



The  
AMERICAN  
DENTAL SOCIETY  
of  
EUROPE

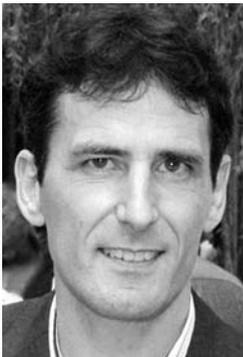
LUGANO, SWITZERLAND  
2009



**DR. MICHAEL WISE**  
*President*



**DR. JULIAN WEBBER**  
*Vice-President*



**DR. ALASTAIR MacDONALD**  
*Honorary Secretary*



**DR. DIMITRIS EMMANOUIL**  
*Honorary Treasurer*

**THE AMERICAN DENTAL  
SOCIETY OF EUROPE**

**ONE HUNDRED AND FIFTEENTH  
MEETING**

to be held at

**GRAND HOTEL VILLA CASTAGNOLA**

**VIALE CASTAGNOLA 31**

**6900 LUGANO**

**SWITZERLAND**

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June 18th - June 20th 2009

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### ***Executive Committee Members***

JAMES DEWE-MATHEWS  
FRANCESCA FAILLA  
MYLES DAKIN

KEVIN ESPLIN  
JACQUES CIEPIELEWSKI  
ILIA ROUSSOU

## REGISTRATION

Pre-registered delegates whether Members, Guests, Essayists, Clinicians or Visitors will be able to collect their tickets, name badges from the Registration desk on Wednesday 17th June from 18.30 – 20.00 or Thursday 18th June from 07.30.

## SOCIAL EVENTS

For those who have not pre-registered, any remaining tickets for the social programme will be available. However there is no guarantee that such tickets will be available or that the original price will still pertain.

## TOURIST INFORMATION

Information is available from the hotel reception desk or from the tourist office

Piazza Indipendenza 4  
6900 Lugano  
Switzerland  
+41 (091) 9110418  
<http://www.lugano-tourism.ch>

## TRANSFERS

**Air:** Lugano has a small airport that serves Geneva, Zurich and Rome (Fiumicino). Milan Malpensa and Zurich are the nearest large international airports. Linate, a smaller airport of Milan, has many European connections and is 80 minutes by road from Lugano.

**Train:** Milan Central is 1.5 hours and Zurich is little over 2 hours by train.

**Bus:** Regular express bus service from Milan and Malpensa airport.

**Car:** Lugano is also very easy to reach by car as it is situated close to the main A2 motorway that links Northern Europe to Milan and the Mediterranean.

Check-in time at hotel: 15.00hr

Check-out: 12.00 noon

## THIS IS YOUR PROGRAMME

## FOR THE MEETING

**SO PLEASE BRING IT WITH YOU**

THURSDAY 18th JUNE 2009

**OPENING CEREMONIES**

07.30 Registration

07.45 First Business Meeting ( Members only )

08.15 Formal Opening

Address by DR. MICHAEL WISE  
President of the American Dental Society of Europe

Address by DR. JOHN FINDLEY  
President of the American Dental Association

## THURSDAY 18th JUNE 2009

09.00-10.30

**DR GALIP GUREL** DDS, MSc.

'Minimal or Non-Invasive Techniques for Porcelain Laminate Veneers'



Dr. Galip Gurel graduated from the University of Istanbul, Dental School in 1981. He continued his education at the University of Kentucky, Department of Prosthodontics and received his MSc degree from Yeditepe University in Istanbul. He is the founder and current president of EDAD (Turkish Academy of Aesthetic Dentistry). He is a member of the American Society for Dental Aesthetics (ASDA) and the honorary diplomate of the American Board of Aesthetic Dentistry (ABAD) as well as an active member and the Vice-President of the European Academy of Esthetic Dentistry (EAED). He is also the editor-in-chief of the Quintessence Magazine in Turkey and on the editorial board of the AACD journal, PPAD (Practical

Procedure & Aesthetic Dentistry), EJED and Spectrum.

He has been lecturing on dental aesthetics all over the world and giving post graduate lectures on aesthetics at the New York University, New York and Yeditepe University in Turkey.

He is the author of "The Science and Art of Porcelain Laminate Veneers" published by Quintessence publications in 2003. He has been practicing in his own clinic in Istanbul, specializing in Aesthetic Dentistry, since 1984.

A renowned sportsman, Dr. Gurel has been the Captain of the Turkish National Team of Water Polo 110 times, a World Champion of the Camel Trophy and a participant of the Paris-Dakar Rally.

A beautiful smile seems to reflect a certain style of living, and the enhancement of facial beauty is one of the primary goals of patients seeking elective dental care. The lower one-third of the face has a major impact on the perception of facial aesthetics, and the role of a beautiful smile design not only changes the smile alone but also the overall facial appearance as well.

