interventions to reduce health disparities. He has received about $20 Million in funding throughout his research career. His expertise is in the field of measurement, outcomes assessment, design and planning for complex statistical analyses, survey methods, and organizational management. Dr. Ismail has received awards from the International Association for Dental Research (H. Trendley Dean Award), the Regents’ of the University of Michigan (Community Service), American Dental Association, and community organizations. He is a member of the International College of Dentistry and the Alpha Omega Fraternity.

İlhan, Duygu
Page: 44
Duygu İlhan graduated from Istanbul University of Dental Faculty in 1999. Receiving her PhD in periodontology, she has been practicing in her private clinic since 2005. She serves for Foreign Affairs committee of Turkish Dental Association, and Education committee of Istanbul Dental Chamber. She is an active member of TAP, EFP, IADR, IAP, Prevention Group in European Regional Organization, and FDI Communications and Member Support Committee. She has several presentations published through national and international congresses.

İplikçioğlu, Haldun
Page: 169
The area of expertise of Prof. Dr. İplikçioğlu is prosthodontics and dental implantology. He is a Fellow in International Team for Implantology (ITI) since 2001. He has also administrative tasks in this worldwide academic organization. He is one the members of the Section & the Membership Committee in ITI and he is the Chairman of ITI Section Turkey & Azerbaijan.
Işık Özkol, Gülbahar
Page: 150
Prof. Dr. Gülbahar Işık Özkol graduated in dentistry from the Istanbul University in Turkey, gained her PhD at the University of Bristol, England, in 1992, was awarded for research into rheology of dental materials at the Medical University of South Carolina, USA, in 1991, appointed in 1993 as Assistant Professor, in 1997 as Associate Professor and in 2006 as Professor of Prosthodontics at the Istanbul University.

İskender, Ülgür İsmail
Page: 31
Lieutenant Ülgür Ismail İskender Dental Officer Swiss Armed Forces.

Jayashantha, PLP
Page: 29
Wg Cmdr PLP Jayashantha, BDS, MSc, MD(Comm. Den.), Consultant in Community Dentistry Preventive Care Unit Dental Hospital Sri Lanka Air Force Colombo Sri Lanka

Jimenez, Luis Felipe
Page: 29
Com(S) Luis Felipe Jimenez, Policía de Investigaciones de Chile.

Johnson, Stuart
Page: 73
Stuart Johnson qualified from Cardiff University in 1972 and has worked in general practice to date. He became interested in dental representation early in his career and has held many senior post within the British Dental Association, including Chair of the Principal Executive Committee. Internationally he has been active within the EU and at world level with FDI. Within FDI he is currently Chair of Dental Practice Committee and lead the recent Dental Amalgam Task Team through the UNEP Mercury Treaty negotiations.

Kantarçı, Alpdoğan
Page: 162
Dr. Alpdoğan Kantarçı has D.D.S., Ph.D. (Istanbul University); is a certified specialist of Periodontology (C.A.G.S.; Boston University) and a Diplomate of the American Board of Periodontology. He is a faculty member at the Forsyth Institute and Harvard University School of Dental Medicine and serves as an Associate Professor at Boston University’s Henry Goldman School of Dental Medicine.

Karabucak, Bekir
Page: 51
Dr. Karabucak is Associate Professor/Clinician Educator and Director of post-graduate program in the Department of Endodontics. Dr. Karabucak serves as director of Advanced Dental Education in the School of Dental Medicine. He is involved with Endodontic courses/seminars in pre- and post-doctoral programs.

Karabuda, Cüneyt
Page: 80
Cüneyt Karabuda was graduated from Istanbul University, Faculty of Dentistry in 1990. His doctoral thesis was completed in 1997 about immediate implantation. He published many papers and internationally lectured about advanced surgical techniques in oral implantology. He has been working as a professor since 2009 in the Dept. of Oral Imp., Istanbul University.

Karaburçak, Can
Page: 140
Was born in Ankara in 1962. After graduating with BS degree she worked for financial sector in Turkey in years between 1985-2006. She was responsible from sales teams during most of her career. She, as an ICF professional coach (PCC), coaches and trains individuals and corporate teams since 2006. She is the founder and owner of Coaching House Ltd.
Kargül, Betül
Page: 172
After graduating from Marmara University Faculty of Dentistry in 1986, completed her PhD in Pedodontics in 1993. Attended scientific research in 1999 under Austrian Academic Exchange scholarship. Became a professor in 2004. Continued her career in UK under the Royal Collage scholarship in 2007. Prof. Kargul has won numerous awards and also chaired in international congresses. She was published more than 100 times and national and international journals and over 120 published abstracts.

Khoury, Fouad
Page: 118
DMD, St. Joseph University, Beirut. 1979-1994: Assistant and associate Professor, Department of OMFS, University of Muenster, Germany Spezialist in Oral Surgery & Doctorate in Dental Science, 1988: Habilitation. Since 1994: Full Professor at the University of Muenster, and Chairman of the Privatklinik Schloss Schellenstein, Olsberg, Germany. Member of Editorial Board of different journals. Several patents, more than 110 Publications, 3 Textbooks and 800 lectures / courses on Oral Surgery, Bone Grafting techniques and Soft Tissue management.

Kogan, Enrique
Page: 139
Graduate: Technological University of Mexico 1974-1978. Postgraduate studies: Fixed prosthetics-1978-1980 University of Missouri-Kansas City. 1980-2013 professor graduate and postgraduate Restorative area at Technological University of Mexico. Member of the Mexican Dental Association, Mexico City Association Of Prosthodontics (Founding Member), American Dental Association International College Of Dentists. He Participated in more than 100 Worldwide. Author of clinical and research articles.

Koka, Sreenivas
Page: 112, 118
Dr. Koka is Professor of Dentistry and former Chair of the Department of Dental Specialties at Mayo Clinic, Rochester, USA. He is the President-elect of the Academy of Prosthodontics, a member of the Editorial Advisory Board of the International Journal of Prosthodontics and Fellow of the American College of Prosthodontists. Dr. Koka received DDS and MS degrees from the University of Michigan, PhD degree from the University of Nebraska and MBA from the Massachusetts Institute of Technology (MIT).

Kulakov, Anatoliy
Page: 120
Prof. Kulakov received his Doctor of Dental Surgery degree in 1980 in Maxillo-Facial surgery, then received Doctorate in Implant Surgery in 1997 in the same institute. Dr. Anatoliy Kulakov is Honored Scientist of Russian Federation corresponding member of Russian Academy of Medical Science. He is Director of the Central Research Institute of Stomatology and Maxillo-Facial Surgery and worked there since 1976. Central Research Institute of Stomatology and Maxillo-Facial Surgery, Moscow, Russia.
Kunin, Anatoly

Page: 121

Doctor of Medical Science, Professor, the Director of Dentistry Institute, the Head of the Therapeutic Dentistry Department of Voronezh N.N. Burdenko State Medical Academy, a full member of Russian Laser Medical Academy, a full member of the International Academy of Authors of Scientific Inventions and Discoveries (author of 18 patents), a member of Russian Laser Academy of Sciences, a member of International Academy of Dentistry, the Head of European Dentistry (DPPPD) Department under the European Association for predictive, preventive and personalised medicine (EPMA), a honoured member of higher school. Medal “Excellent in Dentistry” of the 1st degree, the order “For special services to stomatology” of the 1st degree. He was awarded the diploma of Ministry of health of the RUSSIAN federation for the big contribution to the development of Dentistry.

Külekçi, Güven

Page: 174

Prof. Dr. Güven Külekçi graduated from Faculty of Dentistry, Istanbul University in 1976. She is head of Department of Basic Sciences. She is also a member of board and head of Anaerobe Working Group of Turkish Microbiological Society. Her lectures and dental researches are based on anaerobic bacteriology, oral microbiology and infection control in dentistry.

Kuraji, Nanae

Page: 75

Kyoung-sun, Kim,

Page: 75

Kim, Kyoung-Sun, DDS, MSD, Ph.D was the president of Korean women dental association, is now the vice president of the Korean academy of oral & maxillofacial implantology and the International congress of oral implantologist. She is the director of the smile charity foundation. She works for Han-do dental clinic.

Lamster, Ira

Page: 62, 97

Dr. Ira Lamster is Professor of Health Policy and Management at the Mailman School of Public Health. From 2001 until 2012 he was Dean of the Columbia University College of Dental Medicine, and from 2006 until 2012 he was Vice President of Columbia University Medical Center. His research has concentrated on diagnosis of oral disease, and oral manifestations of diabetes.

Leabourne, Trish

Page: 31

Lt Col Trish Leabourne, Assistant Director Defence Dental Services New Zealand Defence Force

Leblebicioğlu, Binnaz

Page: 116, 133, 163

Dr. Binnaz Leblebicioğlu has a certificate in Periodontics, MS and PhD degrees in Oral Biology. She is a diplomate for American Board of Periodontology. She is an associate professor at the Division of Periodontology, The Ohio State University. She teaches at graduate and pre-doctoral levels, practices Periodontics and Implant Dentistry. Her research is related to periodontal, peri-implant wound healing/treatment outcomes.

Leontyev, Valery

Page: 121

Levin, Martin D.
Page: 130, 149, 228
Dr. Levin is in private practice limited to endodontics in Washington, DC and Adjunct Associate Professor of Endodontics and Chair of the Dean's Council at the University of Pennsylvania. He is a contributor to Pathways of the Pulp, Ingle's Endodontics and Cone Beam CT: Oral and Maxillofacial Diagnosis and Applications, as well as numerous peer-reviewed publications. Dr. Levin is a Diplomate of the American Board of Endodontics and a member of the American Academy of Oral and Maxillofacial Radiology.

Lorenzoni, Martin
Page: 132, 133, 145
1993-1999 - University Assistant in Prosthodontics, University Dental Clinic, Karl-Franzens University of Graz
Since 1994 - Private Practice
May 1999 - PhD Thesis
Since October 1999 - Associate Professor,
Jan. 2007-Nov. 1999 - Vice-Chairman ÖGI (Austrian Society Implantology)
Nov. 2009-Nov. 2011 - Chairman ÖGI
Since November 2011 - past President ÖGI
More than 80 articles in peer-reviewed journals.

Luepke, Michael
Page: 26
Lt Col Michael Luepke, Department of Periodontology, Specialist Dental Centre, German Armed Forces Hospital of Hamburg, Hamburg, Germany

Lussi, Adrian
Page: 41, 83
Professor Adrian Lussi is Head of the Department of Preventive, Restorative and Pediatric Dentistry, University of Bern. He holds a master’s degree in chemical engineering and a doctorate in dentistry. His research has covered several aspects of erosion, caries diagnosis and minimally invasive preparation techniques in operative dentistry. He has published over 300 articles, edited three books, and has received numerous national and international awards for preventive dentistry and caries research.

Mahoney, Greg
Page: 29
Group Capt Greg Mahoney, Dental Public Health Specialist Royal Australian Air Force

Mahony, Derek
Page: 124
Derek Mahony is a world renowned Specialist Orthodontist who has spoken to thousands of practitioners about the benefits of interceptive orthodontic treatment. Early in his career Dr Mahony learned from leading clinicians the dramatic effect functional appliance therapy can afford patients in orthodontic treatment. He has been combining the fixed and functional appliance approach ever since.

Luchian, Ionut
Page: 105
Dr. Ionut Luchian received his DMD title from the Gr. T. Popa University of Medicine and Pharmacy, Iasi, Romania in 2009 and was awarded with a Diploma of Merit upon graduation. His education was completed with a Master Degree in 2011 and now he is doing his PhD and residency in Periodontology in the same university. Ionut Luchian was Chairman of the 56th IADS and YDW Annual World Dental Congress in 2009 and President of the International Association of Dental Students (IADS) for the term 2010-2011.
Manisali, Mehmet  
Page: 60, 166

Margvelashvilli, Vladimer  
Page: 79  
Prof. Vladimer Margvelashvili is a dentist with over 30 years of experience. He earned his degree of scientific candidacy in 1991 in Moscow, Russia. He then earned his PhD in 1997. Together with the clinical, scientific, and academic experience he manages Georgian Stomatological Association as a Secretary General and works for FDI - as a chair of CMSC.

Meyer, Daniel M.  
Page: 38  
Dr. Dan Meyer, D.D.S. is the Senior Vice President, Science/Professional Affairs for the American Dental Association at its headquarters in Chicago. Dan directs the American Dental Association's scientific activities, including the ADA's Evidence-based Dentistry Center, the Council on Scientific Affairs, ADA Product Evaluation Laboratories, Health Screening Program, Professional Product Review, Seal of Acceptance, and ISO/ANSI International Standard Programs. Dan is the scientific consultant and advisor to the FDI World Dental Federation.

Meyer, Georg B  
Page: 58, 65  
1976 Graduated from the University of Göttingen/Germany. Researcher/Instructor for Restorative Dentistry and Periodontology. 1988 Research Professor University of Minneapolis/USA. 1993 Director of the department for Restorative Dentistry, Periodontology and Pediatric Dentistry at the University of Greifswald. 2004 - 2007 President German Society of Dental, Oral and Craniomandibular Sciences (DGZMK). 2006 Professor Dr. honoris causa granted by Moscow State University.

Mukandoli, Alphonsine  
Page: 75  

Ngo, Hien  
Page: 49, 95, 116  
Dr. Ngo has extensive experience in private practice, research and education. He was the principal of a dental practice located in the business district of Adelaide over a period of 18 years. As an educator, he has published and lectured internationally on dental materials, minimal intervention dentistry and cariology. In research, he is active in dental materials and cariology.

Ogwell Ouma, Ahmed E.  
Page: 114  
Dr Ahmed Ogwell Ouma is currently the Regional Adviser for tobacco control in the WHO Regional Office for Africa. A dentist by basic training, Ahmed has been Director of Non-communicable diseases as well as Head of International Health Relations in the Ministry of Health in Kenya. He’s an advocate for integrated approach to NCDs.

Okubo, Mitsuo  
Page: 106  
I was born in 1942 in Shizuoka, Japan. I graduated from the School of Dentistry, Nihon University in 1966 and opened the Okubo Dental Clinic in 1967. Since 2006, I have been the president of the Japan Dental Association. Other prominent positions held include the president of the Shizuoka Prefecture Dental Association and of the Japan Dental Federation.
Önal, Banu
Page: 128
Prof. Dr. Banu Önal graduated from Philipps-University, Marburg as DDS and PhD. In 1998 awarded Professor for Restorative Dentistry, Endodontics. In 1991 she worked as an Assistant at the Freie-University School of Dentistry Department of Prostodontics Berlin. In 2000 she got a Tübitak and Nato-Scholarship for Baylor- College, School of Dentistry, Dallas. In 2006 she was invited to the University Illinois School of Dentistry Chicago. Since 2011 head of the department of Restorative Dentistry at Ege University.

