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WELCOMING SPEECHES

PROF. DžOVANI DžUKELEI ITALIJA

PROF. GIOVANNI ZUCHHELLI ITALY

WARM GREETINGS TO THE DENTAL WORLD

My name is Giovanni Zucchelli and I am honored to welcome you at this scientific meeting.

In recent years, there has been a lack of new ideas, concepts and also new techniques which are based on consolidated biological principles. The role of the highly skilled clinician is also to share their experience with the audience by giving them the secrets which have made their outcomes so successful. Most of the time, these secrets cannot be fully described in the scientific literature or at least require additional means (like slides or movies) to be better explained and thus understood.

Interesting discussions and debates as well as original presentations have been scheduled during this conference.

We are looking forward to meeting you all in Sofia, where an exciting scientific program is waiting for you. The beautiful city, full of history and culture, will offer the best environment for a successful and enjoyable conference.

Dear Ladies and Gentlemen,

I am honored to preside over the 11th edition of Sofia Dental Meeting. We are now in a new decade with new ideas and completely new concepts. The last four days of September will gather in Sofia more than 100 speakers in all dental topics. Even more, we have focused this year on the Periodontology and we will benefit from the knowledge of some of the best masters in this field.

I want to invite you to Sofia — a modern and vibrant city. The current capital of the Bulgarian Presidency of the Council of the European Union. A beautiful town which offers various opportunities for business and tourism.

On behalf of the organizing committee, I would like to invite you to the 11th edition of Sofia Dental Meeting. Our rich scientific program, the warm hospitality of our team and the exciting social program are the reasons to attend SDM 2018. We are expecting you!
КРАЕН СРОК ЗА УЧАСТИЕ
1 март 2019

ОФИЦИАЛНА ЦЕРЕМОНИЯ ПО НАГРАЖДАВАНЕТО
11 април 2019, София

ЖУРИ

g-р Ставрос Пелеканос
Гърция

г-р Федерико Ферарис
Италия

г-р Рафи Романо
Израел
| Зала B | Модератор: Д-р Флавиано Пони, Италия |
| Зала D | Модератор: Д-р Лука Матавж, Италия |
| Зала Zimmer Biomet | Модератор: Д-р Паскале Заварезе, Италия |

27-и Септември (четвъртък) 12.00 - 14.00 Обедна почивка

14.00:00 Дискусия

14.30:15 Записи на авторите за предстоящите семинари и курсове

14.45:15-30 Записи на авторите за предстоящите семинари и курсове

15.30:15 Упражнения на микросъдови технологични процедурни и функции

15.45:15-30 Упражнения на микросъдови технологични процедурни и функции

16.15:17 Записи на авторите за предстоящите семинари и курсове

17.00:17 Дискусия

17.45:18:00 Дискусия

18.00:18:15 Дискусия

19.30:18:00 Практически курс

21.00:18:00 Практически курс
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- **Конференция**
- **Семинар**
- **Прақтиск курс**
- **Занятие по панорамно лечение**
- **Прақтиск курс**
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- **Д-р Николай Николов, България**
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| Модератор: Д-р Нели Николова, България<br>09:00-10:00<br>"Влиянието на ортодонтичните протези на стоматологичния резултат"
| Модератор: Д-р Камил Караджов, България<br>09:00-09:55<br>"Защита на дълговечни стоматологични протези"<br>Проф. Марко Яковлев, България<br>09:55-10:50<br>"Замъкът на Осман лучше през стоматологическия аспект"
| Модератор: Д-р Ники Стефанов, България<br>09:00-10:00<br>"Интензивна профилактична терапия"<br>Проф. Борискалцата, България<br>10:00-11:00<br>"Лечение на хронично заболяване"<br>Д-р Никола Забелков, България<br>11:00-12:00<br>"Дълговечни стоматологични протези"<br>Д-р Никола Попов, България | Модератор: Д-р Нючо Николов, България<br>9:00-11:00<br>"Съвременна протезна хирургия"<br>Проф. Борискалцата, България<br>11:00-12:00<br>"Съвременна протезна хирургия"<br>Д-р Нючо Николов, България<br>12:00-13:00<br>"Дълговечни стоматологични протези"<br>Д-р Нючо Николов, България | Модератор: Д-р Нючо Николов, България<br>9:00-11:00<br>"Съвременна протезна хирургия"<br>Проф. Борискалцата, България<br>11:00-12:00<br>"Съвременна протезна хирургия"<br>Д-р Нючо Николов, България<br>12:00-13:00<br>"Дълговечни стоматологични протези"<br>Д-р Нючо Николов, България | Модератор: Д-р Нючо Николов, България<br>9:00-11:00<br>"Съвременна протезна хирургия"<br>Проф. Борискалцата, България<br>11:00-12:00<br>"Съвременна протезна хирургия"<br>Д-р Нючо Николов, България<br>12:00-13:00<br>"Дълговечни стоматологични протези"<br>Д-р Нючо Николов, България | Модератор: Д-р Нючо Николов, България<br>9:00-11:00<br>"Съвременна протезна хирургия"<br>Проф. Борискалцата, България<br>11:00-12:00<br>"Съвременна протезна хирургия"<br>Д-р Нючо Николов, България<br>12:00-13:00<br>"Дълговечни стоматологични протези"<br>Д-р Нючо Николов, България | Модератор: Д-р Нючо Николов, България<br>9:00-11:00<br>"Съвременна протезна хирургия"<br>Проф. Борискалцата, България<br>11:00-12:00<br>"Съвременна протезна хирургия"<br>Д-р Нючо Николов, България<br>12:00-13:00<br>"Дълговечни стоматологични протези"<br>Д-р Нючо Николов, България | Модератор: Д-р Нючо Николов, България<br>9:00-11:00<br>"Съвременна протезна хирургия"<br>Проф. Борискалцата, България<br>11:00-12:00<br>"Съвременна протезна хирургия"<br>Д-р Нючо Николов, България<br>12:00-13:00<br>"Дълговечни стоматологични протези"<br>Д-р Нючо Николов, България |

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<tr>
<td>09:30-10:15</td>
<td><em>The implant-abutment complex in the aesthetic zone. New perspectives</em></td>
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<td>10:15-11:00</td>
<td><em>Details in periodontal surgical techniques for periodontal regenaration to promote stable outcome and aesthetics</em></td>
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<td>11:00-12:00</td>
<td><em>Management of the Anterior Esthetic Area: the Surgical Veneer Grating Protocol</em></td>
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<td>12:00-12:15</td>
<td><em>How to Balance Dynamic Occlusion: Canine Protective Occlusion and/or real mastication?</em></td>
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<td>13:00-14:00</td>
<td>LUNCH BREAK</td>
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<tr>
<td>14:00-14:50</td>
<td><em>Recapturing esthetic and function in advanced periodontal cases</em></td>
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<tr>
<td>14:50-15:45</td>
<td><em>Regressive surgery in aesthetic zone</em></td>
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<tr>
<td>15:45-16:30</td>
<td><em>Multiple gingenral recessions - treatment rationale and decision making process.</em></td>
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<td>16:30-17:15</td>
<td><em>Point of Care Diagnostics of Periodontitis in Dental Medicine</em></td>
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<td>17:15-18:00</td>
<td><em>Crowns lengthening procedures: Diagnosis, classification and clinical applications</em></td>
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<td>18:00-18:15</td>
<td><em>Utilization of autologous, Concentrated Growth Factors (CGF) in hard and soft tissue regeneration</em></td>
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<tr>
<td>19:00-19:30</td>
<td><em>Challenges in guiding pediatric dental patients’ behaviour</em></td>
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<tr>
<td>19:30-20:30</td>
<td><em>Emergencies in pediatric dentistry</em></td>
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<tr>
<td>21:00-22:00</td>
<td><em>Workshop</em> “Covering recessions with tunneling techniques”</td>
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<tr>
<td>22:00-23:00</td>
<td><em>Workshop</em> “Surgical Veneer Grafting”</td>
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<td>23:00-00:00</td>
<td><em>Workshop</em> “Temporo Mandibular Disorders Occlusion, Joints, Articulators, Splint therapy, Medications”</td>
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<td>00:00-01:00</td>
<td><em>Workshop</em> “Posturologia in dental medicine. New paradigm”</td>
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<td>01:00-02:00</td>
<td><em>Workshop</em> “Posturologia in dental medicine. New paradigm”</td>
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**28th September (Friday)**

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<tr>
<th>Time</th>
<th>Session</th>
<th>Details</th>
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<tr>
<td>09:00-10:15</td>
<td>Improved therapy over time - where will it go?</td>
<td>Prof. Markus Herrzeir, Germany</td>
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<td>10:15-11:15</td>
<td>&quot;Multi-arch concepts for implant soft tissue integration&quot;</td>
<td>Prof. Franse Lambert, Belgium</td>
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<td>11:15-12:15</td>
<td>&quot;Treatment of soft tissue defects of teeth and implants: The Bernese concept&quot;</td>
<td>Dr. Antonio Scuane, Switzerland</td>
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<td>12:15-13:00</td>
<td>&quot;The Science behind FAW's Reduced Risk Products&quot;</td>
<td>Dr. Filippo Zanetti, Italy</td>
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<td>13:00-14:00</td>
<td>Lunch Break</td>
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<td>14:00-14:15</td>
<td>&quot;Composite vs ceramic: Adhesives - protocols&quot;</td>
<td>Dr. Federico Ferraris, Italy</td>
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<td>14:45-15:30</td>
<td>&quot;The Index Technique in worn dentitions: A new way to prevent restorations&quot;</td>
<td>Dr. Riccardo Ammanato, Italy</td>
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<td>15:30-16:15</td>
<td>&quot;Space management in treatment of localized anterior tooth wear&quot;</td>
<td>Dr. Saver Sciasci, Bulgaria</td>
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<td>16:15-17:00</td>
<td>Bonding &amp; Luting: Clinical tips for success</td>
<td>Prof. Lorenzo Breschi, Italy</td>
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<td>17:00-17:45</td>
<td>&quot;Mind the gap: The spaced dentition dilemma&quot;</td>
<td>Dr. Gadi Talmor, Israel</td>
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<td>17:45-18:00</td>
<td>Discussion</td>
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<td>9:00-11:00</td>
<td>Live demonstration</td>
<td>&quot;REBEL &amp; MD: an easy and simple combination to have a successful Personalized Smile Design&quot;</td>
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<td>10:45-11:45</td>
<td>&quot;Periodontal exposure of the impacted tooth for orthodontic purposes: proposal of a surgical decision tree&quot;</td>
<td>Prof. Louis Harder, Lebanon &amp; Dr. George Iliev, Bulgaria</td>
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<td>11:45-12:45</td>
<td>&quot;Orthodontic techniques to realign soft tissue margins&quot;</td>
<td>Dr. Mauro Fedde, Italy</td>
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<td>14:00-18:00</td>
<td>Live demonstration</td>
<td>&quot;Indirect restoration. Planning preparation, digital impression, design and surgery&quot;</td>
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<td>14:45-15:30</td>
<td>&quot;Simplifying bone regeneration with a modern biological approach using A-PRE and Soft brushing&quot;</td>
<td>Dr. Jerome Surman, France</td>
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<td>15:30-16:15</td>
<td>&quot;Soft tissue defects around osteointegrated implants in the functional area: Reconstruction techniques at pronounced soft tissue defects&quot;</td>
<td>Dr. Martina Stefanini, Italy</td>
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<td>16:15-17:00</td>
<td>&quot;Soft and hard tissue management for aesthetic implant rehabilitation&quot;</td>
<td>Prof. Phoebus Madianos, Greece</td>
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<td>17:00-17:45</td>
<td>&quot;Pink esthetic consideration around teeth and implants&quot;</td>
<td>Dr. Yenisey Stankov, Bulgaria</td>
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<td>14:00-13:00</td>
<td>Workshop</td>
<td>Ceramic veneers from planning to fixation</td>
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<td>14:45-15:30</td>
<td>Workshop</td>
<td>&quot;ONE VISIT Endo-Resto of severely damaged Anterior Tooth&quot;</td>
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<td>15:30-16:15</td>
<td>Workshop</td>
<td>&quot;Direct esthetic restorations in anterior class IV restorations&quot;</td>
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<td>Workshop</td>
<td>&quot;How to Balance Dynamic Occlusion: Canine Protective Occlusion and/or Real Massification?</td>
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<td>Workshop</td>
<td>Soft Tissue Management Around Teeth and Implant for Esthetic Results</td>
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<td>14:00-18:00</td>
<td>Seminar</td>
<td>&quot;Early orthodontic treatment. Tips and Tricks&quot;</td>
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<td>Seminar</td>
<td>&quot;Direct anterior restorations&quot;</td>
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<td>16:15-17:00</td>
<td>Seminar</td>
<td>&quot;How to start and what to know, with implant placement the easy protocol&quot;</td>
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<td>&quot;Research into Practice: The clinical use of MTA&quot;</td>
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## 29th September (Saturday)

### Morning Session

**Moderator:** Prof. Giovanni Zucchelli, Italy  
**9:00 - 10:30**  
*"Harmonizing Smiles in Challenging Esthetic Treatments"*  
Prof. Milane Sichechie & Dr. Mirela Feraru, Israel  
**10:30 - 11:15**  
*"Periodontal flaps surgery: regenerative or reconstructive?"*  
Prof. Soren Jepsen, Germany  
**11:15 - 12:00**  
*"Soft Tissue Substitutes for enhanced Aesthetics around Teeth and Implants"*  
Prof. Karin Jepsen, Germany  
**12:00 - 12:15**  
Discussion  

**Moderator:** Dr. Anton Tumbulov, Bulgaria  
**9:00 - 10:00**  
*"Advances in CAD/CAM technologies"*  
Dr. Vincent De Boer, Switzerland  
**10:00 - 10:45**  
*"Digital implantology: indications and limits in daily practice over 20 years of experience"*  
Prof. Giuseppe Luongo, Italy  
**10:45 - 11:00**  
Discussion  

**Moderator:** Dr. Anton Tumbulov, Bulgaria  
**9:00 - 11:00**  
*"Treatment of gingival recessions in the anterior incisors - tunnel technique"*  
Prof. Anton Sculean, Switzerland  
**11:00 - 11:45**  
*"The digital workflow and digital solutions on implants"*  
Prof. Salvatore D'Amato, Italy  
**11:45 - 12:30**  
*"Interdisciplinary treatment planning and digital approach"*  
Dr. Nikos Pappas, Greece  
**12:30 - 13:00**  
Discussion  