Once the ideal relationship between the restoration and the facial soft tissues is achieved, improvements in natural beauty can be expected to follow. With the ever-increasing importance that the media, patients and general society place on appearance, an even greater emphasis has recently been placed on elective aesthetic dentistry. By improving deficient facial proportion and integumental form, surgeons, orthodontists, and restorative dentists have the unique opportunity to weave these aesthetic needs and the creation of a pleasing smile into the fabric of their comprehensive treatment planning.

Creating the precision in terms of the preparation, fit and the aesthetic final outcome needs serious treatment planning which is different for each case... Designing a new smile consists of many steps which are so very important and if followed right, produce predictable success.

At this point I would also like to emphasize the importance of minimally-invasive dentistry. This is only possible if we can ensure that proper tooth position in the arch is established, eliminating the need for any soft or hard tissue removal. This brings to mind the importance of the interdisciplinary team (in contrast to multidisciplinary). The major difference between an interdisciplinary versus a multidisciplinary approach is that with an interdisciplinary approach, treatment planning is accomplished in a group setting with all treatment team members present. All treatment planning and treatment challenges can be discussed in a collaborative environment with team members complementing and supporting the efforts of each other. A multidisciplinary approach only represents that each discipline or area of dentistry is involved in one aspect of the treatment without necessarily working together in a unified manner.

After that stage, in order to achieve a very precise and predictable tooth preparation, wax-up, silicon indexes and related techniques such as APR (Aesthetic Pre Recontouring), APT (Aesthetic Pre-evaluative Temporaries) and preparation through the APTs are extremely crucial. This eliminates all the possible mistakes and destruction of the depth cutters that could have been done if the tooth was to be prepared without realizing the aging affects on the enamel (volumetric enamel loss) or their inappropriate teeth positions on the dental arch....

**Learning Objectives:**

1. Interdisciplinary Aesthetic Treatment Planning.
2. When to use Restorative Tools or Orthodontics or Perio or a combination of these three.
3. Minimal Invasive Tooth Preparation Techniques.
4. Maximum and predictable communication between specialists.

## THURSDAY 18th JUNE 2009

11.00-12.15

**MR. HENRI THUAU** MD, DDS, FDS RCS(Eng), FRCS(Max.Fac)

‘Facial Reconstructive Surgery’



Mr. Thuau is a consultant Oral & Maxillofacial Surgeon at the Chelsea Westminster Hospital (Craniofacial Unit) – London. He obtained a Master certificate in Biochemistry (1981), and a Diploma in Oral Surgery/Pathology (1984 - Gold medal) in Paris V and VII Universities, after completing his studies in Dental Surgery (1975-1980) and Doctorate in Medicine (1984-1990). He obtained the Certificate of Completion of Specialist Training in Oral & Maxillofacial Surgery (1996 - Gold medal) after Specialist Training at Queen Mary’s University Hospital, Roehampton ( 1994-1996), and the Craniofacial Unit of the University Hospital Zurich, Switzerland (1990-1994). He is currently Secretary General of the European Association for Cranio-Maxillo-Facial Surgery.

Surgical reconstruction of the face has evolved considerably over the past 10 years. The treatment algorithms vary depending on the underlying disease (trauma, infection, tumour and deformity).

A simple step by step methodology will allow the successful management of each individual case. The means to investigate in the three dimensions, the versatility of the surgical techniques, as well as the risks and complications will be discussed.

### **Learning objectives:**

1. Understanding of the fundamentals in facial assessment
2. Awareness of the treatment options in facial reconstruction
3. Use of modern technology in maxillo-facial surgery

## THURSDAY 18th JUNE 2009

12.15-13.30

**DR. JOE OMAR** MBBCH, DA, MRCA

‘Medical Emergencies’



Joe Omar qualified as a doctor from Cairo University in 1977 and returned to the UK to pursue a career in Anaesthesia. He left the NHS in 1984 to establish a private practice in Dental Anaesthesia/Sedation in the Harley Street area; now with 200 referring dentists.

Joe is a Clinical Lecturer in Sedation at the Eastman Dental Institute, UCL. He has lectured on *medical emergencies* to audiences in many parts of the world, including Canada, South Africa and the Seychelles. Joe sits on the ‘Standing Committee for Sedation in Dentistry’ at the RCS and is Council member of the Association of Dental Anaesthetists (ADA).

Over a 40 year career the average dentist is likely to see about 10 medical emergencies; fortunately, the majority of these will be minor and not result in death. However, the very fact that serious emergencies are so rare means that when they do occur one is likely to be caught short in recognizing and managing the problem effectively.