Özcan, Mutlu
Page: 116, 135
1993-Licenciate in Dentistry (DDS, Marmara University, Istanbul) 1999-Dr. med. dent. (Medical and Dental School of Cologne, Germany) 2003 - Doctorate in Medical Sciences (Ph.D) (University of Groningen, The Netherlands) 2007-present-Professor at the Clinical Dental Biomaterials (University Medical Center Groningen, The Netherlands) 2009-present - Professor and Head of Dental Materials Unit (University of Zurich, Dental School, Zurich, Switzerland).

Özkan, Yaşar
Page: 137
Date of Birth: 1965

Öztürk, Mine
Page: 74

Pamuk, Selim
Page: 80
Born in 1958 in Istanbul. Graduated from University of Istanbul Faculty of Dentistry in 1982. Finished his PhD studies in 1988 in Fixed Prosthodontics. Currently working full time in his private office in Turkey and organizes implant courses. Prof. Pamuk lectured in international dental community for several years. Implants, dental esthetic and CAD/CAM restorations are his main areas of interest.

Öztürk, Mine
Page: 74

Pekiner, Filiz
Page: 138
She became an associate professor in 2010. In 2011, she started as the head of Oral Diagnosis and Radiology, Marmara University. In 2007, she was a guest researcher at Sweden. She served as a member of Central Council, EADMFR in 2012. She has over 50 international and national publications and is in the editorial and advisory board of some journals.

Petersen, Poul - Erik
Page: 73, 114
WHO, Chief Oral Health Programme

Petrović Punoševac, Miljana
Page: 75
Phantumvanit, Prathip
Page: 116, 127
Dr. Prathip Phantumvanit is Vice-chair of Public Health Committee, World Dental Federation (FDI) and a member of the Expert Panel on Oral Health of the World Health Organization (WHO). He is an elected board-member of the Thai Dental Council and Chair of the National Child Oral Health Strategy. He was Founder-Dean of the Faculty of Dentistry, Thammasat University, Thailand.

Piper, David
Page: 73
David Piper worked for 25 years for the British Geological Survey, providing technical assistance and capacity building in Africa, before joining UNIDO in 2001 and UNEP in 2004. Since 2009 he has been Deputy Head of the UNEP’s Chemicals Branch, coordinating UNEP’s subprogramme on Harmful Substances and Hazardous Waste, and leading the work of the Global Mercury Partnership.

Porter, Stephen
Page: 157
Stephen Porter is Institute Director and Professor of Oral Medicine of UCL Eastman Dental Institute. His clinical interests are the management of disorders of immunologically-mediated disease of the oral mucosa. His main research interests are in virology in relation to oral disease and the diagnosis and management of potentially malignant disease of the mouth. He has published over 450 scholarly works including original research papers, review articles, editorials, textbooks and computer-based works.

Pushpaangaeli, Bernadette
Page: 114
Dr. Bernadette Pushpaangaeli is a graduate of the multi-entry and multi-exit BDS program from the Fiji School of Medicine, that was set up after a WHO consultancy that endeavoured to assist develop the dental workforce needs of the Pacific Island region. On a British Chevening Scholarship award she undertook her MSc (DPH) at the UCL and DDPH(RCS-Eng) in London. She is a Past President of the Fiji Dental Association, the Oceania Section of the ANZ Division of the IADR, and the Rotary Club of Suva Peninsula Sunset. She is currently a senior lecturer in Dental Public Health and Associate Dean - Student Life at the College of Medicine, Nursing & Health Sciences of the Fiji National University.

Reich, Elmar
Page: 147

Rekow, E. Dianne
Page: 46
Professor Rekow is Dean of King’s College London Dental Institute. She earned degrees in dentistry and in engineering, including a PhD in biomedical engineering. Her research has focused on engineering applications in dentistry, with particular emphasis in material science. Among her honors is having served as President of the International Association for Dental Research.
Roth, Kathleen
Page: 74

Sadovski, Vladimir
Page: 121
Winner of two All-Russian and one USSR student Olympiads. Senior member of a study group of Surgical Dentistry. Chairman of Students Scientific Community of the Institute and Chairman of design office “KLUCH”.

Salam, Hani A.
Page: 66, 133, 161
Prof. Salam received his degree in oral & maxillofacial surgery from the University of Toronto and his PhD from McGill University. He is a Professor at the Lebanese & Beirut Arab Universities & Former Director, McGill University Continuing Dental Education in the Middle East & North Africa. He is an ITI fellow & member of the AAOMS, IAOMS & IADR.

Sayahpour, Babak
Page: 105
Dr. Babak Sayahpour graduated from the Johannes-Gutenberg University of Mainz (Germany). Since then he worked as a general dental practitioner in Germany and Great Britain. During the last years he served the International Association of Dental Students and the German Dental Exchange Service (ZAD) as an Executive Committee member. He is author and Editorial Board member of the ALUMNI Magazine. Previously he is active in several national and international dental organizations. He is a member of the International Team of Implantology (ITI) where he receives postgraduate training in dental implantology.

Schmalz, Gottfried
Page: 46, 73
Professor/Chair Department of Operative Dentistry and Periodontology, University of Regensburg, Germany. Main research interests: material interaction with living tissues (biocompatibility, tissue regeneration). More than 230 articles in PubMed, founder/Editor of “Clinical Oral Investigations”. Over 35 prices and awards, e.g. the “Distinguished Scientist Award” and the “Distinguished Service Award” of IADR. Member/Senator of the German National Academy of Sciences.

Sculean, Anton
Page: 144, 146
Anton Sculean is professor and chairman of the Department of Periodontology at the University of Berne in Switzerland. He has been a recipient of many research awards and is author of more than 200 publications. He is editor of the book Periodontal Regenerative Therapy published by Quintessence in 2010.

Selikowitz, Harry-Sam
Page: 96, 97, 114
Dr Harry-Sam Selikowitz, DDS, MSc, PhD. Consulted with United Nations agencies on oral health in several developing countries. Advisor to the Executive Director of Non-Communicable Diseases of WHO in Geneva. Advisor to WHO Global Strategy on Diet, Physical Activity and Health. Member and Vice-Chair of FDI, Science Committee.
Sertgöz, Atilla
Page: 93, 163
Dr. Sertgöz received his dental degree from Marmara University, School of Dentistry in 1986. In 2001, Dr. Sertgöz was promoted to full-time Professor at Marmara University, School of Dentistry, and Department of Prosthodontics. His current work consists of clinical research, teaching and intramural practice of comprehensive dentistry with special emphasis on all phases of implant dentistry and prosthodontics.

Seyedan, Kaveh
Page: 158
Dr. Kaveh Seyedan was born at 1965, He received his DDS at 1988 and Master in Prosthodontics at 1991. He currently is associate professor at Beheshty University in Tehran. He was the director of post graduate program in prosthodontics and founder of Fellowship program and department in implant dentistry. He is the current president of Iranian Association of prosthodontics and joint president of Iran-Germany Implant Association.

Sharkov, Nikolai
Page: 79
Qualifications: Master Degree in Dental Medicine with two specialties. Master Degree in Business Administration. Current Positions: Director Council of European Dentists; Vice-Chairman FDI Communications and Member Support Committee; President Balkan Stomatological Society; Past-President and Vice-President Bulgarian Dental Association; Consultant Ministry of Health of F.Y.R.O. Macedonia; Chairman National Oral Health Preventive Program for Children up to 18 Years of Age.

Sivareswaran, Shanti
Page: 100
Shanti is the Principal Advisor for Oral Health in New South Wales Ministry of Health. She was instrumental in implementing a highly successful strategy to extend water fluoridation in New South Wales. Shanti is also a senior lecturer with the Faculty of Dentistry and teaches Masters of Public Health and Masters of International Public Health at the University of Sydney.

Sözkes, Sarkis
Page: 103
Assist. Prof. Dr. Sarkis Sözkes graduated from Marmara University Faculty of Dentistry in Istanbul Turkey. He did his postgraduate studies in fields of Periodontology and Biomedical Engineering. He has widely lectured nationally and internationally and has been giving implant hands-on trainings. He is involved in biomedical implant design researches as well as in studies at Bosphorus University, Institute of Biomedical Engineering. He is member of many international and national periodontology, implantology and biomedical engineering field associations. He is Honorary Life Member of IADS. He is full time faculty staff member at Namik Kemal University Biomedical Engineering Biomaterials Department.

Steigman, Marius
Page: 96, 133, 161
2000-present: Honorary Professor of the “Carol Davila” University of Medicine and Pharmacy, Bucharest, Romania 2005-2010: Adjunct Assistant Professor, Oral and Maxillofacial Surgery, Henry M. Goldman, School of Dental Medicine, Boston University July 2012: Visiting Associate Professor, School of Dentistry, Department of Periodontics and Oral Medicine, University of Michigan, Ann Arbor, Michigan.
Sussman, Marc
Page: 73
Marc M. Sussman is the founder, President and CEO of Dental Recycling North America, Inc. (DRNA), the largest US waste management company solely dedicated to the Dental Profession. He is also the President & CEO of the newly formed venture Dental Recycling International, Inc. (DRI). Prior, Mr. Sussman was a Managing Partner of an international consulting firm working with growing US and European companies on international business development activities.

Sümbüloğlu, M. Akif
Page: 151
I am working in the field of Dentomaxillofacial Radiology in Ataturk University since 2003.

Şakar, Olcay
Page: 141
Prof. Dr. Olcay Şakar graduated from Istanbul University, Faculty of Dentistry in 1987 and received a Dr.Med.Dent. degree in 1995 with the thesis entitled “The factors affecting esthetic success in complete and partial removable dentures”. She was appointed in 2000 as Assoc. Prof.Dr. and in 2007 as Prof. Dr. in prosthodontics from the same university.

Şar Sancaklı, Hande
Page: 170
University graduate: 2000; Istanbul University Faculty of Dentistry PhD, 2007; PhD; “Comparison of antibacterial effects of dentin bonding agents in vitro” Istanbul University Faculty of Dentistry, Department of Operative and Restorative Dentistry Associate Professorship: 2012 2012, Visiting Lecturer in King’s College Dental Institute, Guy’s Hospital Publications in internationally and nationally indexed journals ,book chapter and international conferences in restorative dentistry.

Tağtekin, Dilek
Page: 52
Professor Tağtekin graduated from Marmara University Faculty of Dentistry in 1991. She studied the “Microscopic evaluation of the effect of different schedule and concentration of dentifrices on artificial carious lesions” for doctorate thesis in 1997. She is having many national and international publications. She is teaching and doing research at the department of Restorative Dentistry in Marmara University. Married and three childs.

Taylor, James C.
Page: 27
Colonel James C. Taylor CD, QHDS, BSc, DMD, MA, Cert Prosth. Colonel Taylor is currently the Canadian Armed Forces Director of Dental Services, and Honorary Dental Surgeon to the Queen. He also maintains a part-time clinical prosthodontic practice at the National Defence Medical Centre Clinic in Ottawa.

Tolmeijer, Alexander
Page: 38
Graduated in dentistry in 1989 at the VU University in Amsterdam and earned the title Master of Laws at the same university in 1993. Has been working as a general practitioner since 1993. Current activities: Vice-chair and treasurer: Dutch Dental Association, Board member CED, Member: FDI Organisational Structure Task Team, Member: FDI Communications and Member Support Committee.”
Topuz, Özgür
Page: 123

Toygar Memikoğlu, Ufuk
Page: 171
I graduated from Hacettepe University, School of Dentistry in 1988. I completed my orthodontic PhD in 1994 at Ankara University, School of Dentistry, Department of Orthodontics. I became a professor in 2003. My academic interests are; orthognathic surgery, pediatric obstructive sleep apnea, multidisciplinary treatments and facial aesthetics. I am concurrently President of the Turkish Orthodontic Society. I’m married and have a daughter.

Trope, Martin
Page: 61, 134
Dr. Martin Trope received his BDS in 1976 in Johannesburg, South Africa. In 1980, he moved to Philadelphia to specialize in endodontics at the University of Pennsylvania. He became chair of Endodontology at Temple University in 1989. In 1993 he became chair of Endodontics, University of North Carolina at Chapel Hill. He is currently in private practice in Philadelphia.

Uludağ, Bülent
Page: 56
Dr. Bulent Uludag graduated Ankara University, Faculty of Dentistry in 1983 and the same year, he was accepted PhD. program at Department of Prosthodontics. He received his postgraduate certificate in Prosthodontics in 1988. He was assigned to Associate Professor in 1991 and Professor in 1998. He has got many papers about hybrid dentures with precision attachment systems and implant-retained dentures.

Urban, Istvan
Page: 39, 58
Dr. Urban received his DMD degree and MD degree from Semmelweis University in 1991 and 1996. He completed residency program in oral surgery at St. Istvan Hospital (1992-1996). He completed his internship program in Periodontics at UCLA. After he graduated from the Fellowship Program (1999-2000) in Implant Dentistry at Loma Linda. Dr. Urban teaches implant dentistry at Loma Linda University.

van de Kraats-van Klink, Nanda
Page: 28
LCDR W.A.M. (Nanda) van de Kraats-van Klink, Dental Services Royal Netherlands Navy

Vanlıoğlu, Burçin
Page: 129
Assoc. Professor Burçin Vanlıoğlu received her dental education from Marmara University, Faculty of Dentistry in 2000. She became a Research Assistant in the Faculty of Dentistry Department of Prosthodontics in the same year and finished in 2005. She became an Assoc. Prof. by 2012. She currently works at Marmara University, Faculty of Dentistry, Department of Prosthodontics. She is married and has a son.
Vazquez, Susana
Page: 167
Doctor of Dentistry, Specialist in Oral and Maxillofacial Surgery, Chair Professor of Oral Pathology School of Dentistry, Head of the Department of Dentistry of the University Hospital. President of the Uruguayan Society of Stomatology Board Member Uruguayan Society of Maxillofacial Surgery Member of the International Association Dental Research. Member Number 770176 Pierre Fauchard Academy. Fellow International Honor Dental Organization.

Watson, Timothy
Page: 47
Tim Watson is Director of Research and Professor of Biomaterials and Restorative Dentistry at King’s College London Dental Institute, Guy’s Hospital. Research interests are dental materials/operative dentistry and in vitro/in vivo microscopic imaging techniques. Clinical inter-ests are diagnosis and management of caries, tooth wear and trauma with new techniques, methods of cavity preparation and materials.

West, Nicola
Page: 42
Nicola West is Professor and Honorary Consultant in Periodontology at Bristol Dental School. After qualifying Nicola gained her PhD on dentine hypersensitivity and tooth surface loss. Nicola leads the Clinical Trials Unit in Bristol, research interests including bone augmentation, tooth wear and dentine hypersensitivity. She lectures regularly in the international forum and is secretary of the British Society of Periodontology.