**Moderator:** Dr. Peter van der Schoor, Nederland  
**14:00 - 14:45**  
*"BOPT - biologically oriented preparation technique for conservative preparation"*  
Dr. Ignazio Lui, Italy  
**14:45 - 15:30**  
*"Sinuslift demystified"*  
Prof. Angelo Troedhan, Austria  
**15:30 - 16:30**  
*"Restoration of 'failure' Teeth with Implants in the Aesthetic Zone - The Keys to Success"*  
Dr. Tidur Markos, UK  
**16:30 - 17:15**  
*"Minimally invasive implantology in posterior maxilla"*  
Assoc. prof. Nejat Nizam, Turkey  
**17:15 - 18:00**  
*"Non surgical treatment of periodontitis"*  
Prof. Giovanni Zucchelli, Italy  
**18:00 - 18:30**  
Discussion  

**Moderator:** Dr. Peter van der Schoor, Nederland  
**14:00 - 16:00**  
*"BOPT - biologically oriented preparation technique for conservative preparation"*  
Dr. Ignazio Lui, Italy  
**14:00 - 18:00**  
*"Rap techniques and soft tissue replacement materials for optimal aesthetics around teeth"*  
Prof. Karen Jepsen & Prof. Soren Jepsen, Germany  
**16:00 - 18:00**  
TREATMENT PLANNING SESSION  
**Moderator:** Prof. Giovanni Zucchelli, Italy
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<td>Biological oriented preparation techniques* by Dr. Ignazio Loi, Italy</td>
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**Japanese session:**

**11:30-12:15**

- Minimal invasive full-mouth rehabilitation adapting digital dentistry by Dr. Masayuki Oikawa, Japan
- The Harmony with Esthetics and Biology in Restorative Treatment by Dr. Kenji Tsujiya, Japan
- The Harmony with Esthetics and Biology in Restorative Treatment by Dr. Kenji Tsujiya, Japan

**13.00-14.00 LUNCH BREAK**

**Moderator:** Dr. Neil Nicolaou, Bulgaria

**14:00-14:30**

- "Change of flap design with the microscope" by Dr. Furino Yamauchi, Japan
- "Contemporary Comprehensive Treatment Planning of Implant-Supported Bridges" by Dr. Yoshinori Kamae, Japan

**14:30-15:00**

- "An Invasive Therapy and antibiotic resistance in dentistry" by Assoc. Prof. Mike Petrov, Bulgaria

**15:00-16:00**

- "Immediate implant placement with soft tissue graft" by Dr. Venceslav Stokey, Bulgaria

**16:00-17:00**

- "The Clinical Application of the Ectomesenchymal Potential of the Maxillary Sinus Membrane" by Prof. Antoine Berberi Lebanon

**14:00-16:00 Oral presentations**

**14:00-18:00 Workshop**

- "Restorative techniques for crowns" by Dr. Neils Nadler, Lebanon

**14:00-18:00 Workshop**

- "How to overcome the objections of your patients and get the money they deserve?" by Dr. Venceslav Stokey, Bulgaria

**16:00-18:00 Live demonstration**

- "Micronanogranules technique in easy steps!" by Dr. Neils Nadler, Lebanon

**15:30-16:15**

- "Segmentation of the mandible with 3D scan and the influence of the GBR techniques in easy steps!" by Dr. Neils Nadler, Lebanon

- "The True Test of Bone Regeneration: the "Test" concept" by Dr. Neils Nadler, Lebanon

**16:15-17:00**

- "The clinical application of the Ectomesenchymal Potential of the Maxillary Sinus Membrane" by Prof. Antoine Berberi Lebanon

**30TH SEPTEMBER (SUNDAY)**

**Hall Planmeca**

**OP 1 - PLASMA-THERMAL TECHNIQUE FOR PREPARATION OF BARRIER MEMBRANE AND BONE-GRAT REPLACING MATERIAL** by Dr. Jasmin Fidacski, Macedonia

**OP 2 - Contemporary techniques for collagen membrane placement in difficult areas** by Dr. Venceslav Stokey, Bulgaria

**OP 3 - Anterior resin-bonded all-ceramic fixed dental prostheses** by Dr. Daniela Boga, Germany

**OP 4 - Shear Bond Strength of Different Self-Adhesive Resin Cements to Full-Contour Zirconia Ceramic** by Prof. Murat Tede, Turkey

**OP 5 - Assessment of antibacterial and chemical properties of chitosan-cross 0.6% by Dr. Elvira Grulnik-shvili, Bulgaria**

**OP 6 - DIGITAL WORKFLOW FOR MINIMALLY INVASIVE IMPLANT-PROSTHETIC REHABILITATION** by Dr. Dejan Donfrid, Serbia
Join the largest educational network in dentistry!
A shared passion for performance.

Performance - for us that means listening, learning, collaborating, teaching, innovating, refining and perfecting everything we do. Our 10,000 products and countless services are exceptional because we develop them in conjunction with the very people who use them.

For you, performance means leveraging all your skill and education to deliver the best clinical outcomes for your patients. It’s a goal we proudly share with you.

We are Hu-Friedy. Passionately committed to helping the best perform.
The introduction of new technologies in dental practice isn’t feasible without an accurate diagnosis. The treatment plan will be explained and demonstrated through digital software, and the information obtained can be used in implant-supported restorations.

He received his Dentistry Degree with honours from Bari University in 1989. He completed a Post-Graduate Adhesive Aesthetic Prosthodontics Program at Siena University in 2003. He completed a Prosthodontics Programme at Bari University, where he also taught. He works in an associate private practice in Bari (Italy) with a specific focus on prosthodontics.
PROF. MARCEL LE GALL FRANCE

27.09.2018

LEKCIA

"Как да балансираме динамичната оклюзия: защитна оклузия на кучешките зъби и/или истинско дъвчене?"

Основната цел на тази лекция е да предложи нов подход, като се вземе предвид реалната дъвкателна функция за подобряване на оклюзията баланс. Истинската функция е определящият къс на достигане на функционално равновесие на дъвкательния апарат.

ЛЕКЦИЯ

"How to Balance Dynamic Occlusion: Canine Protective Occlusion and/or Real Mastication?"

The main goal of this lecture is to propose a new approach, taking into account the real chewing function to improve occlusal balancing. Real function is a determining key to reach the functional equilibrium of the mandibular apparatus.

Main Lecturer in Dental college of University of Strasbourg, University Diploma of functional occlusion 2015-2016 Lecturer in the University of Paris Earty, Strasbourg in the field of Occlusodontics and Dental implants.

PROF. FABIO GORNITI ITALY

LEKCIA

"Употребата на микроскоп в ендодонтията"

С употребата на микроскоп клиницистите откриват, че всеки аспект от ендодонтията е подобър, по-безопасен, по-лесен и тези предимства позволяват на колегите да играят пълна роля, която се смята за невъзможна. Несъмнено микроскопските подмогнатия ендодонция в края на краишцата преформира клиничната практика.

ЛЕКЦИЯ

"The use of the microscope in endodontics"

With the use of the microscopy the clinicians are discovering that every facet of endodontics is better, safer, easier and these advances have enabled colleagues to complete procedures that were once considered impossible. Undoubtedly, microscopic enhanced endodontics ultimately reshaped clinical practice.

Graduated from the Milan Dental School in 1984. Visiting professor for the dept of Endodontics of the S. Paolo Hospital in Milan. Active member of the Italian Society of Endodontics, of the Italian Accademy of Microscopic dentistry.
During this lecture will be described different clinical techniques about correct use of MTA for repair of iatrogenic errors and step by step will be shown also the tips suggested by the Speaker for a feasible and repeatable approach. The MTA material will be also compared with BioCeramic.

He is Active member of Italian Society of Endodontics and active member of Italian Society of Microscopic dentistry. He published scientific articles on international journals. He works as Endodontist in Brescia. He plans and follows researches for Dental University of Brescia. He patented in 2005 the ProTrain (Endodontic System for Training).

The aim of the lecture is to raise the attention of dental practitioners to the problem, as well as to indicate effective methods for dealing with the biofilm and the consequences of its formation. There is a need to change the understanding of endodontic treatment.

In 2006 she won a competition for a regular assistant in the Department of Oral and Maxillofacial Surgery. He defended in 2009 the specialty "Oral Surgery" by continuing his teaching activity until today. He is currently a PhD student at the same Department of Endodontic Surgery.

Thanks to:

WWW.SDM.BG
**LECTURE**

"The implant-abutment complex in the esthetic zone. New perspectives"

New implant designs and innovative treatment sequences will be analyzed in this presentation, with focus on the single implant-abutment-crown complex shown in various clinical cases.

In 1993, he obtained his doctoral degree in Prosthodontics (Dr med dent) from the University of Freiburg (Prof. Dr. J.R. Strub), Germany. Following his professional training, Dr. Pelekanos established a private practice in Athens, oriented towards prosthodontics, implantology and esthetic dentistry.

**LECTURE**

"Details in periodontal surgical techniques for periodontal regeneration to promote stable outcome and aesthetics."

A decision making of different clinical situation, based on the evidence will be analyzed during the presentation and the procedures will be shown in details. To learn procedures that allow to maintain the natural dentition long term with aesthetic and functional satisfaction by the patients.

Dr. Rasperini is Associate Professor of Dentistry and Periodontology at the Department of Biomedical, Surgical and Dental Sciences, University of Milan, Milan, Italy. Adjunct Clinical Associate Professor at the Department of Periodontology.
**27.09.2018**

**DR. ANDREA MASTROIROSAGNNINI ITALY**

**Hall B**

11:00 - 11:45

**Д-Р АНДРЕА АНИНИ ИТАЛИЯ**

**Hall B**

11:00 - 11:45

**Завършва Университета в Modena и Reggio Emilia в Италия. Той има частни практики в Modena и Sassuolo, Emilia Romagna, които са посветени само на фиксирания протезиране, пародонтология и имплантомология.**

Dr. Alessandro Agnini graduated in 1989 from the University of Modena and Reggio Emilia, Italy. He has private dental practices in Modena and Sassuolo, Emilia Romagna, where he dedicates only to Fixed Prosthetic Dentistry, Periodontology and implant Dentistry.

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**МЕДИЦИНА**

"Лечебно-диагностичен подход при имплантатно-протезно лечение на дълготрайно обеззъбвания на долната челюст."

Целта на настоящата лекция е да подчертаем важността на феномена мандибулярна еластичност и значимостта на проработката на протетично планиране при лечение на цялостно обезъбвания с неспецифични конструкции върху импланти.

От 2008 г. е асистент в Катедра по Протезична дентална медицина ФДМ, МУ-Варна. През 2010г. придобива научно звание „Доцент“. От септември 2011г. ръководител Катедра Протезична дентална медицина и ортодонтия. През 2012г. придобива квалификацията степен Експерт по имплантология към DGIOI (немска асоциация по имплантология).

**LECTURE**

"Treatment of complete edentulous lower jaw with implant supported constructions"

During the treatment of edentulous lower jaw with fixed implant-retained rigid prostheses, the mandibular ‘flexure’ during function has a negative influence of the peri-implant bone and create an algorithm for the number, position of the implants and the type of the prostheses.

Since 2008 is assistant professor in Prosthodontics at Medical University Varna. In 2010 becomes Associate Professor. Since September 2011 is head of department of Prosthodontics and Orthodontics. In 2011 acquires degree “Expert in Implantology” at DGIOI. The dental clinic he is head of is specialized in entire rehabilitation of the masticatory apparatus and high-aesthetic prosthodontics.
**LECTURE**

"Recapturing aesthetic and function in advanced periodontal cases"

This presentation will focus on the solutions of these problems, on an adequate diagnosis of the different sites, on the forecast of the clinical outcome and on the technical solutions which, in most cases, requires a multidisciplinary approach.

Member of the European Federation of Periodontology (EFP), Honorary Member of the Italian Academy of Prosthodontic Dentistry (AIOD), he is Co-Founder, Past-President Active Member of the Italian Society of Periodontology (SIDP) and co-founder and Past-President of the European Academy of Esthetic Dentistry (EAD). He has delivered lectures, practical demonstrations, continuing education courses in Periodontology, Implantology, and Esthetic Dentistry in Europe, the United States, and Japan.

**LECTURE**

"Resective surgery in esthetic zone"

Crown lengthening is one of the most common surgical procedures in periodontal practice. The main indications of a crown-lengthening surgical procedure include treatment of subgingival caries, crown or root fractures, altered passive eruption, cervical root resorption and short clinical abutment.

**FROM BIOLOGY TO CLINICAL EXCELLENCE**

**SOFIA • BULGARIA • HOTEL RAMADA**

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**LECTURE**

**"Point of Care Diagnostics of Periodontitis in Dental Medicine"**

Periodontitis has a multifactorial etiology with a periodontal microflora as the primary driver of the process. A new biochemical salivary test, PerioSafe, based on testing the crevicular fluid rate, is introduced for fast chairside diagnosis and potential as a screening test in oral care, but also for (para) medics is extensively discussed.


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**LECTURE**

**"Crown Lengthening Procedure: Diagnosis Classification and Clinical Application"**

Nowadays, crown lengthening procedures have come to be accepted as an esthetic-driven periodontal surgery. In crown lengthening procedures, the clinician must address the biologic width and consider different biotypes in order to avoid potential complications postoperatively.

He is a Diplomate of the American Academy of Periodontology, a Diplomate of the International Congress of Oral Implantology with a special Award of 25 years contribution for The American Board of Periodontology, a Member of Honor of the American Dental Implant. He has received the French Medal of "Chevalier de l’Ordre National du Merite".

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**LECTURE**

**"Utilization of autologous Concentrated Growth Factors (CGF) in hard and soft tissue regeneration"**

The aim of this presentation is to evaluate the effect of Concentrated Growth Factors (CGF) mixed with bone graft to accelerate bone formation and as barrier membrane to increase soft tissue healing.

Dentistry Graduation in 2010 at the University of Rome. Oral Surgery Specialization in 2013 at the University of Chieti-Pescara. From 2010 Private practitioner in Rome and from 2014 in Latina. From 2011 Young Member of the National Association of Italian Dentists and the Italian Society of Conservative Dentistry (SIDOC).

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**LECTURE**

**"Използване на автологични концентрирани растежни фактори (CGF) при репарация на тъкани"**

Целта на тази презентация е да оцени ефекта на концентрирани растежни фактори, смесени с костен гравий, за ускоряване на формирането на кост и като барьерна мембрана за увеличаване на местна тъканна оздравяване.