Dr. Joe Omar will present in a lively and interesting way some of the serious medical emergencies you may have to deal with in your practice. He will offer practical and realistic advice on how to diagnose and treat some of these conditions. During his table clinic he will guide you through Cardiopulmonary resuscitation and the use of an Automated Defibrillator.

‘Medical Emergencies’ is one of the ‘core’ subjects that every dentist in the UK is expected to revisit annually. Practice makes perfect!

13.30 – 15.00

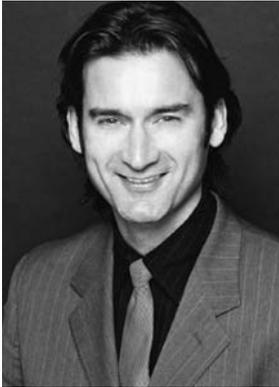
Lunch (Alumni)

## THURSDAY 18th JUNE 2009

15.00-15.45

**DR. SASCHA JOVANOVIC** DDS, MS(UCLA) (*PART I*)

‘Bone Regeneration Using rh-BMP-2 for Implant Placement’



Sascha A. Jovanovic was formally trained in periodontics at UCLA School of Dentistry, in Implant Dentistry at Loma Linda University and in Prosthodontics at University of Aachen, Germany and holds an MSc in Oral Biology from UCLA. He restricts his clinical work to dental implant therapy and bone & soft tissue reconstruction. He is a lecturer at UCLA Continuing Dental Education, a Professor (Hon.) at Univ. of British Columbia, Division of Periodontics and Implants, Vancouver, an Assoc. Prof. (Hon.) at the University of Hong Kong, Department of Oral Surgery and is founder and Academic Chairman of the gIDE Institute. He is the Past-President of the European Association for Osseointegration (EAO) and a past-Board

member of the Osseointegration Foundation (OF). He was the program chair of the EAO 2000 annual scientific congress, recipient of the young investigator fellowship of the American Academy of Periodontology, of the Implantology award of the California Society of Periodontists and of the German Implant Society Research award. He is an honorary member of the South African Society of Periodontology.

Dr. Jovanovic's clinical research emphasises esthetic management in dental implant therapy and bone and soft tissue reconstruction techniques. His applied research focuses on bone regeneration with different bone graft materials, rhBMP-2 and barrier membranes as well as the biology of soft tissues around teeth and implants. He lectures extensively worldwide and has published over 60 articles and book chapters, and one textbook titled *Color Atlas of Implantology* (Thieme Publ.). He is the Editor-in-Chief of the monthly publication 'Implant Tribune', is on several editorial boards for scientific journals and has published a DVD-education series 'Advanced Implant Therapy'.

Successful implant surgery depends on many factors, one of which is appropriate implant site development through ridge and sinus augmentation. Evidence based bone regeneration techniques are available with various success rates and limitations. A new procedure using bone morphogenic proteins was approved by the FDA in 2007.

Historically, BMP's stimulate differentiation of pleuri-potential stem cells into osteoblasts which produce bone de novo. Human genes for BMP's have successfully been cloned utilizing recombinant DNA technology. Recently, because of encouraging pilot studies in the use of rhBMP-2 for sinus bone grafting, augmentation of the alveolus and repair of alveolar clefts, the promise of an ideal material has been realized.

The pros and cons of utilizing BMP for different types of intra-oral applications will be discussed, along with a 1-year review of 30 patient cases.

**OBJECTIVES:**

Upon completion of this presentation, participants should be able to:

1. Describe the state of the art of bone regeneration
2. Identify the properties of recombinant bone morphogenic proteins
3. Apply a new technology to the clinical implant surgery practice.

15.45                      Tea - Trade Show

16.15-17.00            **DR. SASCHA JOVANOVIC** (*PART II*)

\* This presentation will be a live webcast.

19.30                      *DINNER CRUISE ON LAKE LUGANO*

## FRIDAY 19th JUNE 2009

09.00-10.30

**DR. OTTO ZUHR** Dr.Med.Dent.

‘Plastic Periodontal/Implant Surgery’



Dr. Otto Zuhr studied dentistry at the University of Aachen from 1986 until 1992. In 1992 he received his DMD from the Department of Oral and Maxillofacial Surgery in Aachen and started to work as a dentist in Munich. Several educational programs led him to Switzerland, Scandinavia and USA during the following years. From 1999 – 2008 he worked together with Drs. Bolz, Wachtel, and Hürzeler and became an associate member in the Institute of Periodontology and Implantology (IPI) in Munich. In 2009 he founded a new clinic together with Marc Hürzeler.

Otto Zuhr has written several articles in the field of periodontology and aesthetic dentistry and lectures nationally and internationally. In 2001 he received his Specialist in Periodontology of the German Society of Periodontology (DGP). He has been a board member of the German Society of Periodontology (DGP) since 2007.

