INTERNATIONAL SYMPOSIUM

OSTEOLOGY MONACO

MAY 2–4, 2013

PROGRAMME
ENGLISH

DECISION MAKING WITH ORAL TISSUE REGENERATION

www.osteology-monaco.org
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**Scientific Committee**
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Niklaus P. Lang, Switzerland
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**IMPORTANT DATES**
- **October 15, 2012**  Opening registration
- **December 15, 2012**  Deadline submitting abstracts
- **January 31, 2013**  Deadline early registration

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</table>
THREE INSPIRING AND INTENSE DAYS DEDICATED TO ORAL TISSUE REGENERATION

Decisions play a major role in our everyday practice. To extract or to retain? To implant early or late? To prevent or to compensate bone resorption?

Everything focuses on decision making
Every patient and every situation is different. And yet, in practice, it is important to find criteria that help with decisions: study data, expert opinions, correct estimation of one’s own abilities. Therefore we have made the topic “Decision making with oral tissue regeneration” the central theme of the forthcoming International Osteology Symposium. Over 60 experts will share their knowledge and expertise with us in Monaco.

The “Jewel of the Mediterranean” is the ideal conference location
This will be the second time as we all gather in the Mediterranean metropolis for an Osteology Symposium. Monaco is especially well known for its annual Formula 1 race, casino and glamorous lifestyle. But with the crystal Grimaldi Forum and the famous Salle des Etoiles, the city is also an ideal venue for unforgettable congresses.

Theory is linked to practice
For three whole days we will delve intensively into the current status of knowledge and research in oral tissue regeneration. Aside from the lectures, we wish to animate all participants via interactive sessions to contribute experiences and stimulate discussion. And of course numerous practical workshops will offer the unique opportunity of trying out the newly discussed techniques and materials.

We are celebrating 10 years of the Osteology Foundation
The Osteology Foundation was established 10 years ago. Since then, in numerous projects and activities, it has breathed life into its goal “Linking Science with Practice in Regeneration” – for example through advanced training of over 20,000 dentists at symposia and funding of more than 40 research projects. We want to glance back over 10 years of Osteology and celebrate the goals attained together with you.

We are pleased to meet you at our International Symposium and our birthday celebration – welcome to Monaco!
Following its motto "Linking Science with Practice in Regeneration", the Osteology Foundation aims to bridge the gaps between scientific progress and clinical practice as well as between academic and industrial researchers in the field of oral tissue regeneration. Accordingly, Osteology funds research and organises national and international symposia. To enhance the quality of dental research, the foundation gives an annual in-depth course on clinical and pre-clinical research and publishes a research guideline book. The Osteology Foundation Board comprising internationally acknowledged experts in the field of oral tissue regeneration guides all projects and activities.

**Foundation**
Osteology was established in 2003 by Dr. Peter Geistlich and a group of internationally acclaimed experts in the field of periodontology and oral surgery.

**Education for practitioners**
Up to today, Osteology has educated more than 20'000 practitioners in national and international symposia on the subject of oral tissue regeneration.

**Research funding**
Osteology spends around CHF 500'000 each year for funding of scientific studies in the field of regenerative dentistry and dental tissue engineering.

**Best practice for researchers**
Every year, Osteology organises a one-week intensive course on research methodology. In addition, the foundation publishes the book "Osteology Guidelines for Oral & Maxillofacial Regeneration" together with Quintessenz.

**Foundation Board Members**
Christoph Hämmerle, Switzerland (President)
Maurício Araújo, Brazil
Daniel Buser, Switzerland
William V. Giannobile, USA
Niklaus P. Lang, Switzerland
Friedrich W. Neukam, Germany
Myron Nevins, USA
Mariano Sanz, Spain
Massimo Simion, Italy
Wilfried Wagner, Germany
Georg Watzek, Austria
Paul Note, Switzerland
Monaco – an exceptional destination for an unforgettable event
Monaco is situated on the most beautiful coast in Europe, built on a rock between the Alps and the Mediterranean Sea. Its mild climate, ease of access, excellent hotels and security are the principal qualities which make Monaco a prestigious destination for an unforgettable event.
www.visitmonaco.com

Grimaldi Forum – a flagship facing the sea
The Grimaldi Forum is located in the heart of Monaco, close to the sea and a short walk from the hotels and the famous Casino Square. This exceptional venue offers high-level facilities and a unique Mediterranean atmosphere. The outstanding architecture of the Grimaldi Forum, with its crystal-like glass and steel structure, has won several awards. This location is an inspiring place for scientific exchange and it ideally matches the high standard of previous Osteology Symposia.
www.grimaldiforum.com
## SYMPOSIUM OVERVIEW

### THURSDAY, MAY 2, 2013

<table>
<thead>
<tr>
<th>Time</th>
<th>Pre-Symposium</th>
<th>Clinical Forum 1</th>
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<td>5 Osteology Workshops (4 practical / 1 theoretical)</td>
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<td>20.00</td>
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### SATURDAY, MAY 4, 2013

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### Video transmission

The auditorium for Clinical Forum 1 is limited to 1'800 seats and the auditorium for Clinical Forum 2 is limited to 800 seats. If registrations for the symposium on Friday and Saturday exceed these numbers, a video transmission will be provided in another room at the Grimaldi Forum.