През 2010 г. завършва дентална медицина в Университета "Tor Vergata" в Рим. През 2013 г. получаVA специалност по орална хирургия от Университет в Киети-Пескара. От 2010 г. практикува в Рим, а от 2014 г. в Латина. От 2011 г. е млад член на Национална Асоциация на Италийските дентални лекари (ANDI) и на Италийското Общество по Консервативна дентална медицина.
"Posturologia in dental medicine. New paradigm"

History-related introduction to integrated clinical posturology. Posture of the body as a complex science (eye, mouth, internal organs, mind, skull, extremities...). Classic biomechanical model of posture. New postural neuro-myofascial model.

Dr. Paolo Zavarella graduated as a medical doctor and later he specialized surgery and studied dental medicine and osteopathy. He is the founder and manager/director of the School of Osteopathy in Rome. He is the founder of A.I.R.O.P.
**LECTURE**

"Challenges in guiding pediatric dental patients behavior"

What kind of factors may cause that children are becoming uncooperative and what kind of nonpharmacological methods can eliminate these factors? In specific clinical cases, we will clarify procedures that lead to cooperation of initially uncooperative children.

Over the last two years she is working in the capital of Slovakia and she is dealing with uncooperative children. She is a member of POP! Slovakia. In her every day practice and during her lectures she emphasizes importance of psychological approaches and nonpharmacological interventions for managing pediatric patients behaviour.

**LECTURE**

"Emergencies in pediatric dentistry"

The purpose of this lecture is to give an overview on the most common dental emergencies we can encounter during our daily practices, as well as steps to follow to resolve the issue and have the best possible outcome. Pediatric or general dentists face every day several clinical situations.

She accomplished an advanced training at the oral pathlogy department and the pediatric department at Pitie Salpetriere Hospital in Paris. She also completed a certificate in Virology and Immunology from St. Joseph University - Beirut, Lebanon (2002) a Pediatric dentistry certificate from the Lebanese University - Beirut.
27.09.2018

Д-р Георги Илиев
БЪЛГАРИЯ

Д-р Георги Илиев посещава множество лекции и курсове в областта на естетическото зъбопротезиране и керамични конструкции. Най-новите научни интереси на д-р Илиев са насочени към използването на изцяло керамични зъби фасети и частични фасети.

Dr Georgi Iliev has been a lecturer in the Department of Prosthetic Dental Medicine, Faculty of Dental Medicine, Sofia, since 2005. He acquired a degree in Prosthetic Dental Medicine in 2009. He is a member of the Bulgarian Scientific Dental Association.

Доц. Димитър Филчев
БЪЛГАРИЯ


Dr Filchev obtained his degree in dentistry at the Faculty of Dentistry in Sofia in 1998. Since 2000 he was appointed assistant professor at the Department of Prosthetic Dentistry. In 2003 he acquired the postgraduate specialization in Prosthetic Dentistry.

Практически курс
 vazhden za dentistry

Среди压抑 на проекта включва изграждането на орнамент на усиката в съчетание на основните параметри на рамката на усиката, стъркания с усилена ширина на усиката, възраст на наклон и доминантност, в съчетание с тънките форми, кореспондирани с темперамента на пациента и неговите нейни предпочитания.

The goal of the project - involves building the final smile design in combination with the basic parameters of the smile frame related to the face type: incisal projection, dental slope and dominance, combined with the dental forms corresponding to the temperament of the patient and his or her preferences.

"Covering recessions with tunnelling techniques"

During this hands-on we will deal with surgical techniques for the tunnel procedure for treatment of single and multiple gingival recessions. The treatment concepts presented are based on current clinical and biologic research. All aspects of treatment planning and step-by-step surgical procedures and specific instrumentation will be presented and discussed.

From 1982 till 2016 he is consecutively assistant and associated professor at the University. He established his private practice in Lyon in 1985. For 10 years he was the President of the Regional Society of Periodontology and in 2016 he was the President of the national congress of The French Society of Periodontology and Implantology.

Thanks to:

**Rally**

Мини гумички за композит

**Deppeler**

SWISS DENTAL INSTRUMENTS MANUFACTURE
27.09.2018

WORKSHOP
“Composite restorations protocols for anterior esthetics”

During this workshop we will see an overview about these arguments, we will go into details performing directly these aspects in order to reproduce all these characteristics.

Graduated in Dental School at Genoa University as DDS in 1999, National President of AISI (Italian Association of Dental Students) in 1997-99. Visiting Professor in Operative Dentistry at Genoa University in 2002/03.

Dr. Rasperini is Associate Professor of Dentistry and Periodontology at the Department of Biomedical, Surgical and Dental Sciences, University of Milan, Milan, Italy. Adjunct Clinical Associate Professor at the Department of Periodontics.

SEMINARY
“Temporo-Mandibular Disorders: Occlusion, Joints, Articulators, Splint therapy, Medications”

Using shingles is often the best choice for these patients in the initial phase of treatment. An attempt to synthesize this problem is the main purpose of this workshop.

Dr. Kiril Dinov graduated dentistry in Sofia in 1999, Specialized Implantology and Aesthetic Dentistry. Completed a one-year Master program in Implantology at UCLA/gIDE in Los Angeles under the direction of Dr. Sascha Jovanovic. Active member of The Dawson Academy Award 2011, Winner of The Dawson Academy Award 2012. Director gIDE Bulgaria Study Club.
**27.09.2018**

**Seminar**

"Posturologia in dental medicine. New paradigm"

The course consists of two parts and presents basic postulates of science as well as its application in dentistry using some basic and accessible techniques and tests.

Dr. Paolo Zavarella graduated as a medical doctor and later he specialized surgery and studied dental medicine and osteopathy. He is the founder and manager/ director of the School of Osteopathy in Rome. He is the founder of A.I.R.O.F.

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**Workshop**

"Surgical Veneer Grafting"

What are the parameters for a correct pocket diagnosis and the different treatment plan associated with each anatomical type, the dual zone approach. It will describe the criterion whether or not to place bone graft. What are the clinical techniques for effective recovery immediately after insertion of the implant.

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**Practical Course**

"Immediate postion on an implant with pore-thinned augmentation in the esthetic area"

If there are parameters for the correct diagnosis on the joint and the limitation of the use of the implant, or in the dual zone, the second zone. It will be described the criteria for postioning bone graft. What are the clinical techniques for effective recovery immediately after insertion of the implant.

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**T3 Short Implant System**

5.0 mmD и 6.0mmD External Hex Implants
dължини - 5 mm и 6 mm
TOBACCO HARM REDUCTION – an overview of PMI’s scientific approach & main results for the Tobacco Heating System (THS) 2.2

Philip Morris International R&D, Philip Morris Products S.A., Neuchatel, Switzerland (part of Philip Morris International group of companies)

The policy of tobacco harm reduction – making less harmful products available to smokers who would otherwise continue smoking – has the potential to be beneficial to public health, provided that (1) risk reduction is established by sound science and (2) smokers find these products satisfying as alternatives to smoking cigarettes. Philip Morris International (PMI) has developed a portfolio of products with the potential to reduce the risk of cigarette smoking-related diseases.

One such product, the Tobacco Heating System (THS) 2.2 heats tobacco without combustion, and the subsequent formation of harmful and potentially harmful constituents (HPHC) is greatly reduced compared with cigarette smoke. Assessment of the THS2.2 aerosol in vitro and in vivo reveals reduced toxicity and no new hazards. Additional mechanistic endpoints, measured as part of in vivo studies, confirmed reduced impact on smoking-related disease networks. Clinical studies have confirmed the reduced exposure to HPHCs in smokers switching to THS2.2 together with additional studies comparing the impact of switching on markers of disease risk. Additional elements of the integrated scientific assessment program include studies on risk perception and behavior for THS2.2 and post-market assessment studies.

In conclusion, the totality of the scientific evidence collected for THS 2.2 demonstrates the potential risk reduction to individual adult smokers.
BULDENTAL
15-17 MAY
2019

international exhibition for dental equipment, technics, materials, consumables

www.bulmedica.bg
The major challenges of Implant Therapy such as cost, time, and pain need to be reduced. New concepts in implant dentistry already allow us to achieve these requirements. Some of these new concepts will also be demonstrated in this presentation.

Postgraduate Student at the Department of Preventive Dentistry and Periodontology, University of Zurich, (Director: Prof. Dr. F. Lutz) 1986 – 1989
Postgraduate Student at the Department of Fixed and Removable Prosthodontics and Dental Material Sciences, University of Zurich, Center for Dental and Oral Medicine.
The policy of tobacco harm reduction – making less harmful products available to smokers who would otherwise continue smoking – has the potential to be beneficial to public health, provided that risk reduction is established by sound science and smokers find these products satisfying as alternatives to smoking cigarettes.

Dr. Filippo Zanetti is a scientist in Philip Morris International R&D since 2018. He was trained in Biology at the University of Padova, Italy, where he also obtained the Ph.D. in Biochemistry and Biotechnologies. He continued his carrier as a postdoc at the German Center for Neurodegenerative Diseases.

Dr. Ivana Eskić is a specialist orthopedic surgeon, born on August 29, 1976. She graduated from the Faculty of Dentistry, University of Belgrade on October 12, 2000. She enrolled in MA studies at the Clinic for Prosthodontics and Oral Medicine, Dental Medicine in Belgrade in 2001.

Lecture

"The Science behind PMI's Reduced-Risk Products"

"Effects of smoking on oral health"

"Composite vs ceramic: Adheseiveness Protocols"

"Efektът от пушенето върху оралното здраве"
28.09.2018

Lecture

"Space management in treatment of localized anterior tooth wear"

He received dental education at the Dental Faculty of the University of Baghdad, Iraq. Taught as an assistant professor at the Department of Prosthetics at the same faculty from 1989 until 1992. She received a PhD (DDS) from the University of California, Los Angeles in 1996.

Lecture

"Bonding & luting: clinical tips for success"

Chemical background and physical characteristics of the adhesives will be assaulted to understand the clinical capabilities and the possible role of the clinician to obtain the highest bonding performances, in terms of improved bond strength, extended durability and reduced post-op sensitivity.

He is now Full Professor of Restorative Dentistry and Dental Materials at the Department of Biomedical and Neuromotor Sciences (OIBUNEM) at the University of Bologna (Italy), Head of Conservative Dentistry and Director of the Master in Aesthetic Restorative Dentistry at the University of Bologna (Italy).
28.09.2018

LEKTUR

"Digital workflow in orthodontics"

Digital dentistry has not yet penetrated into Orthodontics to its full potential. The tools we have today enable the clinician to use digital workflow protocols for any case regardless of the technique. The lecture will provide a short overview of intraoral scanning, 3D planning, and 3D treatment.

Dr. Raf Romano is a specialist in orthodontics and dentofacial orthopedics, earned at The Dental Faculty, Hebrew University, Hadassah Jerusalem. He maintains a private practice in Tel Aviv limited on adult and aesthetic orthodontics. He lectures worldwide on esthetic orthodontics and adult multidisciplinary orthodontic treatment and conducts courses in lingual orthodontics.

LECTURE

"Periodontal exposure of the impacted tooth for orthodontic purpose proposal of a surgical decision tree"

The purpose of this surgery is to help the orthodontist to position the impacted tooth in the dental arch. The objective of this lecture is to illustrate the periodontal orthodontic surgery of the impacted tooth, with a specific highlight on the upper canine and to propose a surgical decision tree.

Past-President of the French Society of Periodontology and Oral Implantology (SFPOI) Past Assistant-Professor – Departement of Periodontology – Dental University – Paris 5 Private Practice limited to Periodontology & Implant Surgery.
**28.09.2018**

**LECTURE**
Orthodontic Treatment in The Presence of a Periodontal Disease - Minimizing the Risks

This lecture will enlighten the population in risk for periodontal deterioration during orthodontic treatment, the biological limitation and clinical risks when considering orthodontic treatment in the periodontally compromised patient. While proposing work protocols to overcome and prevent possible periodontal deterioration and biological side effects.

Dr. Tali Chackarachi graduated dentistry in 2002 (DMD). Completed a post-graduate program in Periodontology at the Department of Periodontology, Hadassah & Hebrew University Faculty of Dental Medicine in 2008. She became a senior physician in the department in the same year.

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**LECTURE**
Non-surgical approach to realign soft tissue margin

The aspect that plays a fundamental role in achieving this goal is undoubtedly the position of the gingival parabolas which must be ideal as far as possible. Surgery is a great help, often allowing us to manage complex situations, modifying the position of the gingival parabolas to make them more ‘pleasing.’

Graduated in Dentistry at the University of Bologna. Specializing in Orthodontics at the University of Cagliari with honors. Certificate of advanced training in implant dentistry ‘three months fellowship program in dental implantology. Freelancer in Bologna where he collaborate with Prof.Zucchielli.

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**LECTURE**
"Опростяване на костната регенерация посредством модерен биологичен подход с A-PRF и Soft Brushing-техника"  
Целта на тази лекция е да нака-ра участниците да мислят тър-во за биологията и смисъла за механиката. Създаването на биологично мислено драстич-но ще опрости процедурите по вертикална и хоризонтална костна аугментация. Също така ще ни запознаям с нов подход за по-лесно управление на ме-ките тъкани.

Дентален хирург (DDS), Универси-тета в Ница Магистър (MD) по Орална Биология, Інститута за Университет. Сертификат за следдипломна квалификация (CAGS) в областта на Периодон-тология и Имплантологията, Бостънски Университет. Частна имплантологична практика, Ница. Направление и международен лектор в Сърбия с костната биология, PRF, вертикална аугментация на але-опарен гребен и управление на мо-ките тъкани.

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Thanks to:
28.09.2018

**LECTURE**

"Soft tissue defects around osteointegrated implants"

The recession of the buccal soft tissue margin is a frequent complication of well-integrated dental implants. The appearance of metallic structure or even their transparency through the thin buccal soft tissues are common reasons for patient aesthetic complaints.

Member of the Scientific committee of the Italian Society of Periodontology in 2016/2017. Since February 2018 research assistant at Bologna University. Teacher at the 1 level International Master at Bologna University. Since 2005 to 2013 awarded research grant working with Prof. Giovanni Zucchelli. Since 2005 to date dental surgeon in private practice as expert in periodontology.

Dr. Phoebus Madianos is Professor of Periodontology, in the School of Dentistry, at the National and Kapodistrian University of Athens. He is currently the Director of the Graduate Program in Periodontology and of the Osseointegrated Implant Unit of the Dental School at the University of Athens.