The need for soft tissue augmentation procedures is increasing as the need for improved esthetic results increases in our patients. There is growing scientific evidence that the application of microsurgical principles can improve treatment outcomes in plastic periodontal and implant surgery. Recently several technical developments and innovations resulted in a renaissance of tunnelling procedures. Beside new instruments and revised suturing techniques, a broader indication spectrum seems to be responsible for this trend. While incision free techniques were originally described for the coverage of gingival recession exclusively they can be used today very successfully for gingival thickening, uncoverage of dental implants and soft tissue ridge augmentation procedures as well. The omission of vertical releasing incisions enables uneventful healing progress and scar free treatment results on a predictable basis. Therefore tunnelling techniques can be a suitable alternative, especially in the esthetic zone. By showing different clinical examples the presentation will focus on different application options of tunnelling procedures in daily clinical practice and give a forecast on possible future trends.

10.30

Coffee - Trade show

## FRIDAY 19th JUNE 2009

11.00-13.00

**DR. ROBERT L. FRAZER, JR.** DDS, FACD, FICD

'Dentists That Get Results...Unleashing the Power of Emotional Intelligence'



Robert L. Frazer, Jr., DDS is a masterful storyteller, an internationally known speaker for over 30 years and a performance coach. Bob has practiced comprehensive dentistry for 35 years. He is the foremost authority on emotional intelligence in dentistry, having published 20 articles and made numerous presentations on E.I. He is founder of the strategic leadership firm, R. L. Frazer & Associates, Inc., whose custom programs help dentists achieve top 5% status in both financial achievement and life balance. He is a 1970 graduate of the University of Texas Dental Branch (received The Master Practitioner Award of UTDB), Past President of The American Academy of Dental Practice Administration and The Bob Barkley Foundation, a member of The National

Speakers Association, the Dawson Academy and Pankey Institute Alumni Associations. He is also a Fellow of The American & International Colleges of Dentists. Personally, Bob has been married for 42 years and has two grown sons, plus two beautiful granddaughters.

Increase your personal power and influence through elevated emotional intelligence (E.I.). This conclusion is well-supported by research on 2,800 star performers showing that 75% of a high achiever's success comes from emotional intelligence, while only 25% comes from technical competency. Emotional Intelligence is our capacity for recognizing our own feelings and those of others, for motivating ourselves, for managing emotions well in ourselves and our relationships. During this fast paced, entertaining yet thought-provoking session, attendees will learn how to elevate critical E.I. competencies for enhanced relationships, empowered leadership and influence. This intriguing program will explore the importance of E.I., its application to all the important roles in our life including personal relationships, staff development, marketing, complete case acceptance and even profitability. Every major purchase decision is first an emotional decision backed up by enough logic to justify it to yourself and others. Unlike I.Q., E.Q., your emotional quotient, can be raised.

### **Following this presentation, attendees should be able to:**

1. Understand Emotional Intelligence and its importance to success in life and practice.
2. Grasp the E.I. leadership secrets that research shows consistently get positive results.
3. Employ E.I. competencies to resolve conflicts in a positive manner.
4. Begin a self-directed learning plan to raise their Emotional Quotient (EQ).

\*Harold Hillenbrand Memorial Lecture

13.00-14.30

Lunch(ACD)

## FRIDAY 19th JUNE 2009

14.30-16.30      **TABLE CLINICS**

**DR. RISHI PATEL**    BDS, MS

‘The Application of rh-BMP 2 in Maxillary Sinus Augmentation’

Dr. Patel graduated from the University of Bristol Dental School in June of 2002. Following a year in general practice, he completed Senior House Officer posts in Oral and Maxillofacial Surgery at St. George’s Hospital in London and the University of Birmingham Children’s Hospital. During this period he completed the MFDS examination for the Royal College of Surgeons of England. After this, he undertook his graduate Prosthodontic training at Loma Linda University School of Dentistry in California. He is presently completing a one year Surgical Fellowship in Implant Dentistry at Loma Linda. He was supported through his graduate training by a scholarship from the American Dental Society of London.

**DR. KONSTANTINA DINA DEDI**    DipDS, MS, FACP

‘Aesthetic and Immediate Tooth Replacement: Myths and Facts’

Dina qualified from the University of Athens, Greece, School of Dentistry in 1994 and then moved to the U.S.A. for several years of full-time postgraduate training. She was awarded the American Specialization Degree in Prosthodontics in 1997 and the Master of Science in Oral Biology in 1999 from the University of Missouri, Kansas City, as well as a degree in Maxillofacial Prosthetics and Dental Oncology in 1998 from the University of Texas, Houston. Prior to her current academic position at UCL Eastman Dental Institute, she held the appointment of Clinical Assistant Professor in Prosthodontics, at the University of North Carolina School of Dentistry in U.S.A. She became a “Diplomate” of the American Board of Prosthodontics in 2002 and has been elected a Fellow of the International Team of Oral Implantology (ITI) and the American College of Prosthodontics.