Please be aware that the admittance to both auditoria will be handled on a first come, first served basis.

There will not be a price reduction for participants attending the video transmission.
## PRE-SYMPOSIUM OVERVIEW

<table>
<thead>
<tr>
<th>Time</th>
<th>Osteology</th>
<th>Gold Partners</th>
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<td>Practice</td>
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## OSTEOLGY POSTER PRESENTATION

### Objectives
Researchers and clinicians within the field of regenerative dentistry and dental tissue engineering are invited to submit poster abstracts of original investigation for consideration in the Osteology poster presentation.

### Abstract submission
Abstract submissions will be accepted up to December 15, 2012. Abstracts must be submitted online at www.osteology-monaco.org.

### Abstract evaluation
An international poster abstract committee will evaluate the abstracts submitted and decide upon their selection. The applicants will be notified of acceptance or rejection via e-mail by February 8, 2013. All poster abstracts accepted will be published in the Osteology abstract book and the posters will be presented in the congress exhibition hall.

### Osteology Research Forum
The authors of the six best poster abstracts in each of the two categories (basic and clinical research) will be invited by March 4, 2013 to hold an oral presentation in the Osteology Research Forum on Friday, May 3, 2013.

### Osteology Research Prize
A scientific committee will evaluate the oral presentations. On Saturday, May 4, 2013, the two best presentations in each of the two categories will be awarded the Osteology Research Prize.

- € 1’000 1st prize (basic and clinical research)
- € 500 2nd prize (basic and clinical research)