Xie, Cheng
Page: 30
Dr Cheng Xie, School of Stomatology, the Fourth Military Medical University

Yaltırık, Mehmet
Page: 176

Yanushevich, Oleg
Page: 120
Moscow State University of Medicine and dentistry (MSUMD) Medical residency at the department of Dental Therapy and Periodontology, Post-graduate education at the Department of Dental Therapy and Periodontology (MSUMD). Defended the PhD. thesis in Periodontology. Since 2007-present - Rector of MSUMD. Since 2008 – was appointed by Ministry of Public Health and Social development by order №621 from 5th November as the chief outward specialist and expert in discipline „Dentistry” of Russia. More than 150 scientific publications, among these are 14 monograph, 3 textbooks, 2 patents on invention, guidebooks for students.

Yıldız, Coşkun
Page: 50
Asst. Professor Coşkun Yıldız received his dental education from Marmara University, Faculty of Dentistry in 1998. He became a Research Assistant in the Faculty of Dentistry Department of Prosthodontics in the same year and finished in 2005. He became an Asst. Prof. by 2006 in the Department of Prosthodontics. He currently works at Marmara University, Faculty of Dentistry, Department of Prosthodontics.
Yoldaş, H. Öğuz
Page: 123
Dr. Yoldaş was born in Mersin. He studied dentistry at the university of Gazi where he graduated in 1993. He started his PhD research at the same university and received his PhD in 1998. He was appointed as “Associate Professor” in 2005 and as “Professor” in 2010. Dr Yoldaş is now vice dean and head of Endodontics of Çukurova University.

Yuldashev, Ilshat
Page: 79

Yüzügüllü, Bulem
Page: 108
Dr Bulem Yüzügüllü graduated from Ankara University, Faculty of Dentistry and received her PhD degree from Hacettepe University, Faculty of Dentistry, Department of Prosthodontics. Currently she is a full-time Associate Professor in Başkent University, Faculty of Dentistry, Department of Prosthodontics. Dr Yüzügüllü is a member of the European Prosthodontic Association, International College of Prosthodontists and Turkish Prosthodontics and Implantology Association.

Zhou, Yanheng
Page: 119
Yanheng ZHOU, DDS, PhD, Adv Dip Orth, M Orth RCS Edin, completed his orthodontic specialty training in 1993 (PhD, PKU). He received the degree of Advanced Diploma of Orthodontics in the University of Hong Kong in 1997. He is now serving as the Professor & Chair of Department of Orthodontics, Peking University School of Stomatology, and President-elect of Chinese Orthodontic Society. He is the adjunct professor of Case Western Reserve University, USA.

Ziller, Sebastian
Page: 87
J&J Symposium
Expert Panel Discussion on Dentine Sensitivity
A New Approach to Managing Dentine Sensitivity
28 August, 12:30-14:00
Room: Emirgan

Pashley, David
Page: 124
Professor David H. Pashley BS, DMD, PHD, Regents’ Professor of Oral Biology, School of Dentistry, Medical College of Georgia, Augusta, GA, USA Dr Pashley is an opinion leader in the topic of dentine sensitivity. His research interests include pulp biology, the structure and function of dentine, dentine sensitivity and its treatment, dentine bonding, the mechanical properties of dentine and their modification, adhesive dentistry, and enamel and dentine bonding. Dr. Pashley has published over 650 papers in peer-reviewed journals about two-thirds of which deal with the structure and function of dentine.

Eliadis, George
Page: 224
Professor George Eliadis, Professor and Chair in the Department of Biomaterials at the University of Athens Dental School in Athens, Greece. Professor Eliadis is an international authority in the field of Biomaterials in terms of research and teaching and is also a practising dentist. One of his main research interest areas is the study of de-sensitising materials.

Noack, Michael J.
Page: 224
Prof. Dr. Michael J. Noack, University of Cologne, Germany. Professor Noack is the Head of the Department of Conservative Dentistry and Periodontics at the University Hospital of Cologne. His main research interests include non-carious tooth tissue loss, prevention, restorative materials and use of oral hygiene products.

van der Weijden, Fridus
Page: 225
Prof Fridus van der Weijden, Professor of Periodontology, ACTA (Academic Centre for Dentistry Amsterdam), Netherlands. Dr Fridus van der Weijden graduated in 1984 from the State University Dental School in Utrecht, the Netherlands, where he also received his training as a periodontist and was accredited by the Dutch Society of Periodontology in 1990. In 2005 he received accreditation as an Implant-specialist by the Dutch Society of Oral Implantology. He divides his time between the Clinic for Periodontology Utrecht and the Academic Centre for Dentistry Amsterdam. The main focus of his research is the treatment and prevention of periodontal diseases. Dentine Sensitivity has become one of his research interests.

Wilson, Nairn
Page: 225
Professor Nairn Wilson H F CBE, DSc (h.c), FDS, FF GDP, FFD, FKC, Professor of Restorative Dentistry Dr. Wilson’s many positions include Chairman of the Joint Committee for Specialist Training in Dentistry, Editor in Chief of the Quintessentials of Dental Practice Series, Chairman of the British Dental Editors Forum and Chairman and Honorary Director of the Oral and Dental Research Trust. His interests and special expertise encompass the regulation of dentistry, trends in dental education, applied dental materials science, clinical trial methodology, and the modern management of caries and dentine sensitivity.

Winkler, David
Page: 225
Dr Winkler, DDS, ran his own practice in Outrup, Denmark for 17 years, before moving to Windsor where he has been in dental practice ever since. He has been President of a number of Aesthetic Academies including the British, Scandinavian (Founding President) and the European Academy. He is currently the President of the International Federation of Aesthetic Dentistry. He has a special interest on the clinical problem of dentine sensitivity as a general dental practitioner.
Colgate Symposium
Can We Change What We Do about Caries?
Evidenced Based Approaches for the Prevention and Control of Early Caries
29 August - 12:30-14:15
Room: Beyazıt

Burne, Robert
Page: 226
Robert A. Burne, Ph.D. is a Distinguished Professor at the University of Florida and serves as Chair of the Department of Oral Biology and Associate Dean for Research in the College of Dentistry. Bob's research group studies the molecular genetics of bacterial responses to environmental stimuli, with a particular focus on how microenvironments in biofilms modulate the ability of oral bacteria to establish, persist and, in some cases, cause disease. Bob is presently a Principal Investigator or co-Investigator on multiple grants funded by the National Institute of Dental and Craniofacial Research and National Institute for Allergy and Infectious Diseases. He has published well over 120 articles and has authored multiple book chapters. He is the recipient of the Edward S. Hatton Award, the Gies Award, and a Distinguished Scientist Award from the International Association for Dental Research, as well as being a Fellow of the American Association for the Advancement of Science.

Ellwood, Roger
Page: 226
Roger Ellwood BDS, MDS, MSc, PhD, FFPH is Director of Clinical Method Development in the Oral Care Research and Development Division of the Colgate-Palmolive Company and also Director of the Colgate Palmolive Dental Health Unit, a unique collaboration between Colgate Palmolive and the University of Manchester specializing in clinical trial methods. He is an expert on dental caries and use of fluoride and author of over 120 peer reviewed scientific articles and book chapters.

Pitts, Nigel
Page: 227
Professor Nigel Pitts is internationally renowned for cariology, health services and translational research. At King's College London, he is spearheading a new focus on dental innovation and translation of research into clinical practice, policy, and products to improve health and healthcare. The Dental Innovation and Translation Centre adds to the continuing focus on research quality and impact at King’s.

GSK Symposium
Filling the gap
Hints and tips for the successful replacement of missing teeth
29 August, 12:30-14:00
Room: Çamlıca

Bartlett, David
Page: 227
Professor Bartlett is Consultant and Head of Prosthodontics at Kings College London Dental Institute and has published over 100 research publications, written 3 books and numerous chapters. He is treasurer for the British Division of IADR and Chair of the SAC in Restorative Dentistry which co-ordinates specialist training in the UK as well as chair of the ethics committee of Guys hospital

Sertgöz, Atilla
Page: 227
Prof. Sertgöz is Professor at Marmara University School of Dentistry in Turkey. He is responsible for clinical research, teaching and Prosthodontics with special focus on Implantology. He is editor of several key dental journals in Turkey and regularly lectures in both national and international meetings in the field of Implantology. He is a member on committee of International Team of Implantology.

Speck, Kirstie
Page: 227
Kirstie Speck is Global Insights Director for Oral Health Category at GSK. Kirstie has over 20 year’s market research experience working with healthcare professionals and consumers.
Levin, Martin D.

Page: 227

Dr. Levin is in private practice limited to endodontics in Washington, DC and Adjunct Associate Professor of Endodontics and Chair of the Dean’s Council at the University of Pennsylvania. He is a contributor to Pathways of the Pulp, Ingle’s Endodontics and Cone Beam CT: Oral and Maxillofacial Diagnosis and Applications, as well as numerous peer-reviewed publications. Dr. Levin is a Diplomate of the American Board of Endodontics and a member of the American Academy of Oral and Maxillofacial Radiology.
FDI 2014, New Delhi, India
Greater Noida
Annual World Dental Congress
11 - 14 September 2014

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CHF 178.— / EUR 148.— / USD 209.00

Provides up-to-date information on the rationale for the use of fluoride in dentistry

Fluoride and the Oral Environment
Editor: M.A.R. Buzzalaf (Bauru)
178 p., 50 fig., 31 in color, 24 tab., hard cover, 2011
CHF 127.— / EUR 94.— / USD 127.00

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Periodontal Disease
Editors: D.J. Kinane (Philadelphia, PA); Mombelli, A. (Geneva)
180 p., 26 fig., 16 in color, 6 tab., hard cover, 2012
CHF 184.— / EUR 153.— / USD 216.00

Coming soon:

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Editors: A. Kantarcı (Cambridge, MA); L. Will (Boston, MA); S. Yen (Los Angeles, CA)
Frontiers of Oral Biology, Vol. 17
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**Free Communications & Poster Discussions’ Chairpersons**

### 28 August 2013, Wednesday

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### 29 August 2013, Thursday

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### 30 August 2013, Friday

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## Free Communications

**28 August 2013, Wednesday**

### FCS01 | Free Communication Session 01 | Hall B332, B3 Floor | 28.08.2013 | 09:00 - 11:00

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<tr>
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<th>Schedule</th>
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<tr>
<td>FC001 A Comparison of Different Radiographic Modalities for Detection of Occlusal Caries Lesions In Vitro Selçuk Savaş</td>
<td>09:00-09:12</td>
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<tr>
<td>FC002 An in vitro SEM Comparative Study of Dentine-Biodentine Interface Jameel Mohammed, Ameen Sulaiman</td>
<td>09:12-09:24</td>
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<tr>
<td>FC003 Clinical Performance of Methods in Detecting Occlusal Caries Lesions In-vitro Elif Tarım Ertaş</td>
<td>09:24-09:36</td>
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<tr>
<td>FC004 Internal Consistency and Diagnostic Success of New Caries Detection Device Mehmet Ertuğrul Çiftçi</td>
<td>09:36-09:48</td>
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<tr>
<td>FC005 The technique of composite filling with impression Seyhan Akar Ergin</td>
<td>09:48-10:00</td>
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<tr>
<td>FC006 Visualisation of human dental pulp vasculature by detection of CD34 Ana Sotir Sotirovska Ivkovska</td>
<td>10:00-10:12</td>
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<tr>
<td>FC007 A novel Computer Controlled Tri-dimensional Cutting and Cavity preparation Machine (CCTCCM) for Dental Laboratory Research Saied Mostafa Moazzami</td>
<td>10:12-10:24</td>
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<tr>
<td>FC008 CPP-ACPF application methods - effects on salivary parameters and fluoride level Halimah Awang</td>
<td>10:24-10:36</td>
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<tr>
<td>FC009 Identification and antibiotic susceptibility of oral streptococci from dental plaque in children Aida Namani Rxehepi</td>
<td>10:36-10:48</td>
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<tr>
<td>FC010 Dental Caries Experience and Periodontal Status among Schoolchildren in Georgia Mariam Margvelashvili</td>
<td>10:48-11:00</td>
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### FCS02 | Free Communication Session 02 | Hall B342, B3 Floor | 28.08.2013 | 09:00 - 11:00

<table>
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<tr>
<th>Abstract Title/Presenter</th>
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<tr>
<td>FC011 A survey on endodontic practice of dental practitioners in Turkey Selen Küçükkaya</td>
<td>09:00-09:12</td>
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<tr>
<td>FC012 An in vitro comparison of antibacterial effects of four different root canal irrigation method in root canals infected with Enterococcus faecalis Tuba Ayhan</td>
<td>09:12-09:24</td>
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<td>FC013 Assessment of New Root Canal Filling Material Based on Polymer-modified White Portland Cement with CaCl2:PH and solubility study Saud Jasmim Dizayee</td>
<td>09:24-09:36</td>
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<tr>
<td>FC014 Bond strength of resin sealer to root canal dentin Fatih Aksoy</td>
<td>09:36-09:48</td>
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<tr>
<td>FC015 Clinical Implications of Calcifying Nanoparticles In Dental Diseases: A Critical Review Mohammed S. Alenazy</td>
<td>09:48-10:00</td>
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<tr>
<td>FC016 Comparative Evaluation of Cleaning Efficacy of Root Canal using two Rotary Ni-Ti File System versus Hand K-File- A SEM Study Anil CHANDRA</td>
<td>10:00-10:12</td>
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<tr>
<td>FC017 Different treatment of an external/internal root resorptions associated with periodontal- endodontic lesion: A 30 - month follow - up Yasemin Şentürk Yaman</td>
<td>10:12-10:24</td>
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<td>FC018 Effect of endodontic irrigants when used alone or in combinations on mineral content of human dentin Mehmet Burak Güneşer</td>
<td>10:24-10:36</td>
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<td>FC019 Interfacial adaptation and thickness of bioceramic-based root canal sealers Zeti Adura Che Ab Aziz</td>
<td>10:36-10:48</td>
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<td>FC020 Investigation of the root and canal configuration of maxillary permanent first and second molars using cone-beam computed tomography Hatice Parlak</td>
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<td>A clinical photogrammetric technique for dental analysis</td>
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<td>and visualisation</td>
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<td>Ahmet Kürtad Culhaoglu</td>
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<td>Comparative study on enamel microstructure of bovine and</td>
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<td>human incisors</td>
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<td>Adhesion of C. albicans and E. faecalis to various dental</td>
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<td>filling materials</td>
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<td>Ayçe Ünverdi Eldeniz</td>
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<td>The effect of Parylene coating on some properties of PMMA</td>
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<td>Antibacterial Effects Of Conventional Glass Ionomer</td>
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<td>Cement Following Incorporation Of Benzalkonium Chloride And</td>
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<td>Cetylpyridinium Chloride</td>
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<td>Aleksandar Dimkov</td>
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<td>Biocompatibility of two different restorative materials used</td>
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<td>in pediatric dentistry</td>
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<td>Mira Jankulovska</td>
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<td>Biodentine'tm – a biomaterial for endodontic applications</td>
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<td>Sonja Mihail Apostolska</td>
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<td>Bisphenol A Elution From Dental Resins: The Effect Of</td>
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<td>Seven Year Clinical Evaluation of Filtek™ Silorane versus</td>
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<td>Sigfus Thor Eliason</td>
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<td>Detecting surface roughness of posterior composites</td>
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<td>after different polishing techniques with atomic force</td>
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FCS03 | Free Communication Session 03 | Hall B343, B3 Floor | 28.08.2013 | 09:00 - 11:00