Dina practices in central London with an emphasis on aesthetic dentistry, fixed and removable prosthodontics and dental implants.

**DR. JAMES E. CROUT MD**

‘Unusual Features of Sjögren’s Syndrome for the Dentist’

Dr. James Crout is a graduate of the Baylor College of Medicine and completed postdoctoral internship in internal medicine at the University of Iowa and residency in internal medicine and fellowship in rheumatology at the Mayo Graduate School of Medicine. He is a fellow of both the American College of Medicine and the American College of Rheumatology. Dr. Crout has been a consultant and chairman of the department of rheumatology at the Austin Diagnostic Clinic since 1977. He has been a Clinical Assistant Professor of Medicine at the University of Texas Medical Branch and taught in the residency program at the University Brackenridge Hospital program more than 30 years. He has published numerous articles in medical literature in the field of rheumatology and been an investigator in more than 80 clinical research studies.

**DR. JOE OMAR MBBCh, DA, MRCA**

‘Medical Emergencies’

**DR. OTTO ZUHR Dr.Med.Dent.**

‘Plastic Periodontal/Implant Surgery’

19.00-20.00      *RECEPTION AT VILLA CASTAGNOLA*

## SATURDAY 20th JUNE 2009

09.30 - 11.00

**PROF. Dr. Dent. PAUL LAMBRECHTS**

‘Clinical Long Term Performance of Nanotechnology Composites’



Prof. Paul Lambrechts was born in 1955. He followed the Latin-Greek humanity studies, St. Jan Bergmans College, Diest. He graduated as a dentist in 1978 at the Catholic University of Leuven, Belgium and obtained his PhD at the same university, based on a thesis studying composite resin materials: “Basic properties of dental composites and their impact on clinical performance”. He is a Full-Professor and Dentist-Department-Head at the Department of Operative Dentistry and Dental Materials, Catholic University of Leuven and he is also Program Director of the dental permanent teaching committee. He teaches cariology, oral aspects of nutrition and endodontics. 2/10 of his time he teaches preclinical and clinical conservative dentistry. 4/10 of his

time is spent at clinical activity in aesthetic restorative dentistry and endodontics. 4/10, research in dental materials and biomaterials, with specific interest in dental composites, dentin adhesives, porcelain veneers and inlays including Cad/Cam systems. He is actually focussing on 3D-laserprofiling of clinical wear phenomena and biotribocorrosion. He developed a concept of minimal invasive endodontic research in new root canal preparation and filling techniques with 3D-Xray-Micro-CT-scanning, Cone beam CT and Environmental SEM. The (PAD) Photodynamic Laser Activated Disinfection techniques is one of the new research challenges of his group. He is author or co-author of numerous publications together with their BIOMAT research cluster and he gives scientific and post academic courses all over the world.

The fillers used in dental composites are either amorphous silica, quartz, ground glass based on barium, strontium, or other silicates, or zirconium-silica fillers produced by a sol-gel process. The future in filler technology probably lies in the expanded use of modified sol-gel processing of particles for composites with excellent radiopacity and abrasion resistance. 3M-ESPE for example generates nanomers (single nanoparticles) by applying one monolayer coating of silane in the sol stage. The water is then removed. The key feature of the dried powder is that it can be redispersed in to single particles when mixed into organic resin. With the nanoclusters not the silane coating but the removal of the water is the first step. This results in agglomerated particles that become calcined and slightly sintered. The agglomerates are then ground down to an average size of 1.4µm and finally also silanized. The ability to produce particles of even smaller than current sizes would be a great advantage, because it would allow manufacturers to produce higher levels of filler loading through more efficient packing. Nanotechnology in itself is a booming science in research and industry. To maximize loading and performance the nanofillers can be agglomerated in pellets or

complexes, condensed, clustered or embedded in prepolymerized resin blocks. These ultra small particles like nanofillers are primarily responsible for special clinical features like, low wear, low friction, smooth surfaces with a high surface gloss.

A long-term in-vivo posterior study was set up. 6, 12, 24, 36, 48 and 60 months interim wear observations are made (3D-Pro Laser scanning, SEM, USPHS scoring) of a nanotechnology composite-resin, Filtek-Supreme (3M-ESPE) and a monomodal compact filled composite-resin, Z100 (3M-ESPE) versus human enamel. 18 Filtek-Supreme and 18 Z100 restorations placed in upper or lower molars (split mouth model). BA: Single bond Adhesive (3M-ESPE). Baseline, 6m, 12m, 24m, 36m, 48m, 60m replicas are made in gypsum for 3D-Pro laserscanning (Willytec, Munich), to measure composite volumetric loss, composite and enamel vertical loss at occlusal contact areas (OCA). Araldite epoxy replicas are used for SEM analysis (Philips, XL20). At recall assessment was done using USPHS evaluation criteria for posterior restorations.