**LECTURE**

"Menjджыкът на меките и твърди тъкани при лечение с импланти в естетичната зона"

Д-р Мадианос е професор по пародонтология в Училището по дентална медицина на Националния и Каподистрийски Университет в Атина. Професорът е шеф на научния комитет на EFP и директор на дипломната програма по пародонтология и естетична имплантология в Щатското Училище на Университета в Атина.

Replacing missing teeth with implants in the anterior maxilla remains one of the greatest challenges of today’s dentistry, especially in patients with significant aesthetic demands and a high lip line. Recreating the anatomy and morphology of hard and soft tissues is the critical and determining factor for achieving the goal of an aesthetic and harmonic restoration. This presentation will focus on surgical strategies to preserve and reconstruct post-extraction soft and hard tissue deficiencies. Different clinical scenarios though a series of cases will be addressed, including single, as well as multiple implant situations in the anterior maxilla. Surgical techniques involving hard and soft tissue grafting at various stages from extraction to restoration will be presented.

Dr. Phoebus Madianos is Professor of Periodontology, in the School of Dentistry, at the National and Kapodistrian University of Athens. He is currently the Director of the Graduate Program in Periodontology and of the Osseointegrated Implant Unit of the Dental School at the University of Athens.
PROF. LOUIS HARDAN LEBANON
Hall Planmeca 09:00 - 11:00

PROF. MARKUS HURZELEGER GERMANY
Hall Planmeca 11:00 - 13:00

Д-р Георги Илиев посещава множество лекции и курсове в областта на естетичното зъболечение и изкуствено керамики конструкции. Най-новите научни интереси на д-р Илиев са насочени към използването на изкуствено керамики и зъболечение фасети и частични фасети.

Dr. Georgi Iliev has been a lecturer in the Department of Prosthetic Dental Medicine, Faculty of Dental Medicine, Sofia, since 2006. He acquired a degree in Prosthetic Dental Medicine in 2009. He is a member of the Bulgarian Scientific Dental Association.

"Implement related soft tissue management - contemporary strategies for biological and esthetic long term success"

Uniquely that at such a small price, one of the lights in our profession will be discussed modern aesthetic methods. In continuation at two hours we will look at the new methods and ideas to achieve a good aesthetic soft fabric design. How important is the bone and soft tissue graft, what surgical techniques should be used, etc. Multiple clinical cases will be discussed.

Postgraduate Student at the Department of Preventive Dentistry and Periodontology, University of Zurich, (Director Prof. Dr. F. Lutz) 1986 – 1989 Postgraduate Student at the Department of Fixed and Removable Prosthodontics and Dental Material Sciences, University of Zurich, Center for Dental and Oral Medicine.
28.09.2018

**INTERNATIONAL SOFIA DENTAL MEETING**

**27 - 30 SEPTEMBER 2018**

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**DR. GIUSEPPE MARCHETTI**
**ITALY**

Hall Planmeca 16.00 - 18.30

**DR. ANTON TUMBALOV**
**BULGARIA**

Hall Planmeca 16.00 - 18.30

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**ПРАКТИЧЕСКИ КУРС**

“Керамични фасети от планиране до фиксация”

На този курс ще научите как да планирате персонализирана усмивка. Как да пренесете проекта точно в устата и да го обсъдите с пациента. Как да препарирате минимално инвазивно. Как да вие мете точен отпечатък. Какъв тип фасети за какви клинични случаи са подходящи.

През 2009 г. тя се присъединява към клиничния екип на проф. Бичачо в Тел Авив. През последните шест години д-р Ферару развива и пълни проекти в областта на периодонталната естетична стоматология, където тя се фокусира върху възстановителните и периодонтални хирургични леучения.

**WORKSHOP**

“Ceramic veneers from planning to fixation”

At this course you will learn how to plan personalized smile. How to transfer the project right into your mouth and discuss it with the patient. How to prepare minimally invasively. How to get the right foot print. What type of veneers for which clinical cases are appropriate.

In 2009 she joined the Bichacho Clinic team in Tel Aviv, Israel and for the last 8 years Dr. Feraru has gained in-depth knowledge and experience in all fields of Periodontal Prosthetic Aesthetic Dentistry, focusing on Restorative and Periodontal surgery treatments. She continues studying and participating in advanced programs and courses in the various fields of modern Periodontal Prosthetics.

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**ПОЧЕТЕН ЧЛЕН НА НАУЧНИЯ КЛУБ НА STYLE ITALIANO**

Има частна практика в Пърма. От 2012 г. е пектор в курса по дентална медицина в Университета в Сиена и в масър степените по ендодонтия и възстановителна дентална медицина. Автор е на публикации в национални и международни научни списания.

Honorary Member: Style Italiano Study Club. Lecturer, Degree Course in Dentistry, University of Siena, Italy, since 2012. Lecturer, Master in Endodontics and Restorative Dentistry, University of Siena, Italy, since 2012. Lecturer in national and international courses and conferences.

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**КЛИНИЧНА ДЕМОНСТРАЦИЯ**

“Индиректна възстановяване: Планиране, препарация, дигитален отпечатък, дизайн и фиксация”

Индиректните техники за естетични възстановявания са границата между консервативната дентална медицина и протетиката, граница, която всеки може да постигне днес. Започваме от идеалния лекен план в естетичната дентална медицина до описание на всички фази на възстановяването, които характеризират подхода на индиректното частично възстановяване във фронт.

Indirect techniques for aesthetic restorations are the borderline between the conservative dental medicine and prosthetics, a limit that everyone can achieve today. Starting from the ideal healing plan in aesthetic dentistry is a description of all phases of recovery that characterize the indirect partial recovery approach in the front.

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**CLINICAL DEMONSTRATION**

“Indirect restoration: Planning, preparation, digital impression, design and fixation”

Indirect techniques for aesthetic restorations are the border line between the conservative dental medicine and prosthetics, a limit that everyone can achieve today. Starting from the ideal healing plan in aesthetic dentistry is a description of all phases of recovery that characterize the indirect partial recovery approach in the front.
**28.09.2018**

**PROF. MARKUS HURZELER GERMANY**

**PROF. METODI ABADZHIEV BULGARIA**

**Hall Zimmer Biomet**

14.00 - 18.00

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**WORKSHOP**

"Reconstruction techniques at pronounced soft tissue defects"

Uniquely that at such a small price one of the lights in our profession will be discussed modern aesthetic methods. In continuation at two hours we will look at the new methods and ideas to achieve a good aesthetic soft fabric design. How important is the bone and soft tissue graft, what surgical techniques should be used in specific situations. Multiple clinical cases will be discussed.

Postgraduate Student at the Department of Preventive Dentistry and Peridontology, University of Zurich, 1986 – 1989 Postgraduate Student at the Department of Fixed and Removable Prosthodontics and Dental Material Sciences, University of Zurich, Center for Dental and Oral Medicine.

Thanks to: **AMERICAN Dental Systems**

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**WORKSHOP**

"How to start and what to know, with implant placement the easy protocol"

The first steps in the oral implantology will be discussed. How to plan a Clinical case and how to choose the right one implant?

Since 2008 is assistant professor in Prosthodontics at Medical University Varna. In 2010 becomes Associate Professor. Since September 2011 is head of department of Prosthodontics and Orthodontics. In 2011 acquires degree “Expert in Implantology” at DGÖ. The dental clinic he is head of is specialized in entire rehabilitation of the masticatory apparatus and high-aesthetic prosthodontics.

Thanks to: **Tokuyama Dental**
28.09.2018

**WORKSHOP**

"Soft Tissue Management Around Teeth and Implant for Esthetic Results"

Design and height of the flap type of envelope, partial-thickness of buccal, full thickness of lingual, epithelial-connective tissue graft, incision lines and grafting on gingival recession.

He is a Diplomate of the American Academy of Periodontology, a Diplomate of the International Congress of Oral Implantology with a special Award of 25 years contribution for The American Board of Periodontology, a Member of Honor of the American Dental Implant. He has received the French Medal of "Chevalier de l’Ordre National du Merite".

**SEMINAR**

"How to Balance Dynamic Occlusion: Canine Protective Occlusion and/or Real Mastication?"

The goal of this workshop is first to describe the functional occlusal anatomy of the posterior teeth in order to understand how is organized and realized the guidance of the posterior cusps slopes during chewing cycles. This stage is the essential pre-condition to practice the rebuilding techniques of these guidelines that will be described then.

Main Lecturer in Dental college of University of Strasbourg, University Diploma of functional Occlusion 2015-2016 Lecturer in the University of Paris Est Rugby Strasbourg in the field of Occlusodontics and Dental implants.
28.09.2018

WORKSHOP

“T3 Shorts Implants”

Presentation on T3 implants

I. Overview

II. Features & Benefits

III. Clinical Considerations

Presentation on T3 Shorts Implants

IV. Overview

V. Surgical Protocol

VI. Clinical impact as an alternative treatment

Workshop on T3 Shorts Implants

VII. Implant placement on plastic mandibles

Thanks to:

WWW.SDM.BG
Д-р Теодора Йорданова е редовен асистент в катедрата по Ортодонция на Факултет по Дентална медицина към МУ София. Професионалните и интереси са свързани с ранно ортодонтическо лечение, насочва не на пробив на постоянните зъби. Локализация и предимства на миофункционалното лечение във връзка със смесено състояние, назнаване на leeway space, като метод за ранно лечение, приложение на лингвална дъга, lip bumper, екстракралияли апарати за дистракция, трансаксилна дъга в смесено състояние, ранно лечение с фиксирана техника.


In 2002 graduates with honours from Faculty of Dental Medicine, Medical University Sofia. In 2010 obtains a specialist qualification as orthodontist, Faculty of Dental Medicine, Medical University Sofia. As of 2006 manages the Medical and Dental Centre MDC Papadopoulos.

Д-р Теодора Йорданова е редовен асистент в катедрата по Ортодонция на Факултет по Дентална медицина към МУ София. Професионалните и интереси са свързани с ранно ортодонтическо лечение, насочена на пробив на постоянните зъби. Локализация и предимства на миофункционалното лечение във връзка със смесено състояние, назнаване на leeway space, като метод за ранно лечение, приложение на лингвална дъга, lip bumper, екстракралияли апарати за дистракция, трансаксилна дъга в смесено състояние, ранно лечение с фиксирана техника.


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- Ниска минерализация

- Неутрална стойност на показателя pH (7.2)

- Подходяща за ежедневна употреба

- Съставът не натоварва организма

- Естествено формираното съдържание на водата, отговаря на естествените нужди на човешкото тяло

- Подходяща за всички възрастови групи - от новородени до възрастни

- Водата е под контрола на SGS INSTITUT FRESENIUS - Германия.

- It springs from a clean area to reserve "Red Wall", awarded by UNESCO.

- Water is bottled in its natural state without any additional treatments

- Low mineralization

- Neutral pH (7.2)

- Suitable for daily use

- Its composition does not burden the body

- Naturally formed, the content of the water corresponds to the natural needs of the human body

- Suitable for all ages - from newborns to adults

- The water is under the control of SGS INSTITUT FRESENIUS - Germany.
29.09.2018

Д-Р МИРЕЛА ФЕРАРУ ИЗРАЕЛ

DR. MIRELA FERARU ISRAEL

Hall MIS
09:00 - 10:00

Проф. Нитцан Бичачо е директор на Ronald Goldstein - център за естетична дентална медицина, екс- протезист и професор във Факултета по дентална медицина в Еврейския университет, Йерусалим. Бивш президент и настоящ член на Европейската академия по естетична дентална медицина.

Nitzan Bichacho, D.M.D. holds the post of expert in prosthodontics at the Faculty of Dental Medicine, Hebrew University and Hadassah, Jerusalem, Israel. He is a Faculty Member of the Departments of Oral Rehabilitation of both dental facilities at the Hebrew University in Jerusalem and at Tel Aviv University.

ЛЕКЦИЯ

"Harmonizing Smiles in Challenging Esthetic Treatments"

Restoring teeth at the smile zone has always been a challenging task due to the need to combine structural strength of the restored tooth and the aesthetic integration with the adjacent dentition. Moreover, in order to achieve a harmonious esthetic result of an indirect restoration at the smile zone - the operative team should not only choose the material of the restoration, but also analyze and relate to the abutment type and color and to the integration of the whole restorative complex with the surrounding tissues, whether of a natural tooth (vital or non-vital), or an implant. In cases where different types of abutments should be restored at the same arch, the treatment becomes even more challenging. One should plan ahead the different interdisciplinary phases of the treatment in order to end up with a harmonious natural looking result.

"Periodontal furcation surgery: regenerative or resective?"

Various regenerative procedures have been tested with the aim of eliminating the furcation defect or reducing the furcation depth. This presentation will review indications and contraindications for the various procedures, present the available surgical techniques and guidance in the decision making process.

Soren Jepsen is Professor and Chairman of the Department of Periodontology, Operative and Preventive Dentistry at the University of Bonn, Germany. Previously he was Assistant Professor in the Department of Prosthodontics at the University of Hamburg and later Associate Professor in the Dept. of Conservative Dentistry and Periodontology at the University of Kiel.

WWW.SDM.BG
LECTION

"Soft Tissue Substitutes for enhanced Aesthetics around Teeth and Implants"

As possible alternatives, collagen matrices have been evaluated and promising long-term clinical results will be presented. Recently, volume stable matrices for optimizing soft tissues around implants were introduced. Methods for their application will be described and data from controlled clinical trials will be shown.

Karin Jepsen is Associate Professor at the University of Bonn, Germany. From 1993-2007 she maintained a private practice specialized in periodontology/implant dentistry in Hamburg, Germany. She is a lecturer of master courses in plastic and regenerative periodontal surgery.

Lecture

"Treatment of gingival recession in the upper jaw"

PhD in Biotechnologies Applied to the Dental Sciences, Active Member of the Italian Society of Periodontology and Implantology (SIdP), of the Italian Academy of Osseointegration (IAO), Fellow of the International Team for Implantology (ITI) and actually Education Delegate of the ITI Section Italy.

LECTURE

"Indirect posterior restorations: let's finally look for predictable and longlasting ones!"

This lecture aims to point out the relevant guidelines in indirect techniques for esthetic posterior restorations through the evaluation of the disposable techniques and materials in order to reach a correct and standardized clinical result in respect of the restorative esthetic dentistry.

Professor at the Faculty of Medicine and Surgery School of Dentistry / Restorative Dentistry and Dental Esthetics, Tor Vergata University, Rome - Director of the Master Course in Adhesive Esthetic Dentistry -He is Honorary Consultant Professor at the Maimonides University, School of Dentistry - Buenos Aires (Arg)
**Lecture**

"Ceramic laminate veneers: Updated clinical procedures (with a multidisciplinary approach)"

Defining the update indications and the materials for the realization of the laminate veneers: a multidisciplinary operative sequence from aesthetic analysis to mock-up-guided preparation to adhesive cementation of laminate veneers, the advantages of digital esthetic preview.

