

# ROMANIA

19-22.9. 2019



## PROF. NORINA FORNA

Dean of the Faculty of dental medicine, IASI



The optimization of the dental treatments to satisfy all the esthetic and functional demands of the patients requires the extended use of the digital techniques both in diagnostic and therapy. The digitization can be applied in the dental medicine in restorative dentistry, periodontal therapy, prosthetic, implantology, guided bone regeneration techniques. The digital processing of the radiographic images and the digital processing and assessment of CBCT images are examples of digital techniques that can be used to improve the detection rate of the incipient dental caries, incipient periapical lesions, and incipient alveolar resorption in periodontal pathology. The same procedures are used to check-up the long-term results of the endodontic and periodontal treatments. Expert systems can be used to analyze the clinical and biological indices at baseline and after the pro-prosthetic and pro-implant stages. The use of digital applications can optimize the alveolar bone rehabilitation, the implants positioning (associated to CAD-CAM manufacturing of the surgical guide), the periodontal procedures related to esthetic outcome, the design of the future prosthetic structure as well as the biomechanical factors. The research suggests that the combination of classic procedures and digital techniques increases significantly the rate of the long-term success of the implant-prosthetic therapy. Nowadays the challenge for dentists is to learn the digital technologies and to integrate them into the current daily practice.

Rehabilitation Synergies for Optimal  
Esthetics Results in Digital Dentistry



Superior Implant Technology

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## DR. AJAY SHARMA

DMD, MDS, FICOI, DICOI, DWCOI, FICD, FAOI, DAOI, FPFA



Management of diverse clinical situations in implant dentistry

Simple patient based factors and effective communication along with blend of right implant system and other armamentarium can majorly simplify complex treatment. Only the satisfied patient can define what successful treatment is and in this presentation we will show with the help of various clinical cases and approaches how patient factors must be understood to have success in clinical treatment plan. Understanding these patient driven factors along with newer armamentarium will help us all clinicians in delivering the treatment to our esteemed patients in more satisfying nature.

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## DR. CLEOPATRA NACOPOULOS

BSc, DDS, MSc, PhD



Platelet-rich fibrin (PRF) is a second generation blood concentrate system derived from human peripheral blood. A solid and a liquid PRF-based matrix can be obtained by centrifugation in accordance with specific centrifugation protocols such as Low Speed Centrifugation Protocol, without the addition of anticoagulants or external chemicals. In dentistry, oral- and cranio-maxillo-facial surgery, PRF-based matrices are used on different subjects. The healing benefits of platelet-rich preparations together with the low risk profile and disposability of a simple preparation procedure should encourage more clinicians to incorporate PRF as a treatment option in their practice to accelerate healing, reduce adverse events, and improve patient outcomes. Lately many dentists are using PRF liquid in order to improve the skin and the lips with very promising results that they stay up to two years.

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## DR. AVI TOEG

DMD, Oral Maxillofacial Surgeon



AB Individual customized implants

We will present our 4 years of experience using 3D Technology in oral and maxillofacial surgery-Trauma, Oncology and Implantology with AB Dental

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## DR. HENRIETTE LERNER

DDS,MD, DICOI, DGOI



3D rehabilitation process and esthetics

The modern treatment philosophy that can be called today:

Fast and perfect. Principles of Treatment are: predictable, minimally invasive, perfect esthetics in adjacent implant situations and long term maintenance of the result.

The lecture will address the parameter and algorithms concerning:

Soft and hard tissue grafting contouring procedures.

Prosthetic Planning.

Validated digital workflows and applications.