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<td>Randomized Controlled Study</td>
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<td>Samah Mohamed Awad</td>
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<td>Clinical evaluation of a self-adhering flowable</td>
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<td>composite as a Class 1 restorative in primary molars: 12</td>
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<td>months results</td>
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<td>Buse Ayşe Serin</td>
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<td>Color Stability of Anterior Restorations After Different</td>
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<td>Polishing Techniques</td>
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<td>Esma Yildiz</td>
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<td>Comparison of anesthetic efficacy of intraligamentary</td>
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<td>and supraperiosteal anesthesia by using computer</td>
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<td>controlled delivery system</td>
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<td>Emine Kaya</td>
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<td>Comparison of Chemomechanical Caries Removal (Papacârie)</td>
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<td>versus Conventional Method in Children</td>
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<td>Merve Erkmen Almaz</td>
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<td>Cystic pathology features and contemporary treatment</td>
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<td>to children in hospital conditions</td>
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<td>Aldo Vangjeli</td>
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<td>Effect of different surface treatments on shear bond</td>
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<td>Kamil Kahraman</td>
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<td>Temperature Changes in the Pulpal Chamber of Primary Tooth</td>
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### FCS05 | Free Communication Session 05 | Hall B332, B3 Floor | 28.08.2013 | 11:30 - 12:30

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<td>FC040 Microleakage and fracture resistance of teeth with novel post</td>
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<td>Hanaa Ibraheem Sallam</td>
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<tr>
<td>FC041 A 4-year retrospective study of all-ceramic onlays</td>
<td>11:42-11:54</td>
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<td>Kübra Yıldız</td>
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<tr>
<td>FC042 A comparison of validity between KKU surveyor and Ney surveyor</td>
<td>11:54-12:06</td>
</tr>
<tr>
<td>Suwadee Aerarunchot</td>
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<tr>
<td>FC043 Clinical Performance Of Tooth-supported and Implant-supported Zirconia-Based Fixed Dental Prostheses</td>
<td>12:06-12:18</td>
</tr>
<tr>
<td>Elif Coşkun</td>
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<tr>
<td>FC044 Color interaction of screw hole filling materials in implant restorations</td>
<td>12:18-12:30</td>
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<tr>
<td>Umut Çakan</td>
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### FCS06 | Free Communication Session 06 | Hall B342, B3 Floor | 28.08.2013 | 11:30 - 12:30

<table>
<thead>
<tr>
<th>Abstract Title/Presenter</th>
<th>Schedule</th>
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<tbody>
<tr>
<td>FC046 Microleakage of class V composite restorations prepared by Er,Cr:YSGG laser</td>
<td>11:30-11:42</td>
</tr>
<tr>
<td>Maan M. Nayif</td>
<td></td>
</tr>
<tr>
<td>FC047 Cytotoxicity of a self-adhesive resin luting cement with L-929 fibroblast cell line</td>
<td>11:42-11:54</td>
</tr>
<tr>
<td>İrem Ece Kıyan</td>
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<tr>
<td>FC048 Effect of Different Adhesive Systems and Chlorhexidine on Matrix Mettaloproteinase</td>
<td>11:54-12:06</td>
</tr>
<tr>
<td>Arzu Kıran</td>
<td></td>
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<tr>
<td>FC049 Mechanical Properties of Autocuring Temporary Crown and Bridge Materials</td>
<td>12:06-12:18</td>
</tr>
<tr>
<td>Gozde Yerlioglu</td>
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### FCS07 | Free Communication Session 07 | Hall B343, B3 Floor | 28.08.2013 | 11:30 - 12:30

<table>
<thead>
<tr>
<th>Abstract Title/Presenter</th>
<th>Schedule</th>
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<tbody>
<tr>
<td>FC050 Bleaching Efficacy and Color Stability of Over-The-Counter Products</td>
<td>11:30-11:42</td>
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<tr>
<td>Esra Uzer Çelik</td>
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<tr>
<td>FC051 Chromatic analysis of a nano-hybrid composite exposed to different whitening mouth rinses</td>
<td>11:42-11:54</td>
</tr>
<tr>
<td>Osman Tolga Harorlı</td>
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<tr>
<td>FC052 Correction of crowding teeth in adults, simple approaches. Case report</td>
<td>11:54-12:06</td>
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<tr>
<td>Doris Mingomataj</td>
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<tr>
<td>FC053 Different light sources and pulpal temperature rise during office bleaching</td>
<td>12:06-12:18</td>
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<tr>
<td>Tuğrul Sarı</td>
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<tr>
<td>FC054 Effect of bioactive silica and bleaching on caries like lesions</td>
<td>12:18-12:30</td>
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<tr>
<td>Hend Mohamed Ahmed</td>
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## FCS08 | Free Communication Session 08 | Hall B360, B3 Floor | 28.08.2013 | 11:30 - 12:30

<table>
<thead>
<tr>
<th>Abstract Title/Presenter</th>
<th>Schedule</th>
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<tbody>
<tr>
<td>FC055 Mini-dental implants: an alternative approach to replace mandibular incisors</td>
<td>11:30-11:42</td>
</tr>
<tr>
<td>Rahma Gazbar</td>
<td></td>
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<tr>
<td>FC057 Salivary Markers for Oral Lichen Planus Disease Activity and Dysplasia</td>
<td>11:42-11:54</td>
</tr>
<tr>
<td>Fatheya Mohamed Zahran</td>
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<tr>
<td>FC058 Minor Oral surgery in patients on aspirin therapy-To stop the medication or not</td>
<td>11:54-12:06</td>
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<tr>
<td>Suhael Ahmed</td>
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<tr>
<td>FC059 Oral surgery in inherited bleeding disorder population:effectiveness of local hemostasis</td>
<td>12:06-12:18</td>
</tr>
<tr>
<td>Aicha Zaghbani</td>
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<tr>
<td>FC348 Results of dental injuries consultations in a paediatric dentistry department</td>
<td>12:18-12:30</td>
</tr>
<tr>
<td>Houda El Khammal</td>
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## FCS09 | Free Communication Session 09 | Hall B332, B3 Floor | 28.08.2013 | 14:00 - 15:00

<table>
<thead>
<tr>
<th>Abstract Title/Presenter</th>
<th>Schedule</th>
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<tbody>
<tr>
<td>FC060 Biomechanical behavior of dental prosthesis</td>
<td>14:00-14:12</td>
</tr>
<tr>
<td>Bel Abbes Bachir Bouiadjra</td>
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<tr>
<td>FC061 3-D-FEA for Different Implant Designs Under Thermal and Dynamic Loading</td>
<td>14:12-14:24</td>
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<tr>
<td>Emre Şeker</td>
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<tr>
<td>FC062 A Technique To Fabricate Passively Fitting Cast Frameworks For Fixed Detachable Implant-Supported Prostheses</td>
<td>14:24-14:36</td>
</tr>
<tr>
<td>Burak Tuncer Özçelik</td>
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<tr>
<td>FC063 Accuracy assessment of computer assisted implant planning and placement</td>
<td>14:36-14:48</td>
</tr>
<tr>
<td>Deeksha Rajkumar</td>
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<tr>
<td>FC064 Clinical and radiographic evaluation of IDcamTM dental implants</td>
<td>14:48-15:00</td>
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<tr>
<td>Merve Bankoğlu Gungor</td>
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<tr>
<td>Eruption with axis's adjustment of a cyst-associated mandibular premolar</td>
<td>14:00-14:12</td>
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<tr>
<td><strong>Hajer Hentati</strong></td>
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<tr>
<td>Genetic implication in supernumerary teeth-surgical approach</td>
<td>14:12-14:24</td>
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<tr>
<td><strong>Zana Bajrami Agani</strong></td>
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<tr>
<td>Heart rate control in oral surgery hypertensive patients: music strategy</td>
<td>14:24-14:36</td>
</tr>
<tr>
<td><strong>Maria Cristina Zindel Deboni</strong></td>
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<tr>
<td>Is Lingual Injection Necessary in Mandibular Anterior Tooth Extraction?</td>
<td>14:36-14:48</td>
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<tr>
<td><strong>Bilal Ege</strong></td>
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<tr>
<td>Large Odontogenic Cystic Lesions with Ectopic Impacted Teeth: Case Reports</td>
<td>14:48-15:00</td>
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<tr>
<td><strong>Alen Palancıoğlu</strong></td>
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<tr>
<th>Abstract Title/Presenter</th>
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<tbody>
<tr>
<td>The Effects of Humic Acid on the Local and Systemic IL-1β and IL-10 Levels in Ligature-induced Periodontitis in Rats</td>
<td>14:00-14:12</td>
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<tr>
<td><strong>Metin Çalışır</strong></td>
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<tr>
<td>Analysis of interleukin-6-174 and nt565 gene polymorphisms in relation to chronic periodontitis in Macedonians</td>
<td>14:12-14:24</td>
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<tr>
<td><strong>Aneta Atanasovska Stojanovska</strong></td>
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<tr>
<td>Baseline radiographic defect angle as a prognostic indicator of regenerative periodontal surgery</td>
<td>14:24-14:36</td>
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<tr>
<td><strong>Martu Silvia</strong></td>
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<tr>
<td>Clinical evaluation of periodontal parameters in marginal dental restorations</td>
<td>14:36-14:48</td>
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<tr>
<td><strong>Seyed Ali Banihashemrad</strong></td>
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<tr>
<td>Does periodontal therapy reduce gastric Helicobacter pylori recurrence? A meta-analysis</td>
<td>14:48-15:00</td>
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<tr>
<td><strong>Amal Bouziane</strong></td>
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<tr>
<td>FC075 Systemic Correlates of TMJ Neuro-Inflammation</td>
<td>14:00-14:12</td>
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<td>Garabed Gary Demerjian</td>
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<tr>
<td>FC076 The Effect of Ceramic Thickness and Number of Firings on the Color of Densely and Partially Sintered Zirconia Ceramic Systems</td>
<td>14:12-14:24</td>
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<tr>
<td>Volkan Şahin</td>
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<tr>
<td>FC077 Comparative analyse of variables of metal ceramic dental bridges</td>
<td>14:24-14:36</td>
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<tr>
<td>Sherif Ismen Shaqiri</td>
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<tr>
<td>FC078 The Impact of Complete Dentures on Oral Health Related Quality of Life</td>
<td>14:36-14:48</td>
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<td>Linda Dula</td>
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<tr>
<td>FC079 Treatment management in cases with bruxism</td>
<td>14:48-15:00</td>
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<tr>
<td>Biljana Kapusevska</td>
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<tr>
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<tbody>
<tr>
<td>FC080 “Smile Healthy to Your Diabetes”: Health Coaching Based Intervention for Diabetes and Oral Health Management</td>
<td>15:30-15:42</td>
</tr>
<tr>
<td>Ayse Basak Cinar</td>
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<tr>
<td>FC081 Adolescents’ Opinion on School-Based Oral Health Education</td>
<td>15:42-15:54</td>
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<tr>
<td>Nurul Syakirin Abdul Shukor</td>
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<tr>
<td>FC082 Gender and weight concerns among an adolescent population</td>
<td>15:54-16:06</td>
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<tr>
<td>Omolara Uti</td>
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<tr>
<td>FC083 Greek dentists’ work-related stress during the economic crisis</td>
<td>16:06-16:18</td>
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<tr>
<td>Aristomenis I Syngelakis</td>
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<tr>
<td>FC084 Gingival Crevicular Fluid levels of Monocyte chemoattractant protein-1 in Patients with Aggressive Periodontitis</td>
<td>16:18-16:30</td>
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<tr>
<td>Şadiye Coşkuner</td>
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### FCS14 | Free Communication Session 14 | Hall B342, B3 Floor | 28.08.2013 | 15:30 - 16:30

<table>
<thead>
<tr>
<th>Abstract Title/Presenter</th>
<th>Schedule</th>
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<tbody>
<tr>
<td>FC085 A new apparatus: Changing the bonding force of impression tray to the edentulous jaw Yusuf Ziya Akpınar</td>
<td>15:30-15:42</td>
</tr>
<tr>
<td>FC086 A New Technique For Controlling The Patient Using RFID Card Hasan Akbaba</td>
<td>15:42-15:54</td>
</tr>
<tr>
<td>FC087 Study of the Radius of the Monson's sphere in Iranian adults Farnoosh Taghavi Damghani</td>
<td>15:54-16:06</td>
</tr>
<tr>
<td>FC088 Residual Ridge morphology in African American versus Caucasian women, and clinical management Asha Samant</td>
<td>16:06-16:18</td>
</tr>
<tr>
<td>FC089 An investigation into the effect of different preparation designs and try-in pastes, on the overall color of ceramic laminate veneer restorations Erhan Tuğcu</td>
<td>16:18-16:30</td>
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### FCS15 | Free Communication Session 15 | Hall B343, B3 Floor | 28.08.2013 | 15:30 - 16:30

<table>
<thead>
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<th>Abstract Title/Presenter</th>
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<tbody>
<tr>
<td>FC090 “Nasoalveolarmolding For Infants with Complete Unilateral Cleft lip and palate” Mosleh Saad Alharbi</td>
<td>15:30-15:42</td>
</tr>
<tr>
<td>FC091 A Comparative Evaluation of Active Vertical Protraction Appliance(AVPA) and Reverse Headgear: A Randomized Comparative Clinical Trial Berk Özoğul</td>
<td>15:42-15:54</td>
</tr>
<tr>
<td>FC092 A Comparison Of Two Different Digital Model Analysis Programs Burcu Aydin</td>
<td>15:54-16:06</td>
</tr>
<tr>
<td>FC093 Antibacterial Effects Of 6 Orthodontic Bonding Materials Zeliha Muge Baka</td>
<td>16:06-16:18</td>
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<tr>
<td>FC094 Surgical Assisted Rapid Maxillary Expansion-case report Mergime Prekazi Loxha</td>
<td>16:18-16:30</td>
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### FCS16 | Free Communication Session 16 | Hall B360, B3 Floor | 28.08.2013 | 15:30 - 16:30