After five years of clinical service the polish of Z100 was significantly worse than Filtek-Supreme. For marginal adaptation several of the Z100 restorations and of the Filtek-Supreme restoration were scored "Bravo". SEM confirmed the 3D-Laserscan and USPHS findings. The clinical wear performance of Filtek-Supreme and Z100 after 60 months is comparable to the one of human enamel. The nanofilled composite can be considered as an acceptable universal and posterior restorative material. This long term follow-up shows that the materials are also fatigue resistant. The conditioning step and the bonding agent seem to play a crucial role in the maintenance of the marginal integrity.

Learning objectives.

1. Understand the 3D filler matrix protection theory of nanoparticle composites.
2. Understand the Bio-tribo-corrosion concept.
3. Understand 3D wear evaluation concepts, volumetric wear and vertical wear

11.00

Coffee - Trade Show

## SATURDAY 20th JUNE 2009

11.30-13.00

**DR. JULIAN WEBBER** BDS, MS, DGDP, FICD

‘Management of Endodontic Failure’



After qualifying from Birmingham Dental School, UK in 1974, Dr. Webber obtained his MS from University Dental School, Chicago, Illinois, USA and returned to the UK in 1978.

Dr. Webber has held teaching positions both at Guys Hospital and Eastman Dental Schools in London whilst maintaining a practice limited to Endodontics in central London since 1978. In October 2002, he opened the Harley Street Centre for Endodontics, a purpose built state of the art clinical teaching facility.

Dr. Webber devotes much time to teaching and writing having contributed to numerous journals and textbooks on Endodontics and extensively lectured around the world. He is a former President of the British Endodontic Society, a member of the American Association Endodontists, European Society of Endodontology, a member of both the American Dental Societies of London (Past President) and Europe (current Vice President), a member of the Pierre Fauchard Academy and a Fellow of the International College of Dentists. He is a faculty member of the Pacific Endodontic Research Foundation in San Diego, California, USA where he has perfected and taught techniques on Microscope, Conventional and Surgical Endodontics. Dr Webber is a visiting Professor at the University of Belgrade, Serbia and Montenegro. Dr. Webber's lectures and courses on all aspects of **Clinical Endodontics** including many **Hands On and Workshops** on the use of rotary NiTi and three dimensional obturation techniques are very much in demand. In 1998, he became Editor in Chief of **Endodontic Practice** journal, a clinical endodontic journal.

Endodontic success rates vary considerably around the world from about 50 – 90%.

These figures suggest that many endodontic treatments are failing. The management of endodontic failure is one of the biggest challenges in modern dentistry as many teeth are unnecessarily extracted and replaced with implants.

Failure to address all the canal anatomy and failure to eliminate as much as possible intra- canal infection are the primary causes of endodontic failure. These goals are difficult enough to achieve when treating cases initially but even more problematic as part of the retreatment procedure.

New scientific information along with technological advancements has expanded to a considerable extent the scope and potential of non surgical endodontic retreatment, enhancing predictability in the management of failures. Endodontic retreatment is time consuming and complex but can also be rewarding both clinically and financially.

This lecture will look at ways to address these issues and ensure predictable successful outcomes with tooth retention as the primary goal.

Whilst the future of endodontics lies in the management of endodontic failure, the relentless advance of implant dentistry has significantly reduced the impact of endodontic retreatment as a distinct and successful treatment modality. Many practitioners would rather extract a tooth that would otherwise benefit from endodontic retreatment. The primary goal should surely be tooth retention and functionality not tooth loss. Most patients would rather save a tooth than lose it, given the chance. If general practitioners do not feel confident in tackling difficult and complex endodontic retreatment cases then they should consider referral to a competent endodontic specialist. This multimedia lecture will include topics that are within the scope of general practitioners and others that are not. It is up to the individual to decide accordingly which case can be tackled and which ones to refer.

Topics to be addressed are as follows:

The anatomical and biological understanding of success and failure

The role of illumination and magnification in the retreatment procedure.

Crown / bridge and post disassembly procedures.