Active member of the "Accademia Italiana di Conservativa" since 1995. Active member of the "Italian Academy of Esthetic dentistry" since 2011. Active member of the International Academy for Digital Dental Medicine IADD since 2015. Visiting professor at the University of Pavia since 2007 to 2012.

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**Lecture**

"Composite restorations in the aesthetic area"

The aim of the demo is to show innovative techniques that can simplify the operator in obtaining restorations of high quality in the posterior sectors, with extreme simplicity and surprising aesthetic results.

M.D. degree and D.D.S. post graduate certificate from the University of Ancona, Italy. Full professor in Restorative Dentistry at School of Dentistry Polytechnic University of Marche, Ancona. Head of the Operative Dentistry and Endodontics department at School of Dentistry Polytechnic University of Marche, Ancona.

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**Lecture**

"Modern concepts for partial indirect restorations"

Starting from the ideal treatment plan in Esthetic Dentistry, to get the description of all phases of rehabilitation, that characterize an indirect partial restorative approach in anterior, the participant will show what to do step by step, for all the phases of a rehabilitation either of simple cases or complex ones.

Honorary Member: Style Italiano Study Club Lector, Degree Course in Dentistry, University of Siena, Italy, since 2012. Lecturer, Master in Endodontics and Restorative Dentistry, University of Siena, Italy, since 2012. Lecturer in national and international courses and conferences.

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**Lecture**

"Keramikni laminatni faseti: aktualizirani klinichni proceduri (s multidisciplinarnim pristupom)"

Definiranje na indikacijata i materijali za laminatni faseti, na multidisciplinar na oparativna operacija posledovanost ot estetichni analiza do vode- nako preparirane od mock-up do adhezivno cimentiranje na laminatnite faseti i na pre- dmet na estetichnite estetichni predvarenten pregled.


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**Lecture**

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M.D. degree and D.D.S. post graduate certificate from the University of Ancona, Italy. Full professor in Restorative Dentistry at School of Dentistry Polytechnic University of Marche, Ancona. Head of the Operative Dentistry and Endodontics department at School of Dentistry Polytechnic University of Marche, Ancona.

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"Closing distances between. Direct or indirect - the least invasive options"

The author presents current clinical concepts and his considered experience in solving such cases in the least invasive way. The choice between indirect porcelain veneers and direct composites is discussed, as well as all the full clinical protocols.

Dr. Ivan Raychev is a specialist in Operative Dentistry and Endodontics. At the moment Dr. Ivan Raychev is running his own dental clinic, and is a part-time assistant professor at the Department of Conservative Dental Medicine. His strong interests are in the field of the aesthetic dentistry, focusing in the aspects of the minimally invasive approach.

"Advances in CAD/CAM technologies"

The recent digital technology offers numerous new and efficient options for restorative dentistry. The "digital workflow" and the associated additive procedures, is not only interesting for the fabrication of dental reconstructions but also for a better patient/dentist communication.

Since 2016 he is dental Technician at the Clinic for Fixed Prosthodontics and Biomaterials in Geneva, Switzerland and runs his own laboratory. He is a Fellow of the International Team for Implantology, and a member of the Oral Design Group of the European Association of Dental Technology and German Society of Esthetic Dentistry. He is active as speaker on a national and international level.
Patients with esthetic and functional compromised dentition, frequently involves an interdisciplinary approach with dental implants. Achieving of aesthetic and functional objectives in such cases represents a considerable surgery and clinical challenge.

Dr. Salvatore D’Amato is an Associate Professor and Director of the Master’s Degree in Oral Implantology at the Maxillo-Facial Surgery School of Medicine, Campania University ‘Luigi Vanvitelli’ Naples-Italy. He is qualified specialist in Maxilla Facial Surgery and Department Director of Oral surgery.

**LECTURE**

"The digital work flow and digital solutions on implants"
11TH INTERNATIONAL SOFIA DENTAL MEETING
27 - 30 SEPTEMBER 2018

PROF. ANĐJELO TROEĐAN
AUSTRIA

Hall B
14:45 - 15:30

"Closing distances between Direct or indirect - the least invasive options."
The author presents current clinical concepts and his considered experience in solving such cases in the least invasive way. The choice between indirect porcelain veneers and direct composites is discussed, as well as the full clinical protocols.

Dr Ivan Raychev is a specialist in Operative dentistry and Endodontics. At the moment Dr Ivan Raychev is running his own dental clinic, and is a part-time assistant professor at the Department of Conservative Dental Medicine. His strong interests are in the field of the aesthetic dentistry, focusing in the aspects of the minimally invasive approach.

29.09.2018

PROF. ANGELO TROEĐAN
AUSTRIA

Hall B
15:30 - 16:15

"Restoration of ‘Failing’ Teeth with Implants in the Aesthetic Zone – The Keys to Success"
This presentation will review the contemporary surgical and prosthetic concepts in management of implants in the aesthetic zone with a view to achieving optimum long term aesthetics and stability. The outcomes depend on the clinical management and application of the biological factors.

Dr Tidu Mankoo qualified with a BDS from the University of Bristol in 1981, and completed his Masters and Referral Practice in Windsor, UK, treating Implant, Restorative and Aesthetic cases and particularly complex cases. He has built a reputation for exceptional dentistry and carries out both the surgical and prosthetic aspects of his cases.

Thanks to:

WWW.SDM.BG

ASSOC.PROF. NEJAT NIZAM TURKEY

Hall B
16:15 - 17:00

"Minimally invasive implantology in posterior maxilla"
In this presentation current knowledge for short implants in posterior maxilla will be discussed and minimally invasive implantation techniques in complicated cases will be demonstrated.

2014-present Ege University, Faculty of Dentistry, Department of Periodontology, Izmir, Turkey
2014 Assoc Prof Degree
2009PhD Degree. 2003-2009 Postgraduate Education and Specialization in Periodontology, Ege University, Faculty of Dentistry, Department of Periodontology, Izmir, Turkey 2003 Qualified as a Dentist.

Thanks to:

SMART IMPLANTS
LECTURE

"Non-surgical treatment of periodontal disease"

The aim of this lecture is to discuss the importance and modalities of mechanical root instrumentation in the treatment of periodontitis. At the end you can to choose the most appropriate protocol for non-surgical periodontal treatment in specific patients and evaluate the outcome of the treatment.

Cristiano Tomasi is Associate Professor at the Department of Periodontology at the Institute of Odontology, The Sahlgrenska Academy at University of Gothenburg, Degree in dentistry in Verona University, Italy in 1991; certificate as specialist in clinical periodontology in 2002 at Gothenburg University, Sweden.

CLINICAL DEMONSTRATION

"Treatment of gingival recessions in the lower incisors - tunnel technique"

At the demonstration we will see a tunnel technique with connective tissue graft to cover recessions in the lower front. The unique and innovative technique you will see live with detailed explanations.

Anton Sculean is professor and chairman of the Department of Periodontology and currently the Executive Director of the School of Dental Medicine, University of Berne, Switzerland. He qualified in 1990 at the Semmelweis University in Budapest, Hungary and has received his postgraduate training at the Universities Münster, Germany and Royal Dental College Aarhus, Denmark.
TREATMENT PLANNING SESSION

"Treatment planning session"

Prof. Zucchelli took on the difficult task of choosing a few clinical cases that will be discussed with everyone, and with him a team of specialists in each area will be offered different solutions, justifying which is the best and what are the positive or negatives.

Doctor in Dentistry Professor of Periodontology Bologna University PhD in Medical Biotechnology applied to Dentistry Active member of Italian Society of Osteointegration, Italian Society of Periodontology and European Federation of Periodontology and American Academy of Periodontology.
**FROM BIOLOGY TO CLINICAL EXCELLENCE**
**SOFIA • BULGARIA • HOTEL RAMADA**

**29.09.2018**

**PROF. KARIN JEPSEN GERMANY**

Hall D
14:00 - 18:00

**PROF. SØREN JEPSEN GERMANY**

Hall D
14:00 - 18:00

**PROF. SØREN JEPSEN GERMANY**

26

Hall Zimmer
Biotet
08:00 - 12:00

**ПРАКТИЧЕСКИ КУРС**

"Vertikalna kostna aугментация от А до Я"

Този практически курс предоставя знания и основи на технологията за лечение на нежни костни дефекти с помощта на възможността на възможността на крайна костна регенерация (GBR). Това позволява на клиницистите да лекуват повече пациенти и да им предоставят най-модерната технология за лечение на най-проникновениите дефекти.

Понятията това е поетен член на изследователското общество към Факултета по Пародонтология към UCL Лондон, Институт в Лондон. Лектор на дипломантите по имплантология в създаване на института както и е създала с факултета по биоматериали към Института по клинични науки.

**WORKSHOP**

"Vertical Bone augmentation: from A to Z"

Upon successful completion of this course programme, students will be able to understand the theory of GBR, undertake expert patient diagnosis for vertical and horizontal ridge augmentation, make informed choices in graft selection and treatment planning, apply the latest techniques to reconstruct peri-implant soft and hard tissues.

She graduated in dentistry at the University of Milan, Italy. She was then awarded a scholarship from the department of Medicine, University of Milan, to train as a clinical and research fellow at the Department of Periodontology, Harvard School of Dental Medicine, Boston, MA.

**Thanks to:**

**Hu-Friedy**

**www.sdm.bg**
29.09.2018

Dr. Nabil Nader

Hall Zimmer Biomet 14:00 - 18:00

Nabil Nader is a graduate in dentistry at the Dental School of the Lebanese University. He specialized in, in Paris, in Oral Surgery, graduating with an advanced certificate (CES, PARIS VII), and in periodontology, graduating with a University Diploma (DU PARIS VI).

Prof. Ronald Younes

Hall Zimmer Biomet 14:00 - 18:00

Assitant Professor St Joseph University, Faculty of dentistry, department of Oral Surgery Post grad studies in Periodontics, Implantology and Oral Surgery at the Universities of Paris, Secretary General and founding member, Lebanese Society of Oral Surgery.

PRACTICAL COURSE WORKSHOP

"Sinus lift techniques, different approaches"

Theoretical part: Importance of the ridge augmentation for the sinus surgery. Discussion of the different surgical and post-operative techniques. Presentations on different cases. Practical part: Workshops for different surgical and post-operative techniques.

"Sinus floor elevation a new approach"

The importance of Sinus Floor Elevation in implant practice. What to look for on a radiographic examination; Minimally invasive, crestal SFE approach, Lateral SFE approach.

WORKSHOP

"Closing diastema in anterior teeth when and how?"

The need for diastema closure is well known. The workshop will focus on closing diastema in the anterior region by using composite resin. The "buccolingual layering technique" will be demonstrated step by step, emphasizing the ways to achieve the correct emergence profile and gingival contour, while highlighting relevant instruments and clinical tips.

Dr. Talmor is a faculty member at the Ronald E. Goldstein Center for Aesthetic Dentistry - Prosthodontics Department at the Hadassah Medical Campus, Faculty of Dental Medicine under the leadership of Prof. Nitza Bichacho. Dr. Talmor joined the Bichacho clinic in Tel Aviv in 2005.

Don't miss the live demonstration by Dr. Nabil Nader & Prof. Ronald Younes!

"GBR techniques in easy steps"

Thanks to:

www.sdm.bg
FROM BIOLOGY TO CLINICAL EXCELLENCE

**SOFIA • BULGARIA • HOTEL RAMADA**

**29.09.2018**

**DR. YANA ANASTASOVA-YOSHIDA • BULGARIA**

**PROF. ANGELO TROEDHAN • AUSTRIA**

**PROF. LOUIS HARDAN • LEBANON**

**ПРАКТИЧЕСКИ КУРС**

"Indirectly-vasting in the dental area (CAD/CAM, preparation and design) with CEREC"**

"Indirectly-vasting in the dental area (CAD/CAM, preparation and design) with CEREC"

Протокол на работа при използване на системата CEREC, Sirona. Материали, инициирация, интраорально сканиране, дизайн, клинични аспекти, параметри и индивидуални настройки при работа със софтуер. Особено внимание ще бъде отделено на видовете възстановявания в дисталната област.

От 2009г. е преподавател към Катедра "Протетична дентална медицина", София, а през 2013г. придобива специализация по Протетична дентална медицина. От 2014г. е главен лекар в Danube Private University, Австрия, където специализира и преподава в сферата на Естетична дентална медицина и Имплантология. От 2015г. ръководи CEREC обучението в университета, като същевременно е съветник и колектор по CAD/CAM технологии в Digital Dental Academy, Berlin.

**WORKSHOP**

"Indirect posterior restorations: Preparation and design with CEREC"

The course aims to introduce the CEREC system, Sirona, into the clinical protocol. Materials indication, intraoral scanning, design, clinical aspects, parameters and individual settings when using the software. During this practical course the participants will be trained in correct preparation techniques according to the requirements and the protocol of the system.

Since 2009 is a lecturer at the Department of Prosthetic Dentistry, Sofia, and in 2013. gained a degree in Prosthetic dentistry. From 2014 is a general practitioner at Danube Private University, Austria, where she specializes and teaches in the field of Aesthetic Dentistry and Implantology. From 2015. leads the CEREC training at the university while at the same time he is certified as a lecturer in CAD/CAM technology at the Digital Dental Academy, Berlin.

**ПРАКТИЧЕСКИ КУРС**

"Новият Златен стандарт в обработването на костта: демонстрация на основни и напреднали хирургични техники с пиеозотом"**

"Новият Златен стандарт в обработването на костта: демонстрация на основни и напреднали хирургични техники с пиеозотом"

"Новият Златен стандарт в обработването на костта: демонстрация на основни и напреднали хирургични техники с пиеозотом"

Експерименталните и клиничните открития бяха сравняни, чрез техните микроморфологични, хистологични, биологични и клинични ефекти, когато води до сравнителен преглед с въздействието върху ежедневната работа. Литературата предлага пиеозелектрични хирургични инструменти за разна състояние на костта, която да предоставят прецизност, най-малко загуба на кост, подобрено костно лечение.

Директорът е на Центъра по Естетиката в Института "Мари Дей" във Виена и в болницата "Brothers of Mercy" в Айнщайд. Неговите научни проучвания са фокусирани върху ултразвуковите приложения и биоматериалите в имплантологията, водещата костна регенерация.