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<tr>
<td>FC095 Endodontic Articles Published in Pubmed-Indexed Journals from Turkey Emel Uzunoglu</td>
<td>15:30-15:42</td>
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<tr>
<td>FC096 Effect of radiotherapy on the sealing ability of obturating materials Aseem Prakash Tikku</td>
<td>15:42-15:54</td>
</tr>
<tr>
<td>FC097 Effect of Zoledronate Therapy on Bone Loss in Experimental Periapical Lesions in Rats Manuel Marques Ferreira</td>
<td>15:54-16:06</td>
</tr>
<tr>
<td>FC098 Effectiveness Of Irrigation Activation Protocols On Smear Layer and Debris Removal İsmail Davut Çapar</td>
<td>16:06-16:18</td>
</tr>
<tr>
<td>FC099 Microirricodontics Anuj Bhardwaj</td>
<td>16:18-16:30</td>
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<tr>
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<tr>
<td>FC100 Antimicrobial efficacy of Salvadora persica extracts on orthodontic brackets Nimmi Biju Abraham</td>
<td>09:00-09:12</td>
</tr>
<tr>
<td>FC101 Assessment of Fluctuating Asymmetry in Various Malocclusions Saima Nizar Hirji</td>
<td>09:12-09:24</td>
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<td>FC102 Camouflage- a viable option for treatment of skeletal Class III malocclusion Vaishali Devidas Vadgaonkar</td>
<td>09:24-09:36</td>
</tr>
<tr>
<td>FC103 Comparison of Shear Bond Strength between waterlase laser and sandblasting recycling methods on stainless steel orthodontic brackets Aida Nur Ashikin Abd Rahman</td>
<td>09:36-09:48</td>
</tr>
<tr>
<td>FC104 The effect of water flow rate used for laser surface treatment on shear bond strength of orthodontic brackets Rıdvan Okşayan</td>
<td>09:48-10:00</td>
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<tr>
<td>FC105 Dental plaque associated with self-ligating brackets during orthodontic treatment Saud A Al Anezi</td>
<td>10:00-10:12</td>
</tr>
<tr>
<td>FC106 The Effects of Extremely Low Frequency Electromagnetic Fields on Orthodontic Tooth Movement Beyza Karadede</td>
<td>10:12-10:24</td>
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<tr>
<td>FC107 Disinfection of Thermoplastic Appliances Atılın Akkurt</td>
<td>10:24-10:36</td>
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<tr>
<td>FC109 Relationship between Cervical Column Morphology and Skeletal Deep Bite Leyli Sadri</td>
<td>10:48-11:00</td>
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<tr>
<td>FC110 Investigation of cement-Y-TZP bond-strength after different surface treatments Bengisu Yıldırım</td>
<td>09:00-09:12</td>
</tr>
<tr>
<td>FC111 Effect of curing mode on microhardness of resin-modified vs conventional glassionomer Mohamed Hussein Zaazou</td>
<td>09:12-09:24</td>
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<td>FC112 Effect of different exposure times on the amount of residual monomer released from adhesive systems Mustafa Altunsoy</td>
<td>09:24-09:36</td>
</tr>
<tr>
<td>FC113 Effect of Surface-treatments on Bonding of Composites to Porcelain Hatice Özdemir</td>
<td>09:36-09:48</td>
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<tr>
<td>FC114 Effects of boron on the physical properties of PMMA Derya Özdemir Doğan</td>
<td>09:48-10:00</td>
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<tr>
<td>FC115 Effects of calcium-silicate based materials on the dentine Ewelina Mielko</td>
<td>10:00-10:12</td>
</tr>
<tr>
<td>FC116 Effects of Different Accelerators on Setting Properties of Mineral Trioxide Aggregate Halenur Onat</td>
<td>10:12-10:24</td>
</tr>
<tr>
<td>FC117 Advantage of combined amalgam-composite restoration: In vitro leakage study Fadhel Ali Alsanabani</td>
<td>10:24-10:36</td>
</tr>
<tr>
<td>FC118 Influence of TiO2 nanoparticles on surface microhardness and roughness of experimental resin composites Zeynep Yegin</td>
<td>10:36-10:48</td>
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<tr>
<td>FC119 Cytotoxicity of resin cements on bovine pulp-derived cells Necla Demir</td>
<td>10:48-11:00</td>
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<td>FC120 Dental Status of Primary School Pupils at AL-Sheik Othman District, Aden 2009</td>
<td>09:00-09:12</td>
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<tr>
<td>FC121 A minimal invasive technique in managing carious primary anterior teeth</td>
<td>09:12-09:24</td>
</tr>
<tr>
<td>FC122 Effect of Acid Etching and Different Er:YAG Laser Procedures on Microleakage of Three Different Fissure Sealants in Primary Teeth after Aging</td>
<td>09:24-09:36</td>
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<tr>
<td>FC123 Antibacterial effect of novel formulations containing Lysozyme and Lactoferrin</td>
<td>09:36-09:48</td>
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<td>FC124 Effect of cpp-acp on hard dental tissues remineralization</td>
<td>09:48-10:00</td>
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<td>FC125 Effect of water rinsing after APF gel on plaque acidity</td>
<td>10:00-10:12</td>
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<tr>
<td>FC126 Mineral mapping of incipient fissure enamel lesions</td>
<td>10:12-10:24</td>
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<tr>
<td>FC127 Consequences of untreated caries in preschool children expressed according to Pufa-index</td>
<td>10:24-10:36</td>
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<td>FC128 Natural mouthwash provides long term dental prevention</td>
<td>10:36-10:48</td>
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<tr>
<td>FC129 Oral hygiene and dental caries in 5- to 6-year-old children in Ajman, UAE</td>
<td>10:48-11:00</td>
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<tr>
<td>FC130 E-Cadherin as a marker for nodal metastasis in Head and Neck Squamous cell carcinoma</td>
<td>09:00-09:12</td>
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<tr>
<td>FC131 Expression Of Alpha Smooth Muscle Actin On Stromal Myofibroblasts In Oral Squamous Cell Carcinoma</td>
<td>09:12-09:24</td>
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<tr>
<td>FC132 The role of a fluorescence screening method in the detection of oral precancer and cancer</td>
<td>09:24-09:36</td>
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<tr>
<td>FC133 A Case of Aggressive Calcifying Cystic Odontogenic Tumor</td>
<td>09:36-09:48</td>
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<tr>
<td>FC134 A rare foreign body within a radicular cyst in a child</td>
<td>09:48-10:00</td>
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<tr>
<td>FC135 Assault Related oral and maxillofacial injuries reported at General hospital dental centre, Lagos, Nigeria</td>
<td>10:00-10:12</td>
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<tr>
<td>FC136 Clinicopathological Significance of Survivin Expression in Odontogenic Tumors</td>
<td>10:12-10:24</td>
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<tr>
<td>FC137 The contribution of 3D navigation in the implanto-prosthetic rehabilitation</td>
<td>10:24-10:36</td>
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<tr>
<td>FC138 Epidemiological considerations for stage 0 bisphosphonate-associated maxillary osteonecrosis</td>
<td>10:36-10:48</td>
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<tr>
<td>FC032 Can hydrophilic fissure sealants be acceptable alternative to hydrophobic sealants?</td>
<td>10:48-11:00</td>
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<tr>
<td>FC139 Can Mothers Be Empowered to Screen Dental Caries In Their Own Preschool Children? Syarifah Haizan, Sayed Kamar</td>
<td>11:30-11:42</td>
</tr>
<tr>
<td>FC140 Caries Experience in 6-15 years old type 1 Diabetic children in Karachi Anjum Younus Mirker</td>
<td>11:42-11:54</td>
</tr>
<tr>
<td>FC141 Delay in Diagnosis Of Oral Cancer In Malaysian Population Ngah Nurul Aida</td>
<td>11:54-12:06</td>
</tr>
<tr>
<td>FC142 Effect of Doctor patient communication on Patient Satisfaction Afesobi Afunbiokin Leo Olagbaye</td>
<td>12:06-12:18</td>
</tr>
<tr>
<td>FC143 Primary oral health care and optimal oral health Miljana Miljko Petrović &amp; Punoševac</td>
<td>12:18-12:30</td>
</tr>
<tr>
<td>FC144 Analysis of incidence and types of complete denture fractures Funda Erol</td>
<td>11:30-11:42</td>
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<tr>
<td>FC145 Assessment of dimensional stability and accuracy of three different elastomeric impression materials using micro-computed tomography Yılmaz Umut Aslan</td>
<td>11:42-11:54</td>
</tr>
<tr>
<td>FC146 Biomechanical aspects in prosthetic rehabilitation through removable partial denture Ovidiu Stamatin</td>
<td>11:54-12:06</td>
</tr>
<tr>
<td>FC147 Bond Strength of Different Adhesive Systems on Resin-bonded FDPs with Different Inlay-retainer Designs Ediz Kale</td>
<td>12:06-12:18</td>
</tr>
<tr>
<td>FC148 Relationship between satisfaction with complete dentures and basal seat characteristics Bolanle Oyeyemi Akinboboye</td>
<td>12:18-12:30</td>
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### FCS23 | Free Communication Session 23 | Hall B343, B3 Floor | 29.08.2013 | 11:30 - 12:30

<table>
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<tr>
<td>FC149 Extrinsic Stain Removal With a Toothpowder: A Randomized Controlled Trial Muhammad Khalil Khan</td>
<td>11:30-11:42</td>
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<tr>
<td>FC150 Findings in the Periodontium of Children Exposed to Environmental Tobacco Smoke Basma Mostafa Zaki</td>
<td>11:42-11:54</td>
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<tr>
<td>FC151 Using of ibandronic acid in therapy of periodontal disease Iryna Mazur</td>
<td>11:54-12:06</td>
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<tr>
<td>FC152 Romanian young adults’ periodontal risk exposure and oral health behavior - a pilot study Mariana Caramida</td>
<td>12:06-12:18</td>
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<td>FC153 The effect of secondary hemodialysis therapy on periodontium Martu Alexandra</td>
<td>12:18-12:30</td>
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### FCS24 | Free Communication Session 24 | Hall B360, B3 Floor | 29.08.2013 | 11:30 - 12:30