The use of ultrasonics and retrieval devices to:

Remove Posts - Locate missing canals - Remove broken instruments - Remove silver points

Eliminating pastes, gutta percha and carrier based devices

Re establishing patency

Perforation repair and the role of MTA in general practice

13.00                      END OF SCIENTIFIC PROGRAMME

13.00                      FINAL BUSINESS MEETING AND LUNCH (Members only)

19.30 for 20.00        *BANQUET at Il Ciani*  
(Black Tie/Tuxedo)

***CURRENT AMERICAN DENTAL SOCIETY OF  
EUROPE SCHOLARS***

<b>NAME</b>		<b>SCHOOL</b>	<b>COURSE</b>	<b>COMPLETION</b>
Derek DUGGAN	IRE	North Carolina	Endodontics	June 2008
Eoin MULLANE	IRE	Michigan	Endodontics	June 2008
Paul CASHMAN	IRE	Iowa	Prosthodontics	June 2009
Ronan ALLEN	IRE	North Carolina	Periodontics	June 2009

## ***SOCIAL EVENTS***

### **WEDNESDAY 17th JUNE**

Golf competition

### **THURSDAY 18th JUNE**

*09.15 - 18.00 DAY TOUR - ISOLA MADRE, ISOLA BELLA,  
WINE TASTING CELLAR DELEA*

We will take a hydrofoil ride on Lake Maggiore to the beautiful Italian islands of Isola Madre and Isola Bella. We will visit the monumental Baroque palace and the majestic and scenic gardens which have made Isola Madre famous and bear witness to the splendours of an era. Lunch will be arranged on Isola Belle at the Ristorante Elvezia, managed for five generations by the Marcacci Rossi Zanzi family. We will return via Locarno, Switzerland to sample the delights of wine cellar Delea. The company Angelo Delea was founded in 1983, inspired by the 'Bordeaux' wine-making Carati (barriuges) made of excellent French oak-wood from Allier and Nevers.

*19:30 - 22:30 DINNER CRUISE ON LAKE LUGANO*

Experience the delights of an evening cruise on the lake from Lugano to Gandria, Campione d'Italia, Melide and Morcote while enjoying a three course dinner with wine and fine company.

### **FRIDAY 19th JUNE**

*09.15 - 16.30 DAY TOUR - CHURCH MADONNA DEL SASSO AND CARDADA  
MOUNTAINS*

We will take a bus to Locarno, in Switzerland's Italian-speaking canton of Ticino, on the northern shore of Lake Maggiore, which it shares with Italy. From the town, a funicular leads up to the hillside commune of Orselina and a pilgrimage church, the Santuario della Madonna del Sasso. Then a scenic trip by aerial cablecar to the mountain resort of Cardada at 1340 meters above sea level. From Cardada, you can then walk a few minutes to the Cimetta chairlift, which will carry you to a viewing point at an elevation of 1670 meters. A short walk (15 mins) to Capanna Lo Stallone for lunch.

Follow the gentle hiking path down to the Cardada cablecar station (30 mins). Along the way, you'll pass something that you don't often see in Switzerland: a herd of Scottish Highland Cattle. Descend to Orselina to catch the bus back to Lugano. The impressive and unforgettable scenery will make this trip an experience to cherish.

*19:00 - 20:00      CIVIC RECEPTION*

Cocktail party in the gardens of the Hotel Villa Castagnola. All delegates welcome.

## **SATURDAY 20th JUNE**

*09.30 – 13.00      GUIDED TOUR OF LUGANO TOWN CENTRE*

A walk through the centre of Lugano admiring buildings, churches, statues and squares all contributing to embellish the town. This interesting walk offers visitors a traditional and cultural aspect that permits the discovery of the city.

*19.30 for 20.00      OFFICIAL BANQUET - IL CIANI*

This historical building dates back to the 19th century. The peculiarity of its pyramid-shaped skylight in glass and metal and the decoration of the round arches and beautiful wooden floor make it a unique venue. The special evening's entertainment features opera singer Ana-Maria Rincon accompanied by Harry the Piano. Nobel Biocare have generously helped sponsor the entertainment for the banquet.

ON BEHALF OF THE SOCIETY

THE EXECUTIVE COMMITTEE

WISHES TO THANK

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FOR PRINTING THE PRELIMINARY PROGRAMME

AND FINAL PROGRAMME FOR US

AND

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FOLDERS ONCE AGAIN

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Products: In-Depth Focus



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# American Dental

news and specialties from the dental world **SPECIAL**

## Ultrasonic technology combined with resorbable implants

### Sonic Weld Rx® – The revolution in osteosynthesis

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Thanks to the completely novel welding technique, the bioabsorbable material penetrates deeply into the bone structure to provide a level of primary stability never seen before. In preprosthetic augmentation, this system can be used for resorbable membrane fixation (Guided Bone Regeneration), appositions (onlay grafts) procedures based on the innovative shell technique (split grafts).

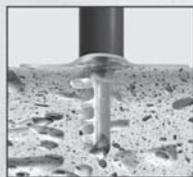
#### Membrane fixation and Guided Bone Regeneration (GBR)

Resorbable membranes currently represent the state of the art in membrane fixation and Guided Bone Regeneration. In these procedures, the space intended for generating

new bone must be securely protected by a membrane. Pure PDLLA membranes offer reliably high, three-dimensional original strength while their biodegradability is guaranteed at the same time. Thus, rapidly growing connective tissue cells are safely shielded off from the slower-growing bone cells.

