2nd International Conference on
Advanced Dentistry and Oral Health
28-30 December 2019 | Cape Town, South Africa

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Preliminary Program
28-30 December 2019

SPEAKERS

Prof. Dr. Ralf Rößler
Dean of DTMD University

Lecture: "Toothloss and the Management" Extraction: What Now?
Sustainable treatment concepts for socket and ridge preservation

Today we know, we will loose soft and hard tissue after tooth extraction. Within the first year 50% of the width and 1-3 mm of the height of the ridge will get resorbed. 60% of the bone resorption will take place within the first 3 months. The reconstruction of the dentofacial and esthetic harmony is a real challenge in modern implantology. With socket- and ridge preservation we can preserve and rebuild hard- and soft tissue. The presentation will highlight the scientific principles of ridge and socket healing and the possibilities in treatment before placing implants or prosthetic therapy.

Biography:
Study of chemistry (Dipl.) In Heidelberg and dentistry at the Hannover Medical School and the Justus Liebig University Giessen. From 1990 to 1998 research associate and senior physician of the Department of Periodontology in the Center for Dental, Oral and Maxillofacial Surgery of the University of Giessen. Research focuses on the development of biomaterials and tissue engineering. Teaching in periodontology, multiple publications and lectures nationally and internationally. From 1998 - 2006 Scientific Director of the ZMF School of the Dentistry Chamber of Lower Saxony. From 2001 to 2006 Lecturer at the CHARITÉ - Universitätsmedizin Berlin, Campus Benjamin Franklin, Department of Dentistry and Periodontics. Lecturer in the Master's Degree Program in Implantology at the Steinbeis University Berlin, as well as in curricular advanced training courses of various state dental associations and professional societies.

Dr. Hassan Koshak
Ministry of Interior Security Forces Medical Services, Kingdom of Saudi Arabia

Lecture: Can alveolar ridge be completely preserved by Partial Extraction Therapies (PET)? A case report

Aim: To assess the effectiveness of partial extraction therapy (PET) for completely preservation of alveolar ridge.

Introduction: Tooth extraction is usually followed by partial resorption of the residual alveolar ridge. Different techniques such as ridge preservation procedure have been proposed to maintain the ridge dimension. However, applying these methods to extraction sockets could not completely preserve the coronal part of facial bone walls which were comprised almost entirely of bundle bone.

Biography:
Dr. Hassan H Koshak is Consultant in Periodontics and Implant Dentistry. Head of the Dental Department and Dental Educator, Director of Academic and Education Affairs at Comprehensive Specialized Polyclinic, Ministry of Interior Security Forces Medical Services, Jeddah, Kingdom of Saudi Arabia, where he has been since 2016. He received a Saudi Fellowship In Dental Implant from the Saudi Commission for Health Specialties 2014-2016. He received his Master of Science in Dentistry (MSD) and a Clinical Certificate In Periodontics from Riyadh Colleges of Dentistry and Pharmacy 2009-2012, Riyadh, KSA. With Honours. Also he received his Advanced Education in General Dentistry (AEGD) from University of South California School of Dentistry 2006-2008. And he received his Bachelor of dental medicine and surgery (BDS) from Faculty of Dental Medicine and Surgery, King Abdul-Aziz University, Jeddah, KSA.

Dr. Pirkko-Liisa Tarvonen
University of Helsinki and University of Eastern, France

Lecture: Dental fillings and restorations by 3D printing technique

Dental caries remains as one of the main health problems globally. Direct filling technique with composite has several shortcomings. Especially large fillings in lower posterior teeth are challenging. Indirect restorations are developed to overcome the challenges linked with direct restorations. Subtractive CAD/CAM (computer-aided design and computer-aided manufacturing) milling technology has been generalized along with the expanding role of digitalization. Additive CAD/CAM technique called 3D printing has been used in dental labs to manufacture splints, surgical guides, orthodontic aligners, removable dentures, crowns and facial prostheses.