"Mobile Dental Photography"

The participants will learn how to take high quality dental pictures and videos with mobile phones and Smile Lite MDP. The specifications of the cameras, the kind of lights used, managing the light, the accessories needed and how to use MDP for the smile design, will be explained in details in this course and workshop.

Prof. Louis Hardan, head of the restorative and esthetic department at Saint Joseph University Beirut-Lebanon. He graduated dentistry in 1989 and continued his post-doctoral education at Saint Joseph University; he obtained a certificate for basic science in 1993, he completed his specialization in restorative and esthetic dentistry in 1995, and completed his PhD in oral biology.

**Участниците ще научат как да направят висококачествени дентални снимки и видеа с мобилни телефона. В този курс ще бъдат обяснени в detalи мобилна дентална фотография, спецификациите на камерите, видът на използваните светлини, управлението на светлината, аксесоарите, от какво се ползваме и как да използваме мобилна дентална фотография за дизайна на усмивката.

Проф. Луис Хардан е ръководител на Катедрата по Консервативно и Естетично зъболечение на Университета Свети Жозеф, Бейрут, Ливан. Завършил е дентална медицина през 1989г. и продължава следдипломното си обучение в Университета Свети Жозеф. През 1993г. получи сертификат за основни научни знания, през 1995г. завърши специализацията по възстановителна естетична дентална медицина.

**WORKSHOP**

"Mobile Dental Photography"

"Mobile Dental Photography"

"Mobile Dental Photography"

"Mobile Dental Photography"
The course presents three techniques in channel-separated instruments - ultrasonic, microtube, and bypass. Each participant will be able to retrieve separated instruments using micro-tube and ultrasonic equipment.

Dr. Kalin Shiyakov graduated from F.D.M Sofia in 2002, and since 2003 is an assistant professor in the department of Conservative dentistry of the same faculty. In 2006 he finished his specialization in Operative dentistry and endodontics. Since 2011 he uses a dental operating microscope in his clinical practice.
АБОНАМЕНТ 2019

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QUINT-
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THE BEST
30.09.2018

**LECTURE**

"Biologically oriented preparation technique"

When compared to other preparation techniques with finishing lines (chamfer, shoulder, etc.), the BOPT (Biologic Oriented Preparation Technique) has a higher sensitivity and speed of execution in the preparation, taking the impressions, in the finishing of the provisional and in the crown profile realization.

Dr. Loi was born in Cagliari, December 22, 1961. Graduated in Medicine and Surgery and specialized in Dentistry at the University of Cagliari. Active member of the Italian Academy of Prosthetic Dentistry, Adjunct Professor at the University of Pisa. Private practice in Cagliari.

Dr. Ignazio Loi is a professor of prosthodontics at the University of Cagliari, with a particular focus on the use of digital technology in prosthetic dentistry.

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**LECTURE**

"Digital workflows on natural teeth and implants for predictable success."

The lecture will be focused on the research data and on the clinical applications of the prosthetic treatments on natural teeth and implants with the new technologies. During the lecture will be explained the clinical steps using a digital workflow starting to the intraoral scanner.

Carlo Monaco is a professor and director of the Master in Prostheses and Implant Prostheses at Department of Biomedical and Neuromotor Science at University of Bologna.}

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**LECTURE**

"Minimally Invasive Full-Mouth Rehabilitation Adapting Digital Dentistry"

Lately, favorable results are seen in many esthetic & functional rehabilitation cases with minimally invasive techniques. This became possible due to the development of bio-mimetic, advancement in bonding technique, and treatment using the etiological-based approach.

2001: Open and maintain Clinic in Tokyo, Japan Tokyo SJCDC; Vice Chairman of the Board Academy of Microscope Enhanced Dentistry(USA); Board Member Ohu University Faculty of Dentistry Alumni Association Academic Department Japan Academy of Esthetic Dentistry Certified Dentist Japan Academy of Gnatology And Occlusion; Certified Dentist
D-R КЕНДЖИ ЦУЧИЯ ЯПОНИЯ

DR. KENJI TSUCHIYA
JAPAN

Hall MIS
11:00 - 11:30

ЛЕКЦИЯ

"Хармония между естетика и биология при лечение на възстановяване"

От 1970 г. денталните пионери са докладвали изследвания върху биологичната ширина и типа на пародонталната тъкан. Лекторът Кенджи Цучия предлага нов метод на изработка на възстановяване, разглеждайки някои случай с пародонтална тъкан.

От 1989 г. поддържа частна практика, специализирана в областта на протетиката, естетичната пародонтология и имплантологията в центъра на Токио, Япония. През 2017 г. получава степен доцент по дентална медицина в Университета Нихон и работи като клиничен професор в същия университет. Основател на Обществото по японска клинична стоматология.

Lecture

"The Harmony with Esthetic and Biology in Restorative Treatment"

Dental pioneers are reporting the studies on biological width and about the type of periodontal tissue from the 1970s. This time, the lecturer would like to discuss about a methods of making the restorations considering the periodontal tissue with some cases.

Maintains a private practice limited to prosthodontics, esthetic dentistry periodontics and implantology in central of Tokyo, Japan from 1989. Received a Ph.D. in dentistry from the Nihon University school of dentistry 2017. The founder of the Society of Japan Clinical Dentistry.

30.09.2018

D-R ФУМИО ЯМАГУЧИ ЯПОНИЯ

DR. FUMIYO YAMAGUCHI
JAPAN

Hall MIS
14:00 - 14:30

ЛЕКЦИЯ

"Еволюцията на дизайн на ламбето при работа с микроскоп"

В тази презентация лекторът ще представи нов дизайн на ламбето, което се отнася главно до кръвоснабдяването при микроскопия на пародонтална тъкан, като ще представи съответните изображения и клинични примери.

През 1988 г. завършва Училището по дентална медицина в Университета Шоа. От 2003 г. е специалист, сертифициран лекар в Японското Общество по пародонтология. През 2006 г. открива дентална клиника Ямагучи в Иокогама, Япония. Член е на Японската Академия по Клинична пародонтология.

Lecture

"Change of Flap design with the microscope"

In this presentation, I would like to give the new flap design, which is primarily considering Blood supply in Microsurgery of periodontal tissue while presenting the relevant sources and clinical examples.


D-R ЙОШИНОРИ КАМАЕ ЯПОНИЯ

DR. YOSHINORI KAMAE
JAPAN

Hall MIS
14:30 - 15:00

ЛЕКЦИЯ

"Планиране на комплексно лечение при силно увредено съзъбие"

Тази презентация ще даде някои прозрения върху комуникацията в рамките на денталния отбор, които трябва да достигат успешно лечебно планиране при зъбно заболяване. Участниците ще научат как да използват шестте елемента на диагнозата, така че по мнение на лектора, комуникацията в рамките на екипа да се направи по-лесна.

През 1999 г. завършва Училището по дентална медицина към Университета Амичи Гакуин. Член е на Японското Общество по клинична дентална медицина, на Японското Общество по протетика и на Японското Общество по Орална имплантология. Има частна практика в Токио, Япония.

Lecture

"Contemporary Comprehensive Treatment Planning of Debridement Dentitions"

My presentation will provide some insights on communication within a dental team which should lead to successful treatment planning of debilitated dentitions. Attendees will learn how to use the 6 elements of diagnosis that, in my opinion, could make the communication within the team easier.

Private Practice

7F CBON view 7-18-12 Roppongi Minato Tokyo, Japan 1999: Graduated Aichi Gakuin University School of Dentistry Society of Japan Clinical Dentistry: Member Japan Prephodontic Society: Member Japanese Society of Oral Implantology: Member
Петър има мениджърски опит в компания като HP, Compaq и първия дистрибутор на Microsoft в България, където като търговски менеджър е ръководил пионерски проекти като разработването на пазара за интегратори за бизнес и първия Microsoft OEM канал в България. Удостоен е лично от Карли ФIORINA, бивш изпълнителен директор на HP за целия свят.

Peter has managerial experience at leading tech companies like HP, Compaq and the first Microsoft distributor, where he has led pioneering IT projects like developing the intel server market for business and the first Microsoft OEM channel in Bulgaria. In 2004 he was acknowledged by Carly Fiorina.

Ирина е ръководила връзките с обществеността на Rolls-Royce, Finmeccanica, Saab и др. в някои от най-сложните мулти-миллионни национални търгове в сфера на отбраната у нас. А преди това като дипломатически кореспондент е интервювала множество високопоставени европейски и американски политици, военни и известни личности.

Irina has led the PR for the Bulgarian market on behalf of leading defence companies like Rolls-Royce, Finmeccanica, Saab, etc. in some of the most complex multi-million national defence tenders, before that as a Diplomatic Correspondent she interviewed numerous high ranking US and European officials and dignitaries.

"Как да управлявайте денталната практика като устойчив печеливш бизнес?"

"How to lead your dental practice as a sustainable profitable business?"

Te първи въвеждат в бизнеса в България, включително в стоматологични кабинети и клиники, едни от най-съвременни управленски методологии в света, които се прилагат в Силициевата долина, както и от компанията от престижната класация Fortune 500.

They are pioneers in introducing to business, including dental offices in Bulgaria, some of the cutting-edge organizational leadership methodologies worldwide that are applied by Silicon valley and Fortune 500 companies.

Дентисти прописват около 10% от всички антибиотици и те са изписват за лечение на инфекции. Най-често те са от групите на бета-лактамите, макролидите, тетрациклините, линкоаминидите и имидазолите.

"Antibiotic therapy and antibiotic resistance in dental medicine"

Dentists prescribe around 10% of all common antibiotics and they are prescribed for treatment and prevention of infections. Most frequently used are beta-lactams, macrolides, tetracyclines, lincomides and metronidazole. The aim of this presentation is to review some used antibiotics.

In 2007 Prof. Petrov received a specialty "Microbiology". He specialized in the States Serum Institute in Copenhagen, Denmark. Since 2010 he is Associate Prof. at the Department of Microbiology and Immunology at the Medical university in Plovdiv.

Inновативни инструменти LM ARTE

за естетични възстановяваня
<table>
<thead>
<tr>
<th>Д-р Еспозито е изследовател на свободна практика със специфичен интерес към клинични методи за имплантология, парондонтология, ендодонция и биоматериалите. От 2002 г. до днес е редактор на Групата на коалито риска здраве в Университета по дентална медицина в Университет Манчестър.</th>
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<tr>
<td><strong>LECTURE</strong></td>
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<td>“Rehabilitation of the atrophic mandible: short implants or longer implants in vertically augmented bone?”</td>
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<th>Специалист е по ортодонция. Доктор по философия на денталните науки, Доктор в Университетата в Кисти-Песчана. Лектор е на следипломни и магистър курсове, международни и национални конференции. Активен член на Италианска Академия по остеоинтеграция (IAO). Има 26 публикации в международни списания и е автор на няколко глави в книги по върху имплантология и биоматериалите.</th>
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<th>Специалист в ортодонция. Доктор в Философия в Дентални науки. Асистент професор, Университет Чиети-Песценета. Лектор на постдипломни и магистърски курсове и на международни и национални конференции.storeIdпеве на член на Регионалната академия за костна интеграция (IAO).</th>
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**30.09.2018**

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<th>ЛЕКЦИЯ</th>
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<td>“Кръстосано-свързани стратегии за изследване на биоматериалите”</td>
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**Целта на лекцията е да се представи и актуализира кръстосано-свързаните стратегии за оценка на биоматериалите при костна регенерация чрез комбинация на нови технологии.**

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<td>“Cross-linking strategies for Biomaterials research.”</td>
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**Тopic of lecture will be to present an update of cross linked strategies for the biomaterials assessments in bone regeneration by combining new technologies.”**

**LM SERVO 5 E**

**Подобrena безопасност и хигиена при стерилизация!**
**Lecture**

"Vertical and horizontal ridge augmentation"

The author, after a brief excursion of reconstructive bone surgeries to manage the rehabilitation of the atrophic jaws, illustrates the reasons that have led him to focus and develop specific surgical choices. Will be present the GBR technique with reabsorbable and non-reabsorbable membranes.

1st level Medical Director at the School of Maxillo Facial Surgery of the S. Camillo Hospital, Rome. Graduated in Medicine & Surgery from the University of Rome in 1988, Roberto Pistilli has run Maxillo Facial University Clinic at the S. Camillo Hospital from 1989-1994.

**Lecture**

"Short implants as an alternative to bone augmentation in the posterior atrophic mandible"

The aim of this lecture is to compare and evaluate the outcomes of short implants (up to 4 mm) placed in the posterior atrophic mandible, with implants of standard lengths placed in augmented bone.

Dr Pietro Felice graduated in Dentistry and subsequently in Medicine at the University of Bologna. He completed his research doctorate in Dermatological, Maxillofacial and Plastic Reconstructive Sciences. He is currently Professor of Dental Sciences at Bologna University.

**Lecture**

"Does Bone graft remains the Gold standard?"

Alternative procedures exist and seem to show better results for long term success - GBR and Segmental Osteotomies will be discussed and CTScans follow up will describe what could be expected 5 to 10 years after implant placement.

30.09.2018

**Guided Bone Regeneration: the reviewed concept**

Nabih Nader is a graduate in dentistry at the Dental School of the Lebanese University. He specialized, in Paris, in Oral Surgery, graduating with an advanced certificate (CES, PARIS VII), and in periodontology, graduating with a University Diploma (DU PARIS VI).

**THE LECTURE**

Placement of endosseous implants in the edentulous atrophic maxilla is often difficult because of a lack of supporting bone. Sinus augmentation procedures (both lateral and crestal) have been extensively used in the maxillary area and showed predictable long-term results. However, today, the clinician should deal with many challenging clinical situations in the premolar area as well as the esthetic anterior zone and should offer his patients long-term predictable implant rehabilitation. Therefore, a careful pre-operative assessment of numerous clinical and radiological parameters is needed to assess the proper bone reconstruction technique. Numerous innovative technical variations will be discussed including GBR, onlay blocks and Horizontal segmental ostectomy.

Assistant Professor, St. Joseph University, Faculty of dentistry, department of Oral Surgery, Post grad studies in Periodontics, implantology and Oral Surgery at the Universities of Paris. Secretary General and founding member, Lebanese Society of Oral Surgery.
30.09.2018

**CLINICAL DEMONSTRATION**

"GBR techniques in easy steps"

**WORKSHOP**

"Contemporary techniques for cofferdam placement in difficult areas"

Details necessary for proper placement and handling of the cofferdam. The four basic techniques for isolation of single teeth for endodontic treatment, grouping of teeth in a distal segment, frontal segment, isolation needed for the insertion of veneers, isolation in severely damaged teeth.