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<tr>
<td>FC155 Advanced Modalities In Dental Implant Imaging Walid Samir Salem</td>
<td>11:42-11:54</td>
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<tr>
<td>FC156 Avoiding crestal bone overload and microgaps - Biomechanics of conical implant-abutment connections Philipp Streckbein</td>
<td>11:54-12:06</td>
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<tr>
<td>FC157 Can Implants Successfully Supports Fixed Ceramic Fused To Metal Prosthesis In Periodontally Compromised Mouths Saad Yasin Nori</td>
<td>12:06-12:18</td>
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<tr>
<td>FC158 Block Allografts with and without Membranes in Horizontal Ridge Augmentation Omid Moghaddas</td>
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<tr>
<td>FC159 Oral Health Knowledge and Behavior among 12-Year Olds Female Students Eman Abdalhamed Almenezaa</td>
<td>14:00-14:12</td>
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<td>FC160 Malaysian adult oral health scenario: changes over a decade Siew Lian Yaw</td>
<td>14:12-14:24</td>
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<td>FC161 Odontogenic infections due to the untreated caries in children Teuta Ademaj Kutllovci</td>
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<td>FC162 Epidemiological study of Oral Cancer in Colombia:1990-2009 Angel Emilio Bernal</td>
<td>14:36-14:48</td>
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<td>FC163 Assessing oral health related quality of life in oncologic patients Süleyman Ziya Şenyurt</td>
<td>14:48-15:00</td>
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<td>FC164 Orthodontic Management of Impacted Teeth Amr Nabil Asker</td>
<td>14:00-14:12</td>
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<td>FC165 Effect of Intra-Arch Tooth-Size Arch-Length Discrepancy on the Accuracy of Digital Models in Orthodontic Diagnosis Ramy Mohammed Fathy</td>
<td>14:12-14:24</td>
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<td>FC166 Effect of Menstrual Cycle on Orthodontic Pain Perception Zehra Ileri</td>
<td>14:24-14:36</td>
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<td>FC167 Effect of the bracket types on microbial colonization and periodontal status Fatma Deniz Uzuner</td>
<td>14:36-14:48</td>
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<td>FC168 Effects of Self-Ligating Brackets on Halitosis, Periodontal and Microbial Parameters Serpil Çokakoğlu</td>
<td>14:48-15:00</td>
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<tr>
<td>Evaluation of Maxillar Incisor Proportions in Turkish Population</td>
<td>14:00-14:12</td>
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<td>Gökçe Meriç</td>
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<td>Effect of in-office bleaching units on composite shear bond strength</td>
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<td>Homayoon Alaghehmand</td>
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<td>Er:YAG laser assisted labial frenectomies</td>
<td>14:24-14:36</td>
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<td>Marina Jugoslav Kcarska</td>
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<td>The Use of the Five Year Index by Dental Students for Assessing Dental Arch Relationships in Patients with Unilateral Cleft Lip and Palate</td>
<td>14:36-14:48</td>
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<td>Beyza Tagrikulu</td>
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<tr>
<td>Replacement of Missing teeth on Adolescent Patients after Orthodontic Treatment</td>
<td>14:48-15:00</td>
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<td>Edlira Papa</td>
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<td>Comparative evaluation of Chronic Periapical Lesions diagnosis based on conventional radiography semi-serial sections histopathology and serial sections histopathology</td>
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<td>Resmije Ademi</td>
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<td>Immediate Implant Placement in Esthetic Zone for Class III Patient</td>
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<td>Rafaat Taher Swesi</td>
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<td>Impact of local vitamin D application on alveolar bone regeneration: a pre-clinical study</td>
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<td>Gabriella Dvorak</td>
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<td>Documentation of WHO Surgical Safety Checklist in Oral Surgery</td>
<td>14:36-14:48</td>
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<td>Gezala Umar</td>
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<td>Dry socket incidence after third molar extraction using chlorhexidine gel 1%</td>
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<td>Jehona Reçica Ahmed</td>
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<td>Antimicrobial activities of essential oil of Nigella sativa against Periodontal disease</td>
<td>15:30-15:42</td>
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<td>The influence of CD4+T cell counts on HIV-associated periodontal disease</td>
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<td>Impact of Scaling and Root Planing on Red Complex Periodontopathogens in Generalized Aggressive Periodontitis</td>
<td>15:54-16:06</td>
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<td>Subantimicrobial-dose doxycycline as adjunctive treatment for periodontitis in diabetics</td>
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<td>Treatment of periodontal infrabony defects with demineralised freeze dried bone allograft alone or in combination with platelet rich fibrin</td>
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<td>Effect of Menstrual Cycle on Frequency of Alveolar Osteitis in Women Undergoing Surgical Removal of Mandibular Third Molars a Single-blind Randomized Clinical Trial</td>
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<tr>
<td>How much should the dentist know about medical conditions?</td>
<td>15:42-15:54</td>
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<td>Cell- and Gene-expression in peri-implant soft tissue during dental implant healing</td>
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<tr>
<td>Placement and Replacement of Restorations in General Dental Practice</td>
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<td>Screening and Identifying Tooth Shade in Group of Sudanese Patients</td>
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<tr>
<td>FC189 The effect of liquid polishing materials on stainability of provisional material <strong>Haluk Baris Kara</strong></td>
<td>15:30-15:42</td>
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<td>FC190 Comparison of aging and repair methods on composite-zirconia bonding <strong>Gözde Çelik</strong></td>
<td>15:42-15:54</td>
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<td>FC191 Effects of boron on the cytotoxicity and antiseptic properties of PMMA <strong>Hakan Akin</strong></td>
<td>15:54-16:06</td>
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<td>FC192 Compatibility of hard chairside reline resins and denture cleansers: Influence on surface roughness <strong>Ozlem Kara</strong></td>
<td>16:06-16:18</td>
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<td>FC193 The prosthetic rehabilitation of a patient with Down syndrome <strong>Teuta Pustina-krasniqi</strong></td>
<td>16:18-16:30</td>
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<td>FC195 Morphometric Of Upper First Premolar Among Different Ethnic Groups In Klang Valley, Malaysia <strong>Normaliza Ab. Malik</strong></td>
<td>15:42-15:54</td>
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<td>FC196 Multidisciplinary approach to a complicated crown-root fracture: A case report <strong>Tuba Gök</strong></td>
<td>15:54-16:06</td>
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<td>FC197 New Root Canal Sealer Based On Calcium Silicate - Chitosan <strong>Raid Fahim Salman</strong></td>
<td>16:06-16:18</td>
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<td>FC198 Microleakage of root canals treated with laser, PDT and NaOCl <strong>Tzvetelina Gueorgieva Gueorgieva</strong></td>
<td>16:18-16:30</td>
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<tr>
<td>09:00-09:12</td>
<td>FC199 Enamel remineralization by toothpastes (SEM, EDX and 3D-stereomicrographic study) Elizabeta S Gjorgievska</td>
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<td>09:12-09:24</td>
<td>FC200 Evaluation and comparison of the shear bond strength of three different metal-ceramic repair systems Gulsüm Sayın</td>
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<td>09:24-09:36</td>
<td>FC201 Evaluation of bond strength of two self-etching agents after different laser etching Abdül Semih Ozsevik</td>
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<td>09:36-09:48</td>
<td>FC202 Evaluation of Premature Contacts and Occlusal Balance of Complete Dentures Duygu Kürklü</td>
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<td>09:48-10:00</td>
<td>FC203 Microshear bond strength of preheated silorane-based composite resin to dentin Muhammed Çayabatmaz</td>
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<td>10:00-10:12</td>
<td>FC204 Radiopacity of Flowable Composite Resins Derya Yıldırım</td>
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<td>10:12-10:24</td>
<td>FC205 SEM investigation of the enamel surface after laser assisted tooth bleaching Marija Stevanovikj</td>
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<td>10:24-10:36</td>
<td>FC206 The effect of photo-activated disinfection (PAD) on microshear bond strength of adhesives Sezer Demirbuğa</td>
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<td>10:36-10:48</td>
<td>FC207 Development of a new aproach to the periodontal regeneration Carlos Viegas</td>
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<td>10:48-11:00</td>
<td>FC208 The effect of three different blood stoppers on microshear bond strength of self etch adhesives Yahya Orçun Zorba</td>
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<td>09:00-09:12</td>
<td>FC209 Do Different Veneering Techniques Affect Mechanical Performance of Zirconia Framework? Burcu Kanat</td>
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<td>09:12-09:24</td>
<td>FC210 Effect of different mucosa thickness on stress distribution of two types implant-supported overdenture designs Özgün Yusuf Özyılmaz</td>
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<td>09:24-09:36</td>
<td>FC211 Effect of insertion and removal of tooth supported overdentures on retention strength and fatigue resistance of two commercially available attachment systems Sagar Jagdish Abichandani</td>
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<td>09:36-09:48</td>
<td>FC212 Effect of laser on the bond strength between zirconium-oxide ceramic and dental porcelain Seda Keban</td>
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<td>09:48-10:00</td>
<td>FC213 Effect of the dental arches morphology on the masticatory muscles activities Teresa Sierpinska</td>
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<td>10:00-10:12</td>
<td>FC214 Effect-of-Silane Applied to Glass-Ceramics at Different Temperatures on Surface Structure and Bonding Strength Tevfik Yavuz</td>
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<td>FC215 Laser-assisted treatment of TMD Julia Emil Kamenoff</td>
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<td>FC216 Prevalence Of Temporomandibular Joint Disorders Among The Dental Students Zeliha Şanıvar</td>
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<td>FC217 Micro CT evaluation of air bubbles in luting cements after cementation Meral Arslan Malkoç</td>
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<td>FC218 A comparison of accuracy of four different impression materials Ayşe Gözde Türk</td>
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<td>FC219 Long Term Follow up For Replanted Tooth remained extraorally for 7 days With Success. Case Report</td>
<td>09:00-09:12</td>
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<td>AbdAlmonem Mabrok Aljibani</td>
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<td>FC220 Platelet Rich Fibrin: A newer approach for regenerative endodontics</td>
<td>09:12-09:24</td>
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<td>Neelam Mittal</td>
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<td>FC221 Self-Adjusting File separation during clinical use: An international survey</td>
<td>09:24-09:36</td>
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<td>Eleftherios Terry R Farmakis</td>
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<td>FC222 Management of pulpless teeth with immature apices – a clinical &amp; radiographic study</td>
<td>09:36-09:48</td>
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<td>Surendra Kumar Mishra</td>
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<td>FC223 The role of apical surgery in guided tissue regeneration</td>
<td>09:48-10:00</td>
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<td>Ayse Nazli Ozgun</td>
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<td>FC224 Tooth discoloration induced by different dental materials</td>
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<td>Tringa Kelmendi</td>
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<td>FC225 WaveOne NiTi single file reciprocating system for Root Canal Preparation</td>
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<td>Mohammad Shamsul Alam</td>
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<td>FC226 Fracture resistance of flared canals obturated with new obturation materials</td>
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<td>Salma Abdo</td>
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<td>FC227 Evaluation of the duration of continuous ultrasonic irrigation in the removal of dentinal debris in the apical third: An experimental study</td>
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<td>Ibrahim Ethem Yaylali</td>
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<td>FC228 Effect of Insulin Growth Factor-1 and Bone Morphogenetic Protein 2on The Osteogenic Capability of Isolated Dental Pulp Stem Cells</td>
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<td>Effat Ahmed Abbass</td>
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<td>FC229 Do we explain “the dental implant” correctly to our patients?</td>
<td>09:00-09:12</td>
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<td>Halenur Bilir</td>
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<td>FC230 The effect of shape optimization of platform switching of a dental implant on static, dynamic and fatigue behavior by 3-D finite element method</td>
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<td>Emir Yüzbəşoğlu</td>
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<td>FC231 Evaluation the accuracy of two implant impression techniques with malposed implants</td>
<td>09:24-09:36</td>
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<td>Zeynep Irkeç</td>
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<td>FC232 Five-year clinical evaluation using two different attachment systems for two-implant supported mandibular overdentures</td>
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<td>Sadullah Üçtaşlı</td>
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<td>FC233 Immediate loading of implants in edentulous mandibles with Locator® or Dolder®-bar: first results from a prospective randomized clinical study</td>
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<td>Constantin Eiffler</td>
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<td>FC234 Strength evaluation of three implant-abutment connection under compressive loading</td>
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<td>Azam Sadat Mostafavi</td>
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<td>FC235 Sinus floor elevation using a sintered, natural bone mineral. A histomorphometrical case report study</td>
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<td>Daniel Rothamel</td>
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<td>FC236 Labio-lingual dimensions changes after horizontal bone augmentation with xenografts</td>
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<td>Enis Fikret Ahmed</td>
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<td>FC237 Intra-oral halitosis patients with dental implants</td>
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<td>Anna Voronina</td>
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<td>FC238 Difficult cases and their clinical solution</td>
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<td>Drwalid Khalid Odeh</td>
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<td>FC239 Smile Analysis and treatment options for gummy smile patients</td>
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<td>Ahmed Korayem Abdelrahman</td>
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<td>FC240 Smile design: old problem new solutions</td>
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<td>Mostaque H Sattar</td>
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<td>FC241 Wireless Orthodontics and Flapless Dental Implants</td>
<td>11:54-12:06</td>
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<td>Ahmed A Moneim</td>
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<td>FC242 Yoga for Dental Laboratory Technicians</td>
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<td>Meenakshi Verma</td>
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<td>FC243 Cytotoxicity of hemostatic agents on the human gingival fibroblast</td>
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<td>Çağatay Barutcigil</td>
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<td>FC244 Two-body wear of five provisional crown materials</td>
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<td>Hanefi Kurt</td>
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<td>FC245 Vestibular deepening with the aid of the diode laser: Clinical experiences</td>
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<td>Nermin Demirkol</td>
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<td>FC246 Visual and instrumental agreement in dental shade selection</td>
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<td>Buket Evren</td>
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<td>FC247 Microleakage of inlay ceramic systems luted with resin cements</td>
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<td>Elif Saran</td>
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<td>FC248 Needs and demands for prosthetic treatment of missing teeth among Jordanian population</td>
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<td>Gadeer Elea, Mukatash Nimrin</td>
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<td>FC249 A retrospective study of Oral Lichen Planus in adult population in Greece</td>
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<td>Aikaterini Dimitriou</td>
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<td>FC250 Clinical assessment and characteristics of a group of Turkish patients with oral mucosal diseases</td>
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<td>Asuman Akgün</td>
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<td>FC251 Lupus patient – The dentist has a very important role to play</td>
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<td>Shegufta Mohammad</td>
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<td>FC252 The effect of supersaturated calcium-phosphate oral rinse on oral yeasts infection</td>
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<td>Marinka Mravak Stipetic</td>
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<td>FC253 Oral health and Oral Hygiene Practices among Institutionalized Orphans, Yemen</td>
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<td>Esam Halboub</td>
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<td>FC259 Community–Oriented Primary Oral Health Care in Nigeria: The Abeokuta Initiative</td>
<td>14:00-14:12</td>
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<td>Sherifat Omolola Quadri</td>
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<td>FC260 Continuous development of an oral health score for clinical audit</td>
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<td>Michael Clive Busby</td>
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<td>FC261 Trends in Caries Status of Schoolchildren in Malaysia</td>
<td>14:24-14:36</td>
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<td>Noor Aliyah Ismail</td>
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<td>FC262 Betel Nut Chewing Associated With Severe Periodontitis-Case Report</td>
<td>14:36-14:48</td>
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<td>Dhirendra Kumar Giri</td>
<td></td>
</tr>
<tr>
<td>FC263 deo2u: an innovation in dental education online</td>
<td>14:48-15:00</td>
</tr>
<tr>
<td>Mahyunah Masud</td>
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</tbody>
</table>

**FCS42 | Free Communication Session 42 | Hall B343, B3 Floor | 30.08.2013 | 14:00 - 15:00**

<table>
<thead>
<tr>
<th>Abstract Title/Presenter</th>
<th>Schedule</th>
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<tbody>
<tr>
<td>FC264 Mandibular and Lumbar Bone Mineral Density with QCT in Egyptian Females</td>
<td>14:00-14:12</td>
</tr>
<tr>
<td>Dina Mohamed El Beshlawy</td>
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</tr>
<tr>
<td>FC265 The phenomenon of ectopic eruption of the teeth clinical point of view</td>
<td>14:12-14:24</td>
</tr>
<tr>
<td>Khaled Mohamed Mansour</td>
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<tr>
<td>FC266 The titanium meshes effectiveness in reconstructing three-dimensional alveolar defects</td>
<td>14:24-14:36</td>
</tr>
<tr>
<td>Giuseppe Lizio</td>
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</tr>
<tr>
<td>FC267 Treatment of Peri-implant Mucosal Hyperplasia Using Er:YAG (2940 nm) Laser</td>
<td>14:36-14:48</td>
</tr>
<tr>
<td>Zekai Yaman</td>
<td></td>
</tr>
<tr>
<td>FC268 Unusual case of facial asymmetry</td>
<td>14:48-15:00</td>
</tr>
<tr>
<td>Reem Hanna</td>
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<tr>
<td>Abstract Title/Presenter</td>
<td>Schedule</td>
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<tr>
<td>FC269 An Assessment of Prescription Writing Skill in</td>
<td>14:00-14:12</td>
</tr>
<tr>
<td>Undergraduate Dental Students Ashfaq Akram</td>
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<tr>
<td>FC270 Capacity of Kenyan Health Facilities for Decentralized</td>
<td>14:12-14:24</td>
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<tr>
<td>Dental Training Marjorie Kaswii Muasya</td>
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<tr>
<td>FC271 Internationally Trained Dental Programs in the United</td>
<td>14:24-14:36</td>
</tr>
<tr>
<td>States of America Ival G Mcdermott</td>
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<tr>
<td>FC272 Is evidence based practice implemented by todays'</td>
<td>14:36-14:48</td>
</tr>
<tr>
<td>European students Elpida Samara</td>
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<tr>
<td>FC273 Research in Evidence-Based Dentistry for the General</td>
<td>14:48-15:00</td>
</tr>
<tr>
<td>Practice Francesco Chiappelli</td>
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<tr>
<td>FC274 Patients preference according to doctors gender and</td>
<td>15:30-15:42</td>
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<tr>
<td>age Jeta Kelmendi</td>
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<tr>
<td>FC275 Reducing the Colonization of Bacteria in Dental Unit</td>
<td>15:42-15:54</td>
</tr>
<tr>
<td>Waterlines and Wastewaters Resmiye Ebru Tirali</td>
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<tr>
<td>FC276 Smoking among Dental Students in Tunisia Fethi Maatouk</td>
<td>15:54-16:06</td>
</tr>
<tr>
<td>FC277 Interdisciplinary approaches to diagnosis of functional</td>
<td>16:06-16:18</td>
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<tr>
<td>statement of dental system Evgeny Solovykh</td>
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</tr>
<tr>
<td>FC278 Switching to CBCT: is it beneficial to the dental</td>
<td>16:18-16:30</td>
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<tr>
<td>practitioner? Mushira Mohamed Dahaba</td>
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</tbody>
</table>

FCS43 | Free Communication Session 43 | Hall B360, B3 Floor | 30.08.2013 | 14:00 - 15:00

FCS44 | Free Communication Session 44 | Hall B343, B3 Floor | 30.08.2013 | 15:30 - 16:30
### FCS45 | Free Communication Session 45 | Hall B343, B3 Floor | 30.08.2013 | 15:30 - 16:30

