



27<sup>th</sup> Global Summit and Expo on

# **DENTAL MARKETING**

December 07-08, 2017 | Madrid, Spain

# Keynote Forum

# Day 1

*Euro Dental Market 2017*

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## *Gizem Berk*

*Denta Form Dental Clinic, Turkey*

### **Periodontal surgeries assisted by Er, Cr:YSGG lasers**

Known as a hard tissue laser- Er,Cr:YSGG laser can be used both for hard and soft tissue applications with a great benefit of non-thermal cut which leads to temperature controlled treatment outcomes on hard tissues and a scar-free healing on soft tissues. Due to the absorbance spectrum, one of the best target structure for Er,Cr:YSGG laser is water where its concentration in human cementum, bone and gingiva is high. Er,Cr:YSGG laser gives us the opportunity to perform many difficult conventional surgeries including treatment of peri-implantitis, gingivectomies, apicoectomies, closed flap crown lengthening, removal of epulis or similar lesions, frenectomies or gingival depigmentation in an easier and a better way. In this lecture, there will be almost all the possible treatments that can be done with an Er,Cr:YSGG laser with appropriate settings and techniques.

### **Biography**

Gizem Berk is graduated from Istanbul Yeditepe University Faculty of Dentistry in 2003 with honours. She completed her MSc in Laser Dentistry in Germany, RWTH Aachen University in 2007. She has been working with lasers since 2003 and lectures internationally throughout Germany, USA, Belgium, Greece, Spain, Taiwan, England, Austria, Ukraine, Poland, UAE, Turkey and has published many clinical articles about lasers in dentistry. She works in her own private dental clinic (Denta Form) since 2003 and she is an Academic Co-Worker of AALZ (Aachen Laser Center) since 2011.

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## *Nüket Berk*

*Denta Form Dental Clinic, Turkey*

### **Using Er, Cr:YSGG laser in interdisciplinary dentistry**

With every passing year, lasers in Dentistry are becoming more popular so as cosmetic dentistry. Changing smiles and making extreme differences in our patients' mouth are both difficult and time consuming procedures unless you have a suitable laser to improve the results and the comfort of the patients. Some of the procedures especially on soft tissues are really time-consuming with conventional surgeries. Also the results sometimes are not that satisfying. Treatments like gingivoplasty, frenectomy or crown lengthening can be done with suitable Lasers in a shorter time and almost without losing even a day to continue to your next step treatment. Orthodontic treatments are certainly the most important part of the minimally invasive cosmetic dentistry. Especially with the use of the lasers during and after the treatments, we can obtain a true esthetic. Every day in our practice we deal with patients who are in need of prosthetic treatments. With the improvements of the CAD-CAM systems like CEREC we can have great results. But if we involve our suitable lasers before, during and after the treatments there is almost nothing that we cannot change in the esthetic of the patients. Like gingival recontouring without waiting for the healing, etching of both tooth and the porcelain restoration for the bonded veneers and crowns or even the removal of the full ceramic restorations within seconds and without causing any harm to the restoration. Whatever we do with our lasers will surely surprise our patients but think about giving them a new smile in minimal invasive way with a great comfort.

### **Biography**

Nüket Berk is President of the Turkish Society of Laser Dentistry (TURSOLA), she is graduated from Ankara Hacettepe University Faculty of Dentistry in 1978. She went on to complete her PhD in Orthodontics in 1983 and her Mastership in Laser Dentistry in 2004 at Vienna University. She started as a private Orthodontist at her own practice in 1983. In 1995 she opened a multidisciplinary clinic, Denta Form in Ankara. Working with lasers since 2000, she lectures on the subject in Germany, USA, Belgium, Greece, Spain, Taiwan, England, Austria, Egypt, Saudi Arabia, Poland, UAE, Turkey and has published many clinical articles about laser assisted Orthodontics and Pediatric Dentistry. She works in her own private dental clinic (Denta Form) as the Founder, an Orthodontist, Cosmetic Dentist, and Laser Dentist. She also works as an Orthodontist in Abu Dhabi, UAE in different dental clinics.

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## Day 2

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## *Gadia Peabody*

University of Michigan, USA

### **The prosthetic evaluation for the All-on-4® treatment concept**

Nearly 20 years ago, the first patient was successfully treated with the All-On-4® (AO4) by Dr. Paulo Malo. The purpose of developing the AO4 treatment concept was to introduce a more time and cost-effective implant solution for patients. Immediate function, achieved with provisional teeth at the time of surgery, reduces treatment time. The novel idea to tilt posterior dental implants yields advantages. Adequate anterior-posterior (A-P) spread of dental implants, necessary for a fixed full-arch prosthesis, can be achieved on 4 implants. Therefore, grafting the maxillary sinus and/or the posterior mandible can often be avoided. When only 4 implants are used for an arch rehabilitation and grafting procedures are eliminated, it reduces costs. As a result, today this treatment modality is widely accepted and used to treat thousands of patients worldwide. In determining if a patient is a candidate for the AO4 treatment protocol, careful clinical evaluation is needed for both surgical and prosthetic success. A single-day surgical intervention with functional prosthetics mitigates the margin of error. In this lecture, the elements for evaluating the pre-prosthetic surgery will be reviewed. It will cover cone beam CT imaging, clinical examination, laboratory prescriptions, surgical reports, and clinical records needed to execute the AO4 protocol. Attendants should be able to understand the steps of the prosthetic evaluation to effectively determine the candidacy of a patient for the AO4 treatment concept.

### **Biography**

Gadia Peabody has received his Doctor of Dental Surgery from the University of Michigan, School of Dentistry. Immediately following dental school, he has studied at the Loma Linda University, Center for Implant Dentistry, completing a preceptor ship in implant dentistry. He is a Diplomate of the American Board of Oral Implantology/ Implant Dentistry. He has worked in private practice for several years before returning to school. He has completed his Residency and earned a certificate in Prosthodontics from the University of Southern California. After practicing in San Francisco, he has returned to Michigan. He now practices in Muskegon, and teaches part-time at the University of Michigan, School of Dentistry. He lectures internationally on Prosthodontics and Dental Implant topics.

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## *Mohammad Ahmed Shams*

*Shams Dental Spa, Egypt*

### **In the zone illusion in dentistry da Vinci concept**

Optical illusions are everywhere, going largely unnoticed in our daily lives. The water puddles on the road during hot afternoons. The moon appearing large in horizon and smaller overhead. The sensation that the car is moving during a drive-in car wash. And yes, not even the dental office is safe from the power of illusion. Aesthetic dentistry is not only about creating balance and harmony within a smile, but also has much to do with creating the illusion of perfection by using various dental materials and techniques. In the modern practice of dentistry, it is no longer acceptable to just repair individual teeth. Increasingly more patients are demanding a final appearance that is not only physiologically and mechanically should but also aesthetically pleasing. The smile analysis process begins at the macro level, examining the patient face first, progression to an evaluation of the individual teeth, and finally moving to material selection consideration.

### **Biography**

Mohammad Ahmed Shams has done diploma in dental implant London. He has done post-graduate studies University of Paris, France. He is an Active Member of the American Academy of Cosmetic Dentistry. He is an Assistant Professor of perio-implant international specialized in cosmetic dentistry.

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