Doctor Kalin Marinov graduated Medical University of Sofia - Dental Faculty in Sofia, Bulgaria. He is working in RibaginDent private dental practice. Dr. Marinov has been a codemonstrator along with Dr. Ilaylo Ribagin at Sofia Dental Meeting 2009 and 2010 on the topic of “Rubber Dam placement”.
"Имедиатно имплантиране с мекотъканен грат"

Тази лекция ще се фокусира основно върху аспекти на меките тъкани при възстановяване на преддълъжна имплантация. Същността на мекотъканената имплантация и нейното значение са обект на разглеждане.

Нуждата от знания заотечежда до естетичната програма GIDE, където завършва втори път. Бремо дейността на редица научни клубове както в България така и в чужбина УСъвършенстване хирургическите си умения в Център Институт в Швейцария и в специализирани курсове по имплантологичен център. K.S.Inter. Бранч-Сръбска Австрия, Германия и Tantram-Odissi S.R.L. Firenze Италия.

"Практически курс"

Ще научите как се постига добър профилоксимален контакт, какви системи за маркира да използвайте, как да кършите, как да възстановите кон такта, как да постигнем и цветовото съвършенство.

Активен член на Итальянското Общество по ендодонция. Сертифициран член на Европейското Общество по ендодонция. Активен член на Италианското Общество по възстановителна стоматология. Член на групата Bioemulation. Има частна практика в Неапол и Рим, специализирана в естетични възстановявания и ендодонция.

WORKSHOP

"Direct restorations of distal teeth"

You will learn how to achieve good proximal contacts, what matrix systems to use. The occlusal map to restore and how to achieve color perfection.

Active member of the Italian Society of Endodontology. Certificate member of the European Society of Endodontology. Member of the “Commission acceptance active member” SIE 2015-2016. Active member of Italian society of restorative dentistry. Member of “Bio-emulation” group. Private practice in Naples and Rome (Italy specialising in “esthetic adhesive restorations” and “Endodontics”.

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In 1981 he graduated Medical University in Sofia, Dental Medicine. He is the chairman of the management board of Bulgarian Dental Society. In 2002, he wins the prize Dentist of the Year and the prize St. Apollonia. Graduated a lot of workshops and specializations in the country and abroad.
"Indirect posterior restorations - Fixation of Cad/Cam restoration - the different protocol.

The course aims to introduce the CEREC system, Sirona, into the clinical protocol. During this practical course the participants will be trained in correct preparation techniques according to the requirements and the protocol of the system.

Since 2009 is a lecturer at the Department of Prosthetic Dentistry, Sofia, and in 2013 gained a degree in Prosthetic dentistry. From 2014 is a general practitioner at Danube Private University, Austria, where she specializes and teaches in the field of Aesthetic Dentistry and Implantology. From 2015 leads the CEREC training at the university and he is certified as a lecturer in CAD/CAM technology at the Digital Dental Academy, Berlin.

During dental manipulations in ambulatory conditions some of the main vital functions of the organism can be disturbed. The most common reasons are allergic shock, aspiration of a foreign body and collapse of the peripheral blood vessels. The proper behavior of the dental team will be discussed as well as the necessary equipment and medicines that we should have.

At the moment he is a director of the Anesthesiology and Emergency Department of the Sheynovo Hospital in Sofia. Participates as a speaker in national and international scientific events every year.
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"Plasma-therm technique for preparation of barrier membrane and bone-graft replacing material"

Aim: Testing of the usefulness on the new optimized, heating system (with and without using of microwave and ultrasound) for producing of fully autologous material - barrier membrane and replacing bone-graft material was the main objective in our study. It is new approach in the preparation of autologous material.

Material and Methods: In this study, we developed optimized protocol and technique (using heating, microwave and ultrasound) for producing of new Plasma-Therm material which can be used as barrier membrane and bone-graft replacing material during the dental surgeries. The biodegradability of a new material was microscopically examined and compared with the control - not processed PRF in vitro by treatment with plasmin at 37°C and in vivo by subcutaneous implantation on the dorsal side in 14 Wistar rats. The accelerated degradation in vitro test of all 4 membranes was conducted with inserting of the membranes in Dulbecco’s Phosphate-Buffered Saline supplemented with human plasmin and incubated in a CO2 incubator. The cell adhesion testing and the scanning electron microscopic examination was also conducted. The processed samples were examined with a scanning electron microscope. The releasing level of two growth factors was also measured and compared using ELISA quantification at 10 experimental times: 30 minutes, 1 hour, 4 hours, 24 hours (day 1), 72 hours (day 3), 120 hours (day 5), 168 hours (day 7), 240 hours (day 10), 312 hours (day 13) and 384 hours (day 16).

Results: The Plasma-Therm material showed reduced rate of biodegradation in comparison with the PRF membrane without sacrificing its biocompatibility and appeared plasmin-resistant and stable for 20 days in vitro and it functioned as excellent scaffolding material for periodontal cells in vitro. In animal implantation studies, this material was observed at least for 35 days post implantation in vivo while the control PRF was completely resorbed within 10 days. Plasma-Therm membrane showed a significant and slower release of grow factors-until day 10 (240 h). During the last 5 days of the experiment, this membrane continued to release significant amounts of these molecules. On contrary, the PRF, showed much lower level of release and much shorter time of activity for both type of grow factors.

Conclusion: These findings suggest that Plasma-Therm materials possess longer rate of bio-degradation without sacrificing its bio-compatibility and this material could easily be prepared friendly from a clinical perspective and widely applied and used as a barrier membrane and/or for replacing bone graft materials in the GTR treatment and in other types of oral surgeries (periodontal plastic treatments, filling of different types of bone defects, sinus lifting procedures etc.) Future in vivo and in vitro tests with additional clinical testing is necessary to reveal the releasing level of the growth factors along with the bone-inducing properties in different clinical scenarios for this new type of material.
Perfect planning delivers optimal results. Anterior all ceramic fixed dental prostheses are made out of Zirconium dioxide and all posterior fixed dental prostheses are made out of Zirconium dioxide and Porcelain. The new 1980s ‘no bond’ technique is highly invasive due to an almost no invasive preparation on the palatal enamel surface. Beginning in the 1980s it was normally to bond two wings on both teeth next to the missing one, nowadays we know that because of the movement of teeth during mastication that one wing often gets loose. This is the reason why one wing should be resin bonded to fix the dental prosthesis. In order to get a satisfactory aesthetic result a preoperative planning and preparation is absolutely necessary. A quick and simple check by the dentist after the CAD construction and a correct bonding protocol are necessary. There are long term results that show that the anterior resin bonded all-ceramic fixed dental prostheses are an optimal alternative for a single implant or normal fixed dental prostheses where teeth get a fully covered crown preparation.

"Cast cobalt semiprecision attachments - resin bonded - a new method to fix partial removable dentures"

Classically partial removable dentures are fixed by cast bar clasp over natural abutment teeth. Long term results show very good survival rates for this method in order to replace lost teeth, to rebuild an individual functional occlusion and to protect natural teeth. Because of the fact that clasps are unsightly and don’t look very nice when the patient smiles there are a lot of other types of connecting retainers to fix a removable partial denture such as telescopic crowns, best known as the german crowns and precision attachments. Both telescopic crowns and precision attachments need a fully crowned covered preparation which decreases the prosthetic value of the tooth. The technician costs are high and the production process for the technician and the dentist is difficult. The survival rates are less compared to partial removable dentures fixed by cast bar clasps. The worst problem that occurs is the epigingival fracture of the screw. An alternative that holds the connecting retainer Main problems are decementation of the prosthesis crown or endodontic treatments due to irritations of the pulp after the fully crown preparation. A new method to fix removable partial dentures is to resin bond a cast cobalt semiprecision attachment on the palatal enamel surface of teeth, the preparation is almost noninvasive. The connecting retainer and the cast cobalt semiprecision attachment will be now a direct retainer for the prosthesis crown with the female connector of the removable denture. The aim of a prospective clinical trial organized by the Medical University of Kiel, Germany, Prof. Dr. M. Kern, is to show the efficiency of this method. The technician costs are less although the preparation on the palatal enamel surface is required to be done by the dentist. The laser will burnish the base of the connector after the steps of the manufacturing process beginning with the preprosthetic planning, the preparation, the impression technique, all the quality checks and finally the correct bonding protocol.
ORAL PRESENTATION - 6

"Дигитален работен процес за минимално инвазивно имплантантно-протетично възстановяване"

The ongoing digital revolution is changing the world that we live in, and dental offices are no exception. The transition from analog to digital dentistry is happening almost on a daily basis. Standard procedures are being updated, new materials, methods and technologies are being introduced. Dental treatments that we provide to our patients are becoming easier to perform, less time consuming, more affordable and more predictable. This coincides with modern patient’s expectations of a dental treatment that is painless, comfortable, fast, with as little negative impacts as possible on their daily quality of life, yet with functionally and aesthetically flawless results. In the presentation the authors will show the steps of a minimally invasive digitally assisted surgical and prosthetic rehabilitation protocol they are using, involving flapless computer guided implant placement and model-free CAD/CAM prosthetic restoration.
**Oral presentation - 5**

"Assessment of antibacterial and chelating properties of chitosan-citrate 0.6%"

**Aim:** The aim of this in vitro study was to assess the antibacterial and chelating effectiveness of chitosan-citrate 0.6% as an irritant.

**Materials and Methods:** A total of forty extracted single-rooted human teeth were allocated: Group I (n=10) - colony-forming units (CFU) counted for E. faecalis after irrigation with chitosan-citrate 0.6% and Group II (n=10) - scanning electron microscopy (SEM) observed for elimination E. faecalis biofilm with chitosan-citrate 0.6%. Group III (n=5) - irrigation with classical protocol (NaOCl 2.0%, EDTA 15%, distilled water) and root-canal obturation with AH Plus (Dentsply, Maillefer, Switzerland), Group IV (n=5) - irrigation with modified protocol (NaOCl 2.0%, chitosan-citrate 0.6%, distilled water) and root-canal obturation with AH Plus (Dentsply, Maillefer, Switzerland). All teeth obturated with sealer were separated longitudinally, half of teeth from each group was scanning electron microscopy (SEM) observed, the other half from each group was examined using light microscope.

**Results:** The assessment of Group I showed significant reduction of E. faecalis (CFU/mL). The analysis of SEM in Group II illustrated dentin walls with no bacterial biofilm or with minimum bacterial biofilm. All teeth irrigated with modified protocol included chitosan citrate solution showed SEM less apical microleakage (Mean in Group IV and VI - 7.94 µm and 4.33 µm) than these irrigated with conventional protocol (Mean in Group III and V - 12.51 µm and 11.96 µm). There is no presence of statistically significant difference (p < 0.05) between teeth obturated with AH Plus (Dentsply, Maillefer, Switzerland) and TotalFill BC (FKG Dentaire SA, Switzerland).

**Conclusion:** Chitosan-citrate 0.6% showed high antibacterial and chelating activity.
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"Plasma-therm technique for preparation of barrier membrane and bone-graft replacing material"

Aim: The root canal filling is the final procedure of endodontic treatment. Many types of root canal sealers have been commercially available and clinically used. However, almost all of these sealers have considerable problems with properties such as tissue irritation. Endodontic filling materials are placed directly onto the vital tissues. The tissue response to these materials is of great importance because it may influence the outcome of the endodontic treatment. One of the requirements of an ideal root canal sealer is that it should be nonirritating to the periradicular tissues and compatible with the living connective tissues. Bioceramic-based root canal sealers are considered to be an advantageous technology in endodontics. Several studies were evaluated covering different properties of bioceramic-based sealers including physical properties, biocompatibility, sealing ability, adhesion, solubility, and antibacterial efficacy. Bioceramic-based sealers were found to be biocompatible and comparable to other commercial sealers. We have developed new type of bioactive Hydroxy Apatite-based bioceramic which is capable for emitting of high performance FAR-Infrared Ray Irradiation. These type of infrared rays have very complex and highly beneficial effects on the human body tissues like activating on few key mechanisms for angiogenesis (e.g. activating of eNOS). The objective of our study was to compare the biocompatibility and healing ability of newly developed bioceramic with average particle size of 3.5 obtained with heat stabilization at temperature >1,200 °C (Group A) to another type of commercially available zinc oxide-eugenol-based sealer (Group B) and to estimate the participation of these sealers in the periapical wound healing.
Methods: White male Wistar rats, 7 months old, were used in this study. There were four groups of three animals each for an experimental period of 1, 2, and 4 weeks. Ethylene vinyl acetate tubes, 6 mm in length with an inner diameter of 2 mm, were washed with propanol and distilled water and autoclaved before being filled with the sealers. The animals were anesthetized. The back of the animal was shaved and disinfected with 5% iodine in ethanol. Incisions were made in the dorsum, and four subcutaneous pockets were carefully prepared by blunt dissection. The base of the pocket was more than 10 mm from the limbus of the incision. A tube containing freshly mixed sealer was then placed into each pocket. Empty ethylene vinyl acetate tubes were used as control. Finally, the incisions were closed with surgical gut sutures. At the end of each period (1, 2 and 4 weeks), the animals were sacrificed. The tubes were removed along with the surrounding tissue and immersed in 10% buffered formalin. After fixing for 48 hours, the tissue was processed for paraffin embedding. The sections were stained with hematoxylin and eosin. The tissue responses were graded as being mild, moderate, and severe according to the criteria suggested by Olsson, Östervik and Mjör. Results. One week after implanting the sealer, the group B showed a severe inflammatory reaction with the accumulation of macrophages, lymphocytes, and foreign body giant cells. In addition, a no/slight inflammatory reaction was observed in the group A at 1 week. In both groups, the intensity of the tissue responses diminished at 2 weeks. Fibroblasts, collagen fibers with few inflammatory cells, and fibrous capsules were observed at 8 weeks only in the Group A. The Group A showed less inflammation than the other group in all the experimental periods.

Conclusions: These findings suggest that F1R bioceramic have potential for using of endodontic sealer showed promising bioactive properties. Further research to improve the properties of this new biomaterial could prove them to be highly promising in the endodontic dental area.