<table>
<thead>
<tr>
<th>Abstract Title/Presenter</th>
<th>Schedule</th>
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<tbody>
<tr>
<td>FC279 My Guiding Principles For Long Term Implant Success Mahmood Hussain Qureshi</td>
<td>15:30-15:42</td>
</tr>
<tr>
<td>FC280 Photoelastic Stress Analysis of 3 Implant Retained Mandibular Overdentures Emre Tokar</td>
<td>15:42-15:54</td>
</tr>
<tr>
<td>FC281 Predictable Prognosis of Immediate Implant Placement for Retained Deciduous Siti Mariam Ab Ghani</td>
<td>15:54-16:06</td>
</tr>
<tr>
<td>FC282 Resorbable versus nonresorbable barrier with immediate implantation after functional loading Sahar elkholy</td>
<td>16:06-16:18</td>
</tr>
<tr>
<td>FC283 Clinical evaluation of submerged and nonsubmerged implants for single-tooth replacements İrem Türkcan</td>
<td>16:18-16:30</td>
</tr>
</tbody>
</table>

### FCS46 | Free Communication Session 46 | Hall B360, B3 Floor | 30.08.2013 | 15:30 - 16:30

<table>
<thead>
<tr>
<th>Abstract Title/Presenter</th>
<th>Schedule</th>
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<tbody>
<tr>
<td>FC284 Gradual versus immediate restoration of occlusal vertical dimension Mai Salah Eldin</td>
<td>15:30-15:42</td>
</tr>
<tr>
<td>FC285 Improve Surface Topography of Silicone Elastomer for Maxillofacial Prostheses Salah Khalaf Al Rawi</td>
<td>15:42-15:54</td>
</tr>
<tr>
<td>FC286 Panoramic Radiograpic Findings of Implant-supported Mandibular Overdentures Zeynep Yegen</td>
<td>15:54-16:06</td>
</tr>
<tr>
<td>FC287 Microhardness and surface roughness of denture teeth stored in various beverages Şule Tuğba Özak</td>
<td>16:06-16:18</td>
</tr>
<tr>
<td>FC288 Shear Bond Strength of Metal Brackets to Different Ceramics Pinar Cevik</td>
<td>16:18-16:30</td>
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<td>Abstract Title/Presenter</td>
<td>Schedule</td>
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<tr>
<td>FC289 Reliability of YENangle and MVI as New Sagittal dysplasia Indicators</td>
<td>09:00-09:12</td>
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<tr>
<td>Mohammed Hossam, Eldeen Elnagar</td>
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<tr>
<td>FC290 Evaluation of the Cleft Lip and Palate patients in the Southeast Anatolia Region Between 2006-2012 Years</td>
<td>09:12-09:24</td>
</tr>
<tr>
<td>Nursezen Çağatay</td>
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<tr>
<td>FC291 Face Driven Orthodontics</td>
<td>09:24-09:36</td>
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<tr>
<td>Khaled Samir Aboulazm</td>
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<tr>
<td>FC292 The Orthodontic Evaluation of Adolescent Celiac Patient</td>
<td>09:36-09:48</td>
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<td>Merve Göymen</td>
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<tr>
<td>FC293 The Replacement of Missing teeth on Adolescent Patients after Orthodontic Treatment</td>
<td>09:48-10:00</td>
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<tr>
<td>Edlira Baruti</td>
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<tr>
<td>FC294 Three dimensional mapping of inter-radicular distances and cortical bone thickness in patients with different vertical facial dimensions</td>
<td>10:00-10:12</td>
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<tr>
<td>Mais Medhat Sadek</td>
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<tr>
<td>FC295 Low Level Laser Therapy for Accelerated Orthodontic Tooth Movement</td>
<td>10:12-10:24</td>
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<tr>
<td>Shahul Hameed Faizee</td>
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<tr>
<td>FC296 Masticatory efficiency in subjects with Angle malocclusion class II division 1 and malocclusion class II division 2</td>
<td>10:24-10:36</td>
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<tr>
<td>Vesna Jankulovska</td>
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<tr>
<td>FC297 Early preventive orthodontics and multidisciplinary approach in pediatric dentistry</td>
<td>10:36-10:48</td>
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<tr>
<td>Vesna Barac Furtinger</td>
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<tr>
<td>FC298 Does orthodontic treatment improve the quality of life?</td>
<td>10:48-11:00</td>
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<tr>
<td>Md Nazmul Hasan</td>
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<td>Abstract Title/Presenter</td>
<td>Schedule</td>
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<tr>
<td>Effects of splint therapy on temporomandibular joint disorders with respect to anxiety and depression Nazlı Zeynep Aktaş</td>
<td>09:00-09:12</td>
</tr>
<tr>
<td>Epidemiological study of fixed prostheses effects on the interproximal space Dalenda Hadyaoui</td>
<td>09:12-09:24</td>
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<tr>
<td>Esthetic outcome evaluation of maxillary anterior single tooth bone level implants Erkut Kahramanoğlu</td>
<td>09:24-09:36</td>
</tr>
<tr>
<td>Evaluation of bonding strength of repair system on zirconia restoration Ayşe Tuba Öğreten</td>
<td>09:36-09:48</td>
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<tr>
<td>Growth of microorganisms on patients with dentures, in vivo study Leandro E Feliz</td>
<td>09:48-10:00</td>
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<tr>
<td>Impact of Type of Denture On Oral Health Related Quality of Life (OHFQoL) İşıl Özcan</td>
<td>10:00-10:12</td>
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<tr>
<td>Influence of laser application on bond strength of fiber posts Nesrin Ceren</td>
<td>10:12-10:24</td>
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<tr>
<td>Influence of Shade of Resin Cement on Polymerization Shrinkage Ender Akan</td>
<td>10:24-10:36</td>
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<tr>
<td>Radiofrequency heating and magnetic field interactions of fixed partial dentures during 3-Tesla magnetic resonance imaging Simel Ayyıldız</td>
<td>10:36-10:48</td>
</tr>
<tr>
<td>Effect of polymeric guanidine on disinfection of denture base material Ayşegül Kurt</td>
<td>10:48-11:00</td>
</tr>
<tr>
<td>Horizontal alveolar ridge augmentation using standardized press-fit bone cylinders and micro-lag-screw fixation; technical note and initial experience Roland Streckbein</td>
<td>09:00-09:12</td>
</tr>
<tr>
<td>Effect of Platelet-rich Fibrin application during implant surgery: Two years results Yıldız Ozkan</td>
<td>09:12-09:24</td>
</tr>
<tr>
<td>Management of a giant-cell tumor associated with an impacted canine Radhia Ben Ali</td>
<td>09:24-09:36</td>
</tr>
<tr>
<td>Management of two large radicular cysts with enucleation and orthograde retreatment Asuman Eroğlu</td>
<td>09:36-09:48</td>
</tr>
<tr>
<td>Mechanism of Rescue for the Secondary Palate Cleft with Overexpression of Smad2 Husein A Al Omer</td>
<td>09:48-10:00</td>
</tr>
<tr>
<td>Evaluation of Implant placement in extraction sockets of periodontally involved teeth Using β-Tricalcium Phosphate with Bone Morphogenetic Protein Yasser Mohamed El Makaky</td>
<td>10:00-10:12</td>
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<tr>
<td>Predictable Guided Bone regeneration in the aesthetic zone Dimitrios Zabaras</td>
<td>10:12-10:24</td>
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<tr>
<td>Impact of citric acid etching on biocompatibility and oseous organisation of a natural bovine bone mineral Tim Fienitz</td>
<td>10:24-10:36</td>
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<tr>
<td>Effectiveness Of Diode Laser In Reducing Postoperative Complications Cennet Neslihan Eroğlu</td>
<td>10:36-10:48</td>
</tr>
<tr>
<td>Efficacy of Taking Buprenorphine Sublingual Tab on Postoperative Analgesia in Mandibular Third Molar Surgery Ebrahim Rahnama</td>
<td>10:48-11:00</td>
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<td>Abstract Title/Presenter</td>
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<tr>
<td>FC329 Problems associated with thermoplastic resins for non-metal clasp removable partial dentures</td>
<td>11:30-11:42</td>
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<tr>
<td>Stavros Yannikakis</td>
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<tr>
<td>FC330 Prosthetic treatment needs of partially and completely edentulous patients</td>
<td>11:42-11:54</td>
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<td>Sinem Ok</td>
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<tr>
<td>FC331 Prosthodontics rehabilitation for the elderly with severe tooth wear</td>
<td>11:54-12:06</td>
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<td>Teh Adilla Mustaza</td>
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<tr>
<td>FC332 Proximal-box dimensions software for FRC prosthesis: a finite element analysis</td>
<td>12:06-12:18</td>
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<tr>
<td>Niloofar Moharrami</td>
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<tr>
<td>FC333 Quality of life assessment in patients with facial prosthesis</td>
<td>12:18-12:30</td>
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<tr>
<td>Banu Karayazgan Saraçoğlu</td>
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**Abstract Title/Presenter**

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<tr>
<td>11:30-11:42</td>
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<td>11:42-11:54</td>
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<td>11:54-12:06</td>
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<td>12:06-12:18</td>
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<td>12:18-12:30</td>
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<td>Abstract Title/Presenter</td>
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<tr>
<td>FC339 Dentin matrix proteins (DMPs) enhance differentiation of BM MSCs via ERK and P38 MAPK pathways Guangdong Zhang</td>
</tr>
<tr>
<td>FC340 Evaluating of push-out bond strength between composite core build up and fiber-reinforced posts after different surface treatments Hakan Arslan</td>
</tr>
<tr>
<td>FC341 Efficacy of photo-acoustic system on calcium hydroxide removal Emrah Karataşlıoğlu</td>
</tr>
<tr>
<td>FC342 Obturation With Single Cone ProTaper Universal Gutta Percha and Glass Ionomer On Mesial Drifted Second Molar Ali GOLMORADIZADEH</td>
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<tr>
<td>FC056 Minimal Fungicidal Concentration of Aloe Vera to Candida albicans in HIV People Elizabeth Fitriana Sari</td>
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<tr>
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<th>Schedule</th>
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<tbody>
<tr>
<td>FC343 Incedence Of White Spot Lesion Among Patients Treated With Self Ligating And Conventional Brackets Mucella Tezcan</td>
<td>11:30-11:42</td>
</tr>
<tr>
<td>FC344 Periodontal Status and Adiposity Status among 12-year-old Children in a Population-based Sample Colman Mcgrath</td>
<td>11:42-11:54</td>
</tr>
<tr>
<td>FC345 Prevalence of Tobacco related Oromucosal lesions in South Indian Population Srinvas Pachava</td>
<td>11:54-12:06</td>
</tr>
<tr>
<td>FC346 Effective Communication in daily dental practice Ioulia George Kontopoulou</td>
<td>12:06-12:18</td>
</tr>
<tr>
<td>FC347 The Relationship between Dental Fear, Dental Anxiety and Back Depression Tuba Orhan</td>
<td>12:18-12:30</td>
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</table>
### Poster Discussion Presentations

#### PDS01 | Poster Discussion Session 01 | Hall B332 | 30.08.2013 | 14:00 - 15:00

<table>
<thead>
<tr>
<th>Abstract Title/Presenter</th>
<th>Schedule</th>
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<tbody>
<tr>
<td>PD001 Systemic and Local Ornidazole in the Treatment of Chronic Periodontitis</td>
<td>14:00-14:05</td>
</tr>
<tr>
<td>Soulafa Mohamed Belal</td>
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<tr>
<td>PD002 Determination of different EDTA Solutions on Root Dentin Tubule Penetration</td>
<td>14:05-14:10</td>
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<tr>
<td>Sevinç Aktemur Türker</td>
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<tr>
<td>PD003 Microleakage Study of a Restorative Resin Through Radioisotopic Methods</td>
<td>14:10-14:15</td>
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<tr>
<td>Eunice Palmeirão Carrilho</td>
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<tr>
<td>PD004 Degree of Conversion and Micro-hardness of Nano-hybrid Posterior Composites</td>
<td>14:15-14:20</td>
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<tr>
<td>Maha Ebrahim Elkorashy</td>
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<tr>
<td>PD005 Oral Health Indicators in Changing Dental Care System</td>
<td>14:20-14:25</td>
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<td>Matveev Andrei</td>
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<tr>
<td>PD006 Moral dilemmas of Greek dentists in care provision</td>
<td>14:25-14:30</td>
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<td>Freideriki Paraskevi Vlachou</td>
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<td>PD007 Serial extraction in early treatment</td>
<td>14:30-14:35</td>
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<tr>
<td>Michele Tepedino</td>
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<tr>
<td>PD008 bFGF Upregulates the Expression of NGFR in PC12 Cells</td>
<td>14:35-14:40</td>
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<tr>
<td>Michiharu Shimosaka</td>
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#### PDS02 | Poster Discussion Session 02 | Hall B332 | 30.08.2013 | 15:30 - 16:30

<table>
<thead>
<tr>
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<th>Schedule</th>
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<tbody>
<tr>
<td>PD009 Oral Health Status of Children by Place of Residence</td>
<td>15:30-15:35</td>
</tr>
<tr>
<td>Riina Runnel</td>
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<tr>
<td>PD010 Prosthetic rehabilitation of a maxillo-mandibular gunshot defect clinical report</td>
<td>15:35-15:40</td>
</tr>
<tr>
<td>Demet Çağil Ayvaloğlu</td>
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<tr>
<td>PD011 Caries assessment in young children using WHO and ICDAS-II criteria</td>
<td>15:40-15:45</td>
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<tr>
<td>Anastasia Sergeevna Rodionova</td>
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<tr>
<td>PD012 Effect of prophylactic applications on enamel demineralization during orthodontic treatment</td>
<td>15:45-15:50</td>
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<td>Hande Şar Sancaklı</td>
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<tr>
<td>PD013 Work engagement among Dutch dental hygienists</td>
<td>15:50-15:55</td>
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<tr>
<td>Yvonne Buunk-Werkhoven</td>
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<tr>
<td>PD014 Evaluation of an Oral Health Improvement Programme in a Prison Setting</td>
<td>15:55-16:00</td>
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<td>Chuen Albert Yeung</td>
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<tr>
<td>PD015 Comparison of arch width dimensions among class I and class II div 1 malocclusion groups</td>
<td>16:00-16:05</td>
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<tr>
<td>Arif Pyarali Suleman</td>
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</tbody>
</table>
Poster Presentations

28 August 2013, Wednesday

PS01 | Poster Session 01 | Poster Area / Exhibition
Section A - B4 Floor | 28.08.2013 | 09:00 - 16:30

Abstract Title/Presenter

P001 Restoration of non-caries cervical lesion in the first maxillary premolar
Xiao Xu

P002 Lactotransferrin gene polymorphism in children with dental caries
Michaela Volckova

P003 Subgingival Class V Composite Restorations using Miniflap Technique
oun Hee Cho

P004 Evaluation of the prevalence and risk factors of Mucous Retention Cyst
Maryam Ehsani