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## DR. PEDRO NUNES

DMD



AO4 & AO6 - a new functional approach

All at Once protocol was developed to restore edentulous jaws - or those with severely compromised non-restorable teeth. The surgical part consists of inserting four implants; the posterior ones are tilted in order to avoid the sinus (upper jaw) or the inferior alveolar nerve (IAN, lower jaw), and thus the need of other complex surgical techniques such as sinus grafting or IAN lateralization. The prosthetic part consists of a bridge with ten (provisional restoration) or twelve (definitive restoration) teeth connected to the fixtures by multi-unit abutments. In those patients where the bone available is not an issue, six dental implants may be inserted instead of four. Using electronic condylography (CADIAX 4) and a functional protocol, we can restore these complex cases in a reliable and predictable fashion.

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## DR. DR. ALEXANDRU PETRE

DMD



### Prosthetically driven implant planning

The lecture treats the issues of surgical and restorative oriented implant planning and challenges in CBCT use for implant planning. Surgical Guides – external vs in-house solutions, a review of available solutions of software - hardware implant planning as well as current limits of implant planning through the author's experience.

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## DR. LORELEI NASSAR

DMD, MD



Hands-On Session -All at Once and other guided implant restorations  
Theoretical approach and workshop on screw retained restoration AB Dental System. Specific prosthetics adaptors presentation for divergent positioned implant and impression on 3D printed models using open tray method

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## DR. MACIEJ MICZEK

MD, DMD



Modern implantology is changing very dynamically nowadays together with the development of medical knowledge and the improvements in the range of materials and more and more advanced engineering solutions. What was unthinkable of or criticized and non recommendable, as far as medical procedures are concerned, several years ago, has now become a protocol acknowledged as thoroughly proper. Thanks to the achievements made by engineers, biomechanics, who equip the implantology doctor with new devices and opportunities, current medical procedures often change radically as compared with those from the Past. Applying modern techniques makes the doctor's job and medical procedures performed on the patient minimally traumatic. We, more and more often, take into account the individual anatomical conditions and those individual features of the patient's organism, which we rate the highest in our job. What is more important? How important is philosophy and doctor's beliefs in medical procedures? How far do the myths and opinions influence the doctor's decision and the protocol he chooses? The lecture will present some medical procedures and cases in the range of, among others: periimplantitis, loading of implants, the choice between cemented crowns and screw crowns, which are used in my clinic and my practice.

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## DR. ALEKSANDRA NITECKA-BUGHTA

DMD, PHD, Osis , EDI



Is bruxism a risk factor for dental implant complications? During the lecture the issues of complications, occurring after implantoprosthodontic treatment in high risk patients, suffering from bruxism, will be discussed. Indications and contraindications for the use of implant prosthetics in patients suffering from bruxism will be made and the types of possible complications will be presented. Cemented prosthetic restorations or screw-retained restorations are subject to occlusal forces during daily activities and during sleep. Occlusal forces are extremely dangerous in patients suffering from sleep bruxism, as well as daily bruxism, especially in fixed implantoprosthodontics. Pre-treatment diagnostics, proper planning and methods of preventing possible complications will be presented.

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## DR. NICK TREVLOPOULOS

DMD



Running a successful modern dental implant surgery

A dissection of the requirements necessary to run a modern implant based practice.

Your team, your organization, the communication, the culture, the result.

The pitfalls and tips to avoid them, the invaluable tools for your success.

Current international trends.

Distinction in your region and prosperity.

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## DR. FIRDAUS HANAPIAH

BDS, MSc, FDS RCS, FICOI, AM



The loss or missing of a tooth presents the dental surgeon with a great challenge on how to restore a beautiful smile, especially for the adolescence.

Teeth are lost or missing due to various factors such as congenital or pre-existing genetic conditions. Early loss may also indicative of trauma, caries or periodontal diseases.

Such a situation may present a difficult choice to many clinicians as the options and treatment planning may be long, wrought with clinical problems.

The treatment option could be replacement with dentures, temporary provisional bridges, tooth transplantations, orthodontics or a combination of some or all of the above. A single or multiple implants with either crown or bridge may also be a solution.

This paper will outline pros and cons of either of these techniques. It will also show long-term follow-up cases for both transplanted teeth as well as implant cases.

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