KAMEN KOTSILKOV, HRISTINA GEORGIJEVA-KOTSILKOVA, RADOI DIMITROV
KAMEN КОСИЦКОВ, ХРИСТИНА ГЕОРГИЕВА-КОСИЦКОВА, РАДОЙ ДИМИТРОВ

Poster presentation - 2

"MULTIDISCIPLINARY APPROACH IN THE TREATMENT OF PERIODONTALY COMPROMISED "HOPELESS" TOOTH"

INTRODUCTION: Periodontitis is a disease characterized by progressive loss of attachment due to host response induced by the microorganisms inhabiting the dental biofilm. In cases with advanced loss of periodontal structures pathological tooth migration, mobility and recession can occur. The common approaches of the periodontal therapy do not lead to predictable outcome in such severe cases, making the prognosis of these teeth "hopeless". However, the interdisciplinary treatment approach, combining methods from different dental disciplines can lead to successful functional and esthetic result and save those severely compromised teeth.

AIM: To review treatment workflow in patient with periodontaly compromised tooth.

RESULT: Three years post-surgery excellent soft tissue healing with preservation of the soft tissue volume was observed with radiographic data for new bone formation in the intrabony component. The orthodontic treatment and cosmetic bonding achieved good esthetic result.

CONCLUSION: Confining within the limits of the presented case, it can be concluded that the combination from different dental disciplines could have predictable results in similar cases providing long term functional and esthetic rehabilitation of the teeth classified as hopeless.
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"Periodontal diseases in patients with Hashimoto's thyroiditis"

The goal of our examination was to establish the factors that influence on the clinical changes on the periodontal tissues in patients with chronic autoimmune Hashimoto's thyroiditis in order to prevent periodontal disease.

Research Methodology: For realization of the goals, 96 patients took part in the investigation. The participants were divided in 2 groups, examined group of 53 patients with Hashimoto's thyroiditis and control group of 43 patients without any common diseases. Survey questionnaires were filed for each patient and the indexes of gingival inflammation and bleeding, Ramfords index were determined. Laboratory examinations were also done for all patients and the titer of antibodies a-Tg and A-TPO was determined.

We derived the following conclusions: The patients with Hashimoto's thyroiditis have shown higher degree of periodontal destruction lower index of gingival bleeding and inflammation compared to the control group.

"Evaluation of efficiency of PRF in the treatment of infrabony defects"

Aim: The present study aimed to investigate the effectiveness of PRF in the treatment of infrabony defects in patients with chronic periodontitis by evaluating the clinical and radiological outcome through periodontal depth, clinical attachment level, tooth mobility and conditions of the bone loss at the baseline, 6 and 9 months post-operatively.
Material and Methods: Sixty infraorbital defects with probing depth ≥5 mm were treated. The inclusion criterion was the necessity for surgical-bilateral maxillary treatment. By using split-mouth study design, each patient, had one site treated with conventional flap surgery and the other site with conventional flap surgery and PRF. Clinical parameters such as plaque index (PI), gingival inflammation index (GI), probing depth (PD), tooth mobility (TM), were recorded in both groups at baseline, 6 and 9 months post operatively. Infraorbital defects were radiologically calculated at baseline, 6 and 9 months post operatively.

Results: Positive effects for all clinical and radiographic parameters, were evident in the group with PRF. Mean PD reduction demonstrated statistically significant greater results in the test group (4,00±1,07 mm) compared to the control one (4,68±0,59 mm, P<0,05). Also, 9 months after, the results were better. After the treatment, the results in the test group compared to the control group for CAL (5,60±1,63 mm, 6,20±1,58 mm) and BL (2,72±2,27 mm, 2,54±1,77 mm), but statistically not significant.

Conclusion: Additional use of PRF in the conventional surgical treatment of infraorbital defects demonstrated better clinical and radiographic effectiveness than the open flap debridement alone. However, multicenter randomized, controlled clinical trials will be required to prove PRF’s clinical and radiographical effects over bone regeneration on the long run.

Poster presentation - 5

"Maxillary response after facial orthopedic treatment in Class III patients in early and late mixed dentition" 

Skeletal Class III maxillary and mandibular alveolar base discrepancies have shifted to a maxillary protraction therapy. The aim of this study is to investigate the skeletal effects after Face mask orthopedic treatment in Class III Patients in early and late mixed dentition. Pretreatment and post treatment cephalometric radiographs from 28 patients(15 males and 13 females) who had skeletal Class III malocclusion with an anterior cross bite and a component of maxillary deficiency were analyzed. The subjects were divided in two groups: early mixed dentition (from 6 to 9 years) and late mixed dentition (10 to 13 years). Both patients were treated with a lower Delaire mask (protraction mask) and RME when there was transversal maxillary deficiency. Results from these study showed forward displacement of maxilla(SNA p<0,05),increasing of maxillary length(Co-A p<0,05) correction of maxillary-mandibular relationship(ANB p <0,05) and soft tissue changes resulting in a more convex profile. Skeletal response of the protraction treatment in upper jaw was highly significant in younger patients (6-9 years), while a smaller effect of treatment was obtained in older patients (9-12 years). This findings indicate that forward movement of maxilla can be obtained after Face mask therapy and better period for facial orthopedics is early mixed dentition rather than late mixed dentition. Based on our findings we can conclude that even though, the management of Class III malocclusion remains one of the most challenging problems in the clinical practice today, the results from this study support maxillary protraction, for the correction of Class III malocclusion with deficient maxillary growth which is very important in the teenage period of life for building self-confidence and normal socializing in the community.
Background: Maxillary resection causes serious functional disorders, which usually are treated with various prosthetic devices.

Aim: The clinical case is presented, involving a methodology for making a closed obturator, which provides optimal sealing and also mastication and speech restoration of a patient with maxillary resection.

Materials and methods: The patient prosthetic treatment in case after upper jaw resection and total dentulism is presented. The preliminary impressions were taken with an irreversible hydrocolloid print, while the definitive impression required usage of additive silicone. A closed obturator of heat-cured acrylic resin with a low amount of residual monomer was laboratory made.

Results: The applied treatment method ensured a stable barrier between the oral and nasal cavities. As a result, the patient nutrition, speech and swallowing of were restored.

Conclusion: The use of specific treatment methods allows optimal recovery of nutrition and speech in patients with maxillary resection.
"Patients’ knowledge dental implants as an option in replacing missing teeth"

Aim: The main aim of this survey was to assess the level and need for information about dental implants among selected sample of dental patients.

Materials and Methods: A total number of 107 subjects were included, no matter what is the reason for their visit. Patients’ knowledge and awareness about dental implants were evaluated with questionnaire in two private dental offices.

Results: The results showed that 62.62% of the subjects knew about dental implants. Internet was the main source for information in 45.79%. 75.70% from the subjects have need for more information about dental implants. High price was the major factor for not choosing implants in 73.83% of the cases.

Conclusion: Results from this survey showed an acceptable level of knowledge and awareness about dental implants. It also showed the need for providing more information to the patients.

Poster presentation - 9

"Immediate versus delayed loading of Dental implants to fresh or healed extraction sockets (Review)"

This study showed that the immediate loading of implants placed in fresh extraction sockets demonstrates good treatment results with regard to implant and prosthetics survival and marginal bone loss.

The second article concerns A Randomized Controlled Clinical Trial where single dental implants are placed on healed sites following Immediate or Delayed Loading.

Location: Germany

131 patients, 65 patients in the immediate group, 66 patients in the delayed group

Failure rate:

9 implants failed of 131 in the immediate group 13.63%.
1 implant failed of 131 in the delayed loading group 1.56%

Mean probing depths after 24 months ranged from 2.37 mm to 2.74 mm for the immediate loading group and 2.20 mm to 2.47 mm for the delayed loading group, with no statistically significant difference between them.
The results indicate that immediate loading of a single implant in the edentulous mandible reveals inferior survival than that of delayed loading and therefore should be considered only in exceptional cases.

The third article evaluates clinical outcomes of implants placed immediately in extraction sites, using a single drilling step for implant site preparation, combined with immediate or delayed loading.

Location: France and Northern Italy
133 patients, 261 implants were inserted in fresh post-extraction sockets.
165 implants were immediately loaded (IL) and 96 underwent delayed loading (DL).
3 IL and 1 DL implant failed in patients. Implant survival was 98.6% and 99%.
Failure rate 1.2% and 1% for IL and DL group respectively.
Bone loss: The mean marginal bone loss after 1 year was -0.48 ± 0.40 mm and -0.52 ± 0.34 mm for IL and DL group respectively.
In this clinical study 99.8% of patients (at 237 implants) adjunctive graft materials were used to fill the gap between the implant and the alveolar socket walls. 3.
Based on the results of all 3 articles no statistically significant differences were found in implant failure rates and peri-implant marginal bone level changes.

Discussion:
A debated question is the timing of loading after implant placement in fresh extraction sites. In the present reviews we found no statistically significant differences in implant failure and complication rate as related to the timing of prosthesis delivery, suggesting that implants inserted immediately in post-extraction sites and achieving a good primary stability can be functionalized immediately, without a major risk of adverse events.
A recent systematic review focused on immediate loading of post-extraction implants in the aesthetic region concluded that the clinical outcome of such implants is excellent, being implant survival equal to 97.6% after 1 year of function. 4 However, from the analysis of comparative studies survival of such implants resulted inferior to that of implants placed in healed sites (95.6% versus 99.4%). 4 This review, which included 7 randomized studies and 35 case series accounting for 1170 patients with mean follow-up ranging between 12 and 65 months, reported that no failure of immediately loaded post extraction implants occurred later than 1 year of function. 4 In another review, immediate loading of immediately placed implants was found to be related to higher failure rate as compared with delayed implants, especially when implants with minimally rough surface were used. 4 A recent clinical study assessed the reliability of immediate implantation in post-extraction socket and immediate loading protocols in the edentulous jaws, based on 591 implants inserted in 80 patients with at least 4 years of follow-up. 6 According to a multivariate Cox regression analysis, the highest risk of failure was associated with implants immediately placed and immediately loaded in the maxilla (89.4% survival rate), while those placed in the mandible showed an excellent survival rate (98.6%). 6 In that study no difference was found as related to the position in the jaw (anterior versus posterior regions) and other variables like bone quality, insertion torque, implant design (cylindrical versus conical), while analyzing the reason for extraction, it emerged that implants inserted in the socket of teeth affected by endo-periodontal lesions had worse outcomes than those replacing teeth extracted due to caries or periodontal disease. 6

Conclusions: Immediate placement of implants into fresh extraction sockets has been extensively reported in the dental literature, but only a limited number of studies have evaluated the outcomes of immediate restoration of these implants. Within the limitation of needing additional high-quality evidence, immediate and delayed loading of dental implants both demonstrated an acceptable short- to medium-term survival rate. Immediate loading seems more acceptable because of the time benefit.
In conclusion, the excellent outcomes of any clinical study could be attributed to the proper surgical technique adopted, to the skillfulness of the surgeons involved, to the careful and appropriate pre-surgical planning, to the adequate level of oral hygiene and motivation of the patients, to the validity of the implant system, of the special bur and the materials adopted, or to a combination of the above. The present results are in line with recent clinical studies, indicating that the immediate post-extraction implants, either functionalized immediately or in a delayed mode, represent a predictable solution for the rehabilitation of patients in need of tooth extraction.

SAKELLARIDIS E, GOCOLAS N, SARRI V, PAPANDREOU A, NTOVAS P, ANAGNOSTOU M, PAPAOGLOU E

"На междупозиционния зъбен шницифер с инжеционална технология"
"Изработване на композитни зъбни шницифер с използването на "инжеционална технология" е консервативно лечение за подпомагане на зъб с обсъждащ клинични резултати. Като цяло техниката е с ниска цена, има добър живот, може да бъде лесно изпълнена и е най-ефективна когато са включени много зъби."

SAKELLARIDIS E, GOCOLAS N, SARRI C, PAPANDEREU H, NTOVAS P, ANAGNOSTOU M, PAPAOGLOU E

"Tooth splinting using composite resin injection technique"
Case presentation of tooth splinting with composite resin injection; review of indications and contraindications of the aforementioned technique.

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"Patients' quality of life after nonsurgical endodontic treatment provided by endodontic specialists"

The evaluation of patients' satisfaction has led to the development of specific dental treatment-related patient satisfaction measures, which apply different scaling methods. This study was designed to assess the level of patients' satisfaction with their root canal treatment provided by endodontic specialists.

"A micro-CT investigation of root canal morphology of mandibular incisors"

The final goal of the endodontic treatment is the complete, homogenous, three-dimensional sealing of the root canal system using biocompatible material. The objective of the current study was to investigate the root canal morphology of mandibular incisors using micro-CT.
"The ability of ProTaper Next to induce microcracks: a stereomicroscopic investigation"

Shaping of root canals with endodontic instruments may induce dentinal microcracks which can propagate into vertical root fractures. This study was designed to assess the ability of ProTaper Next nickel-titanium rotary system to induce dentinal radicular microcracks. Thirty-six mandibular incisors were divided into three equal groups (n=12) – negative control, positive control – K-files, PTNext. The shaped canals were sectioned horizontally at 3, 6 and 9 mm, viewed under stereomicroscope and photographed with a digital camera. A total number of 108 slices was obtained. Thirteen defects were discovered – five (38.46%) in PTNext group (four at 3 mm level and 1 – at 6mm) and 8 (61.54%) in K-file group (seven at 3mm level and 1 – at 6mm). All examined teeth were intact at 9 mm level. The control group showed no defects. No complete vertical root fracture was observed. Most microcracks were induced at 3 mm level but PTN instruments performed better.
"Digital clear aligners: important tool for management of adult orthodontic patient"

The esthetic improvement of the smile is among the top reasons for elective dentist consultation. The development of new, digitally designed and manufactured clear aligner systems is starting to change this situation, improving patient-dentist communication via VTO software and thus enabling much more efficient, yet much less invasive adult rehabilitations.

"Immune mediated oral diseases: three cases report and immunofluorescence diagnosis"

Immune mediated oral diseases are rare conditions result of inappropriate production of antibodies by the patient. These autoantibodies are directed against various constituents of the molecular apparatus that hold epithelial cells together or that bind the surface epithelium to the underlying connective tissue. Interaction of these autoantibodies with the host mucosal epithelium causes vesiculobullous lesions that include especially pemphigus vulgaris, mucous membrane pemphigoid, erythema multiforme and lichen planus. These lesions usually presented as the same clinical features such as: vesicles; erosions, desquamation of the gusus and ulcers on any mucosal surface. Here we discussed clinical, histopathological and immunofluorescence features and differential diagnosis of one pemphigus vulgaris, one mucous membrane pemphigoid and one erosive lichen planus cases. These presentation emphasizes the importance of the immunofluorescence evaluation for the differential diagnosis.
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