P005 Origin of fractures and wear of Ni-Ti endodontic files
Metref Zoheir

P006 An Evaluation of the Apical Seal in Oval-shaped Root Canals
Yusuf Nuri Kaba

P007 A Rapid Molecular Method for Detection and Identification of a New Candidate Endodontic Pathogen
Saengusa Khemaleelakul

P008 Antimicrobial Action of a Chinese Medicine Extract on E.Faecalis biofilm
Afzan Adilah Binti Ayoub

P009 Periapical status in an Algerian and French Population
Oudghiri Fouad

P010 Biological evaluation of Ca(OH)2 Psidium cattleianum plant extracts associated with and Calcium Hydroxide
Eloi Dezan Junior

P011 In vitro comparative study between a manual system hand files, and rotary instrumentation (R-ENDO) for endodontic retreatment
Guendouz Djamel

P012 Evaluation of the effect of nanosilver suspension on antimicrobial activity of MTA and CEM
Tuğba Bezgin

P013 Unintentional extrusion of MTA in treatment of immature tooth
Çiğdem Çetin Canbazoğlu

P014 Effect of Gutta-percha with Calciobiotic sealer versus Resilon with Epiphany sealer on healing of periapical tissues
Amira Samir Salem

P015 Contribution of passive ultrasonic irrigation and Nd:YAP laser in reducing the bacterial flora root canal
Najah Nawel Farah

P016 Contribution of the continuous rotation and the EDTA in the infection control ductal Ghodbane Nadia
P017 Antimicrobial efficacy of gaseous ozone in infected root canals. In vivo study Nexeñmije Ajeti
P018 Determination of effects of propolis in root canal disinfection as an intracanal medicament: A clinical study
Hüseyin Tort

Abstract Title/Presenter

P019 Comparison of the antimicrobial Effects of Various Root Canal Medicaments On Microorganism (an in vitro study)
Ezel Bayar Yılmaz

P020 Evaluation of NiTi Rotary system and hand files on young permanent teeth by using micro-computed tomography
Hilal Sillelioglu

P021 In vitro evaluation of the effects of different power parameters of KTP laser on smear layer and temperature change
Dilara Arslan

P022 Effect of Diode Laser On Antibacterial Activity of natural Irrigation in Contaminated Root Canals (in vitro)
Behzad Salar

P023 Effects of ultrasonic root-end cavity preparation with different retro-tips and at different power-settings on micro-leakage
Betul Gunes

P024 The effect of application thickness on microleakage of Bioaggregate used in one-step apexification models
Tugba Bezgin

P025 In vitro fracture resistance of roots obturated with different sealers
Hüseyin Sinan Topcuoğlu

P026 Longitudinal assessment of biocompatibility and healing response of MTA Fillapex
Alaa Abdelsalam Elbaz

P027 Apical microleakage of root canal sealers: a comparative study
Violeta Vula

P028 Endodontic Treatment of a Traumatized and Iatrogenically Damaged-Tooth
Esma Sançam

P029 The Effect of Irrigation Solutions on the Bond Strength of Cemented Fiber Posts
Fahad Alkhudhairy

P030 Distribution evaluation of anterior teeth color in client patients of gilan dental school
Reza Tayefeh Davaloo

P031 Orthodontic and Prosthetic Rehabilitation of a Patient with Cleft Lip and Palate
Serpil Alkyol Uzun

P032 In Vitro Determination of Permanence of Tooth Bleaching
Oya Ulu

P033 The Golden Proportion among Malay Students in IIUM / Malaysia
Kais Raad Abdul Majeed

P034 Reattachment of dehydrated tooth fragments: two case reports
Funda Öztürk Bozkurt

P035 Minimal invasive approach in restorative dentistry
İrem Karagözoğlu

P036 Comparison of cytotoxicity of white and grey mineral trioxide aggregate (MTA) with calcium enriched mixture (CEM)
Farida Abesi

P037 The influence of different ceramic bases on the veneering colour
Mehmet Ali Kılıçaslan
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FDI 2013 World Dental Exhibition

The FDI's World Dental Exhibition, joined with EXPODENTAL of Turkey provide a unique opportunity to meet with leading manufacturers, supplier and distributors from the international, regional and local dental trade and industry. You can find the list and locations of more than 250 exhibitors in the exhibitor catalogue distributed in the congress bags.

Exhibition opening hours:
28 August 2013, Wednesday 09:00-18:30
29 August 2013, Thursday 09:00-18:30
30 August 2013, Friday 09:00-18:30
31 August 2013, Saturday 09:00-16:00

FDI 2013 World Dental Exhibition is distributed in 3 sections. Section C and Section B are located in the B5 floor of the Istanbul Congress Center and can be accessed through main escalators and elevators. Section A is located in B4 floor and can be accessed through B5 floor only.

Social Programme

Gala Dinner

Join over 1,000 colleagues who already registered for the Gala Dinner, a breathtaking summer night under the stars with a top notch entertainment and cuisine. Tickets will be available at the “New Registration” desk until August 29th, 12:30 pm. Only full congress registered participants and accompanying persons can purchase gala tickets.

Date & Time: 29 August, Thursday, 20:00-23:30
Venue: Rumeli Garden, Harbiye (Adjacent to the Congress Center, signage will be available)
Entertainment: Ayhan Sicimoğlu and Latin All Stars Band Performance
Cost: EUR 80 (VAT included)
Dress Code: Formal
Seating: Free

Istanbul Night

The Bosphorus straight, joining two continents is the trademark of Istanbul and Turkey. Join over 1,000 colleagues who already registered for the Istanbul night on the Bosphorus Cruise for an unforgettable evening. August 30th is also the 91st anniversary of the successful conclusion of the Turkish War of Independence and a national holiday. Shuttles will be available from the congress center to the ports. Only full congress registered participants and accompanying persons can purchase Istanbul Night tickets.

Date & Time: 30 August, Thursday, 19:30-22:30
Shuttles: Shuttles will start to leave at 18:30 from the Istanbul Congress Center
Venue: Bosphorus
Cost: EUR 50 (VAT included) SOLD OUT
Dress Code: Casual

Registration Information

Registration Area

Registration Area is located at the entrance level of the congress center. Available registration desks are:

- Pre-Registered (20 self printing stations are available)
- New Registration (4 new registration desks are available)
- Registration Supervisor
- VIP / Faculty
- Accommodation / Transfers
- Tours / City Info
- Exhibition Only Registration

Registration Desk Opening Hours:
27 August 2013, Tuesday 07:30-18:00
28 August 2013, Wednesday 07:30-18:00
29 August 2013, Thursday 07:30-18:00
30 August 2013, Friday 07:30-18:00
31 August 2013, Saturday 07:30-18:00

Payments

Payments may be made in cash in EUROs, Turkish Liras or US$, or by credit card, Visa, Mastercard or AMEX.

Registration Includes

The registration fee entitles delegates to the following:

- Access to all lectures in the Scientific Programme
- World Dental Exhibition
- Welcome Ceremony (subject to availability)
- Congress Documentation
- Coffee Break Tickets (8 in total)
- Congress Bag (subject to availability)
- Welcome gift
Please note that the registration fee is for the full four inclusive days. This does not guarantee you a seat at any particular scientific session. We recommend arriving early to avoid disappointment.

**Accompanying Persons**

Accompanying persons are defined as spouses, friends or partners of full registrants. These entitlements are only available to accompanying persons who have indicated their attendance on the registration form.

The registration fee entitles accompanying persons to the following:
- Welcome Ceremony (subject to availability)
- World Dental Exhibition
- Accompanying Persons Tour, IST01 tour on August 29th, Thursday at 08:30

In addition, accompanying persons may attend all social events and tours at their own expense.

**Photos, filming and audio-recording of scientific sessions**

It is strictly forbidden to film or record the sessions. You are allowed to take photographs for personal use only during the scientific sessions as long as it does not interfere with the lecture – but without flash.

**Free WiFi Login Procedure**

- Open the WiFi connection on your device and select “FDI2013_WiFi” network from the available network list.
- Use the password “ISTANBUL” to access the network
- Please bear in mind that due to heavy demand via the mobile devices, public wifi service might function slowly from time to time.
- An internet corner with computers will be available on the B2 floor for your convenience.

**Cloakroom**

A cloakroom will be available on the B2 floor during the congress. Congress registration area can be used as cloakroom for the last day of the congress; 31 August, Saturday.

**General Congress Information**

**Venue**

Istanbul Congress Center, located in the heart of downtown and the congress valley offers easy access to almost all crucial destinations of Istanbul. The venue is in walking distance to all offered congress hotels and can be accessed by subway and public transportation.

**Istanbul Congress Center**

**Adress**

Istanbul Congress Center Taskisla Street
Harbiye 34367 Istanbul/ TURKEY

**Phone:** + 90 212 373 99 00
**Fax:** + 90 212 373 99 43
**Web:** http://www.iccistanbul.com/

**Simultanous Translation Headphones**

English to Turkish and Turkish to English simultaneous translation will be available in the assigned halls. All simultaneous translation headphones can be used in all halls. The headphones have multiple channels, please refer to channel 1 for English or Turkish translation. Translation headphones can be acquired from one central location in B2 floor by exchanging your ID. Please do not forget to deliver your headphones at the end of each day and get your ID back.

**ADA/CERP**

FDI World Dental Federation is an ADA CERP Recognized Provider. ADA CERP is a service of the American Dental Association to assist dental professionals in identifying quality providers of continuing dental education. ADA CERP does not approve or endorse individual courses or instructors, nor does it imply acceptance of credit hours by boards of dentistry.

FDI World Dental Federation designates this activity for 122 continuing education credits. Delegates who have registered for the congress are eligible to receive continuing education points by attending accredited scientific sessions throughout the congress. Certificates will be available for download after the congress, on the congress website.

**Number of points available:**

- 1 point per hour of lecture
- Maximum number of CE points over the whole event per participant: 32 points
- Main scientific sessions (morning and afternoon sessions, as stated in the description of sessions): maximum 6 points per day per participant; maximum 24 points per participant for the whole event
- Early morning seminar (user pay): 1 point per session per participant; maximum 4 points per participant over the whole congress
- Meet-the-Expert (user pay) : 1 point per session per participant; maximum 4 points per participant over the whole congress

Concerns or complaints about a CE provider may be directed to the provider or to ADA CERP at www.ada.org/cerp

It is the policy of FDI to ensure balance, independence, objectivity, and scientific rigor in all its sponsored scientific and educational programs. Faculty must disclose any financial relationships with a commercial interest that might affect the content of their presentation. All participants must disclose all relationships that could be viewed as presenting a potential conflict of interest or other relationship that may lead to a potential commercial bias. The list of conflicts of interests disclosed as of 30 July 2013 by the AWDC 2013 speakers is provided at Page 177.
FDI is an ADA CERP Recognized Provider. ADA CERP is a service of the American Dental Association to assist dental professionals in identifying quality providers of continuing dental education. ADA CERP does not approve or endorse individual courses or instructors, nor does it imply acceptance of credit hours by boards of dentistry. Concerns or complaints about a CE provider may be directed to the provider or to ADA CERP at www.ada.org/cerp

Certificates of Attendance

A Certificate of Attendance will be issued to all who participate in the scientific Programme (available onsite at the registration area from 29th August Thursday at 11:00)

DO's but mainly DONT'S!

- Smoking is prohibited in all indoor public places in Turkey, including the Istanbul Congress Center.
- The consumption of food or beverages is prohibited in the Harbiye Hall.
- Your cell phone must be turned off during the conference sessions.
- Do enjoy attending this wonderful congress!

FDI pavilion - come visit us!

Visit the FDI Pavilion located on the B2 floor.

You may also wish to contact the Headquarter Offices:

FDI World Dental Federation
Tour de Cointrin - Avenue de Louis Casai 84 - Case postale 3
1216 Geneve Cointrin - Switzerland
Tel: +41 22 560 81 50 / Fax: +41 22 560 81 40
Email: info@fdiworldental.org
www.fdiworldental.org

Emergency Numbers

Fire Department 110
Ambulance 112
Police 155

First Aid station

English Speaking First Aid teams will be available in the congress center. Please contact Congress Staff available on all floors and locations for any medical emergency.

Insurance

Registration fees do not include insurance of any kind. It is strongly recommended that, at the time you register for the Congress and book your travel, you take out an insurance policy of your choice. The policy should include loss of fees/deposit through cancellation of your participation in the Congress, or through cancellation of the Congress, loss of international/domestic air fares through cancellation for any reason, loss of tour monies through cancellation for any reason including airline or related services strikes, failure to utilise tours or pre-booked arrangements due to airline delay, Force Majeure or any unforeseen or unrelated event, medical expenses, loss or damage to personal property, additional expenses and repatriation should Travel arrangements have to be altered. The Congress organisers take no responsibility for any participant failing to arrange their own insurance. This insurance is to be purchased in your country of origin.

Languages

All scientific and educational programmes will be held in English and/or Turkish. Simultaneous translation will be provided in English and Turkish for selected sessions. Please refer to the previous pages in the Scientific Program section.

Lost & Found

Please contact Congress Staff available on all floors and locations for any medical emergency.

General Information

Istanbul

Please contact Concierge or City Info desk for maps, reservations and information. Congress Staff will be happy to assist you for any service you might need.

Climate and Clothing

Daytime temperatures in August are in the range of 26-30°C and evening temperatures are 20-24°C. You may encounter rain, and the air may be cool or even chilly at night, but comfortable during the day; bring a warm jacket or a sweater and windbreaker.

Currency and Exchange

The Turkish currency is Turkish Lira (TL). Foreign money can be exchanged at banks on business days (09.00 - 17.00 Monday-Friday) as well as in hotels, at the airport and in bureaux de change. A bank Office is available at the congress center and you can exchange major currencies to Turkish Liras. All major credit cards are accepted in most hotels, restaurants and shops. Automated bank machines are available at many points throughout the city and at the airport.

Cash Machines & Bank

A national bank office is available at the entrance level of the congress center, as well as an ATM machine.

Electricity

The electrical power supply in Turkey is 220 volts. Outlets are standard European.

Restaurants and Turkish Cuisine

There is a wide choice of restaurants in Istanbul offering a broad spectrum ranging from excellent national cuisine to first class international dishes. Traditional Turkish cuisine is famous for its specialties prepared with fresh vegetables. There are numerous quality restaurants as well as fast-food shops in the vicinity of the hotels reserved for this meeting.
Shopping

One of the most enjoyable parts of a trip to Turkey is shopping for the rich variety of Turkish crafts. Istanbul is a shopping paradise with its Covered Bazaar as well as modern malls. In the Covered Bazaar bargaining over the sale price with shop traders is expected.

Time

Turkey is 2 hours ahead of Greenwich Mean Time (GMT).

Embassies

Please contact City Info desk if you cannot reach your embassy in Istanbul. Congress Staff will be happy to assist you for any service you might need.
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