RAYO 3D ToothFill is a novel technique utilizing digital imaging and 3D printing to fabricate tooth fillings and other dental restorations. Based on a vitro study, the accuracy of 3D printing technique overcomes that of milling technique in the fabrication of dental inlay and onlay fillings.

Biography:
Dr. Pirkko-Liisa Tarvonen has a specialist degree in Dental Public Health from the University of Turku, Finland, and a PhD degree from the University of Eastern Finland. She acts as Dental Marketing Director at Rayo 3D-ToothFill Ltd and as University Lecturer at the University of Helsinki and at the University of Eastern Finland.
Dr. Marta Riwansyah
Government Hospital of Sejiran Setason, Indonesia

Lecture: **Semidirect Onlay Composite: From Nothing To Something**

Posterior teeth that have lost a substantial amount of coronal tooth structure as a result of caries, cavity preparation, fracture, tooth wear or endodontic access present the dentist with a dilemma in terms of treatment planning for subsequent restoration. Dental reconstructions with direct composite technique being more complicated. There are some problems such as polymerization shrinkage such contraction may result in the formation of cracks in the tooth / restoration interface, causing microleakage and postsurgical sensitivity. Besides that it require skill for carving the restoration and preparing proper points of approximal contact. The clinical use of composite resin has expanded in restorative dentistry. For larger restorations, it is possible to say that with the semidirect onlay technique, the composite material is placed indirectly in the prepared tooth by using silicone die and the primary polymerization is made by light activation with a handhold curing unit. Additional curing may use of different curing ovens. It provides the patient with the benefits of luted restorations without the procedure of indirect lab-made. So that, clinicians can restore large preparation in posterior tooth successfully in a single appointment by using the flexible die technique, resulting in satisfactory function and esthetic outcome. Entire clinical steps are described in detail with some discussions on outcome.

**Biography:**

Dr. Martariwasnyah Born in Pangkal Pinang, Indonesia and graduated from Dentistry Faculty of Padjadjaran University of Bandung Indonesia in 2009. Since 2010 - Now is working as Civil Servant at Government Hospital of Sejiran Setason West Bangka and Private Practice. 2013, Achieving of a scholarship at Padjadjaran University and completed Conservative Dentistry Specialist Program in 2016. Winner Best of The Best Dental Photography Contest and Finalis Endo Contest Dentsply Sirona in 2017. Speaker at National Conferences Particularly interested in conservative dentistry and Aesthetic Restoration. He has contributed as Author and coauthor of some articles and dentistry books.

Dr. Anas H Karkout
Dr. Aburas Dental Center, United Arab Emirates

Lecture: **Laser in the daily practice, a step forward**

It's a great time for dentists to consider an update to their practices! This can be achieved through using new technologies such as Laser. Unlike traditional tools, dental lasers can improve their patients’ experiences by eliminating anesthesia, pain, bleeding and fear, as well as accelerating the healing.

In this lecture we will discuss all the laser advantages and disadvantages, and the importance of using laser in Biostimulation, Periodontal pocket disinfection, Root canal disinfection, Cavity preparation, Depigmentation, Gingivectomy, Frenectomy, Orthodontics, Fibroma excision, Impacted canine exposure, Coagulation, Tooth whitening, Pain relief and Periimplantitis.

**Biography:**

Dr. Anas Karkout has been practicing Dental Lasers since 2012. He has published on this subject in the Asia and the Middle East. Dr. Karkout has attended as guest lecturer in Italy, France, Spain, Japan, Kuwait Lebanon United Arab of emirates and Syria. He holds a master degree in Dental Laser (Damascus University).

**Young Dentist Forum**

**Poster Presentations**

**Awards and Closing Remarks**

**Attention:** Speaker, Poster, Workshop, and Symposia slots are available. Send us the proposal to book the slots.

If you are interested in presenting at the ADOH 2019 email us at info@globaldentalconferences.org or by visiting https://globaldentalconferences.org/abstract

Note: Conference schedule is subject to change.