#### Shell technique acc. to Dr. Iglhaut

A completely novel approach must be seen in the "shell" technique invented by Dr. Iglhaut. It makes conscious use of the rigidity of PDLLA mem-



The sonotrode's ultrasonic vibrations cause the SonicPin to melt on the surface and glide into the predrilled hole



Amorphous PDLLA membrane and SonicPins Rx

Laterally supported immediate implantation of the 1,0-mm PDLLA membrane



Complete 3D volume reconstruction

branes for building lateral volume. The required SonicPins Rx are prefixed and the membrane is then welded in place. Particulate autogenous bone and bone substitute materials are used for the augmentate. Crestal close-off against the alveolar ridge is achieved with diffusion-open collagen membranes. These

membranes offer the best soft tissue tolerance and counteract potential dehiscences. The "shell" technique not only avoids time-consuming dissection by bone splitting, but also eliminates the resorption risk associated with the transplantation of small bone blocks. ■



Shell technique acc. to Dr. Iglhaut

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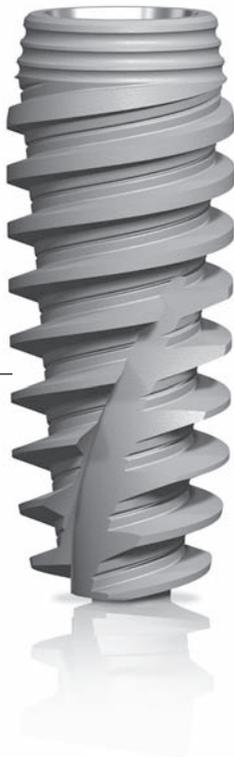
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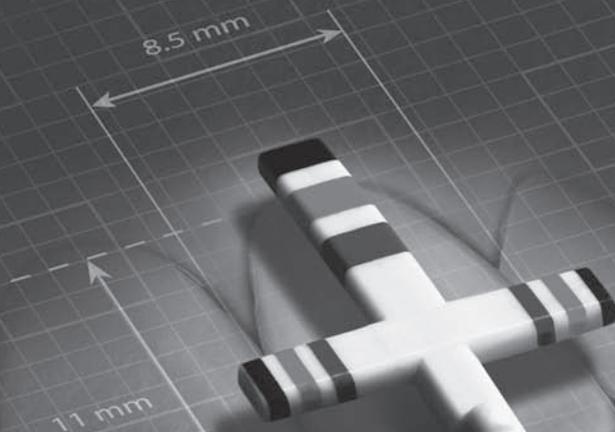
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## *Quick Guide*

<b>DAY</b>	<b>TIME</b>		
WEDS 17		Golf Competition	
THURS 18	07.30	REGISTRATION	
	07.45	FIRST BUSINESS MEETING	MEMBERS ONLY
	08.15	FORMAL OPENING	EVERYONE
	09.00-10.30	Dr. Galip GUREL	Minimal or Non-Invasive Techniques for Porcelain Laminate Veneers
	10.30	<i>Coffee</i>	
	11.00-12.15	Mr. Henri THUAU	Facial Reconstructive Surgery
	12.15 -13.30	Dr. Joe OMAR	Medical Emergencies
	13.30-15.00	<i>Lunch (Alumni)</i>	
	15.00-15.45	Dr. Sascha JOVANOVIC (Part I)	Bone Regeneration Using rh-BMP-2 for Implant Placement
	15.45	<i>Tea</i>	
	16.15-17-00	Dr. Sascha JOVANOVIC (Part II)	
	19.30	<i>Dinner Cruise on Lake Lugano</i>	
FRI 19	09.00-10.30	Dr. Otto ZUHR	Plastic Periodontal/Implant Surgery
	10.30	<i>Coffee</i>	
	11.00-13.00	Dr. Bob FRAZER	Dentists That Get Results – Unleashing the Power of Emotional Intelligence
	13.00-14.30	<i>Lunch (ACD)</i>	
	14.30-16.30	Table Clinics	
	19.00-20.00	<i>Reception at Villa Castagnola</i>	
SAT 20	09.30-11.00	Professor Paul LAMBRECHTS	Clinical Long-term Performance of Nanotechnology Composites
	11.00	<i>Coffee</i>	
	11.30-13.00	Dr. Julian WEBBER	Management of Endodontic Failure
	13.00	<i>End of Scientific Programme</i>	
	13.00	FINAL BUSINESS MEETING	MEMBERS ONLY
	19.30	Banquet at Il Ciani	



## **NEXT MEETING**

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