### Poster presentation
The exhibition of the posters will be open on Friday and Saturday during the symposium. To enhance the scientific exchange, all poster authors are asked to be available during coffee and lunch breaks. Further information on the poster presentation is available on the congress website www.osteology-monaco.org.
<table>
<thead>
<tr>
<th>1</th>
<th>OSTEOLGY</th>
<th>PRACTICAL HANDS-ON WORKSHOP ON PIG JAW</th>
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<tbody>
<tr>
<td><strong>09.00 – 12.30</strong></td>
<td><strong>Soft tissue management – surgical techniques using established and innovative materials</strong></td>
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<tr>
<td><strong>Daniel Thoma, Switzerland</strong></td>
<td><strong>Theoretical background:</strong></td>
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<tr>
<td><strong>Christian Ramel, Switzerland</strong></td>
<td>- Objectives, necessity, indications for soft tissue augmentation (keratinised tissue, soft tissue volume, socket seal)</td>
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<tr>
<td><strong>€ 300</strong></td>
<td>- Presentation and discussion of current techniques using autogenous tissue</td>
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<tr>
<td><strong>30 participants max.</strong></td>
<td>- Techniques using innovative materials</td>
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<tr>
<td><strong>English</strong></td>
<td>- Outlook on current research and further applications using collagen-based materials</td>
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<tr>
<td><strong>Hands-on part – techniques presented:</strong></td>
<td>- Complications during and after surgery and management of complications</td>
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<td>- Increase in soft tissue volume (using an autogenous connective tissue graft)</td>
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<td>- Increase in keratinised tissue (using collagen-based materials)</td>
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<td>- Socket seal (using both an autogenous graft and collagen-based materials)</td>
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<td>- Step-by-step procedures will be demonstrated for all three techniques</td>
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<th>2</th>
<th>OSTEOLGY</th>
<th>PRACTICAL HANDS-ON WORKSHOP ON PIG’S MANDIBLE</th>
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<tr>
<td><strong>09.00 – 12.30</strong></td>
<td><strong>Soft tissue management – surgical techniques and flap design</strong></td>
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<tr>
<td><strong>Emilio Mascheri, Italy</strong></td>
<td><strong>Theoretical background:</strong></td>
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<tr>
<td><strong>Mario Beretta, Italy</strong></td>
<td>- Flap design, elevation and suturing procedures</td>
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<tr>
<td><strong>€ 300</strong></td>
<td>- Specific surgical techniques, such as connective tissue grafting, guided bone regeneration concepts and biomaterial application. The scientific background of the concepts presented is from the most recent data in the literature.</td>
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<tr>
<td><strong>30 participants max.</strong></td>
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<tr>
<td><strong>English</strong></td>
<td><strong>Hands-on part – techniques presented:</strong></td>
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<td>- Flap design in periodontal plastic surgery and guided bone regeneration procedures, connective tissue graft harvesting techniques, biomaterial application in soft and hard tissue defects</td>
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<th>OSTEOLGY</th>
<th>PRACTICAL HANDS-ON WORKSHOP ON PLASTIC MODEL</th>
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<tr>
<td><strong>14.00 – 17.30</strong></td>
<td><strong>Evidence-based treatment concepts for peri-implant diseases</strong></td>
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<tr>
<td><strong>Giovanni Salvi, Switzerland</strong></td>
<td><strong>Theoretical background:</strong></td>
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<td><strong>Lisa Heitz-Mayfield, Australia</strong></td>
<td>- Aetiology and pathogenesis of peri-implant disease</td>
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<td><strong>€ 300</strong></td>
<td>- Diagnosis of peri-implant mucositis and peri-implantitis</td>
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<tr>
<td><strong>30 participants max.</strong></td>
<td>- Identification of patients at risk for peri-implant disease</td>
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<tr>
<td><strong>English</strong></td>
<td>- Treatment concepts for peri-implant mucositis</td>
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<tr>
<td><strong>Hands-on part – techniques presented:</strong></td>
<td>- Anti-infective non-surgical, surgical and regenerative treatment protocols for peri-implantitis</td>
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<td></td>
<td>- Prevention of peri-implant disease - maintenance care protocols for patients with implants</td>
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<tr>
<td></td>
<td>- Non-surgical instrumentation</td>
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<tr>
<td></td>
<td>- Surgical access for implant surface decontamination</td>
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<tr>
<td></td>
<td>- Regenerative techniques for treatment of peri-implantitis</td>
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</tr>
</tbody>
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<table>
<thead>
<tr>
<th><strong>OSTEOLOGY</strong></th>
<th><strong>WORKSHOP PRATIQUE SUR MODÈLE RÉSINE</strong></th>
<th><strong>F</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>4</strong></td>
<td><strong>09.00 – 12.30</strong></td>
<td><strong>F</strong></td>
</tr>
<tr>
<td>Pierre Marin, France</td>
<td>Régénération des tissus durs et des tissus mous dans les zones postérieures du maxillaire</td>
<td><strong>F</strong></td>
</tr>
<tr>
<td>Philippe Colin, France</td>
<td>Les raisons qui justifient les reconstructions postérieures du maxillaire supérieur en situation pré-implantaire sont nombreuses. L'optimisation de la position spatiale des implants est déterminante afin d'améliorer leur taux de survie à long terme dans ce site à forte contrainte occlusale.</td>
<td><strong>F</strong></td>
</tr>
<tr>
<td>€ 300</td>
<td>Ce workshop a pour objet d'examiner les reconstructions pendant lesquelles un sinus-lift a été complété par une augmentation osseuse horizontale et/ou verticale.</td>
<td><strong>F</strong></td>
</tr>
<tr>
<td>30 participants max. Français</td>
<td>Première partie théorique : les indications, contraintes chirurgicales, résultats et complications.</td>
<td><strong>F</strong></td>
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<tr>
<td></td>
<td>Deuxième partie : Application sur modèles en résine des techniques chirurgicales sur tissus durs. Accès au site à l’aide des instruments piezo-ultra-soniques ; Utilisation de biomatériaux et membranes.</td>
<td><strong>F</strong></td>
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<tr>
<td></td>
<td>Supports :</td>
<td><strong>F</strong></td>
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<tr>
<td></td>
<td>Classification et analyse de la littérature</td>
<td><strong>F</strong></td>
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<td></td>
<td>Incisions sur site receveur</td>
<td><strong>F</strong></td>
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<td></td>
<td>Apport des ultra-sons</td>
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<td></td>
<td>Utilisation sélective de l’os autogène et des biomatériaux</td>
<td><strong>F</strong></td>
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<tr>
<td></td>
<td>Technique de recouvrement muqueux et suture</td>
<td><strong>F</strong></td>
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<tr>
<td></td>
<td>Gestion des complications</td>
<td><strong>F</strong></td>
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</tbody>
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<tr>
<th><strong>OSTEOLOGY</strong></th>
<th><strong>WORKSHOP PRATIQUE SUR MODÈLES MÂCHOIRES ANIMALES</strong></th>
<th><strong>F</strong></th>
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</thead>
<tbody>
<tr>
<td><strong>5</strong></td>
<td><strong>14.00 – 17.30</strong></td>
<td><strong>F</strong></td>
</tr>
<tr>
<td>Oliver Hanisch, France</td>
<td>Fermeture d’alvéole/gain de tissu kératinisé et recouvrement de récession – tour d’horizon des techniques chirurgicales actuelles</td>
<td><strong>F</strong></td>
</tr>
<tr>
<td>Franck Hagège, France</td>
<td>L’extraction d’une dent naturelle entraîne une perte de volume tissulaire au niveau de la crête alvéolaire. Par conséquent, la hauteur de la restauration prothétique supra implantaire ou conventionnelle devient plus importante et compromet le résultat esthétique, notamment dans le secteur maxillaire antérieur. Des études pré-cliniques et cliniques récentes ont validé de nouvelles approches thérapeutiques permettant de réduire le phénomène de résorption crestale.</td>
<td><strong>F</strong></td>
</tr>
<tr>
<td>€ 300</td>
<td>La première partie de ce workshop a pour objectif de présenter, à travers différentes indications, les directives pour réaliser des traitements prévisibles minimisant la perte du volume des tissus durs et mous, et de les appliquer ensuite sur mâchoires animales.</td>
<td><strong>F</strong></td>
</tr>
<tr>
<td>30 participants max. Français</td>
<td>La deuxième partie traitera des bases fondamentales du “recouvrement radiculaire” avec application pratique sur mâchoires animales et utilisation de matrice collagénique dans les récessions unitaires et multiples.</td>
<td><strong>F</strong></td>
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</table>
### OSTEOLOGY WORKSHOPS

**Thursday, May 2, 2013**

<table>
<thead>
<tr>
<th>6</th>
<th>OSTEOLOGY</th>
<th>PRAKTISCHER WORKSHOP AM SCHWEINEKIEFER</th>
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<tbody>
<tr>
<td>09.00–12.30</td>
<td>Prävention, Diagnose und Therapie periimplantärer Erkrankungen – grundsätzliche Überlegungen und klinische Konzepte</td>
<td>€ 300 30 Teilnehmer max. Deutsch</td>
<td></td>
</tr>
<tr>
<td>Otto Zuhr, Deutschland</td>
<td>Ziel dieses Workshops ist es, die wissenschaftlichen Grundlagen zur Epidemiologie und Ätiopathogenese periimplantärer Erkrankungen mit den Teilnehmern interaktiv zu erarbeiten.</td>
<td>Deutsch</td>
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<tr>
<td>Theoretischer Inhalt:</td>
<td>Anhand von Fallbeispielen und Videodemonstrationen sollen deren klinische Relevanz in Bezug auf Prävention, Diagnostik und Therapie periimplantärer Erkrankungen verdeutlicht und in praxistaugliche Konzepte überführt werden.</td>
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<tr>
<td>Praktische Lernziele:</td>
<td>Im praktischen Teil soll die Umsetzung möglicher Therapieansätze in die Praxis geübt und erleichtert werden:</td>
<td></td>
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<tr>
<td>■ Es werden unterschiedliche chirurgische Techniken zur Erzielung ausreichend befestigter und keratinisierter Mukosa um Implantate erlernt und geübt.</td>
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<tr>
<td>Ostology Foundation</td>
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<tr>
<th>7</th>
<th>OSTEOLOGY</th>
<th>PRAKTISCHER WORKSHOP AM SCHWEINEKIEFER</th>
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<tbody>
<tr>
<td>14.00–17.30</td>
<td>Indikationsbezogene Anwendung verschiedener Lappen- und Nahttechniken im Rahmen hart- und weichgewebiger Augmentationen</td>
<td>€ 300 30 Teilnehmer max. Deutsch</td>
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</tr>
<tr>
<td>Frank Schwarz, Deutschland</td>
<td>Der Erfolg augmentativer Verfahren in der oralen Implantologie wird massgeblich von einer ungestörten primären Wundheilung beeinflusst. Hierbei müssen insbesondere die Schnittführung, das Lappendesign und der korrekte Nahtverschluss als kritische Faktoren beachtet werden.</td>
<td>Deutsch</td>
<td></td>
</tr>
<tr>
<td>Dieser theoretische und praktische Workshop vermittelt dem Teilnehmer die relevanten Lappen- und Nahttechniken für die nachfolgenden ein- und zweizeitigen augmentativen Verfahren:</td>
<td>Dieser theoretische und praktische Workshop vermittelt dem Teilnehmer die relevanten Lappen- und Nahttechniken für die nachfolgenden ein- und zweizeitigen augmentativen Verfahren:</td>
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<td>■ Mehrwandler horizontaler Dehiszenzdefekt</td>
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<tr>
<td>■ Einwandler horizontaler Defekt</td>
<td>■ Einwandler horizontaler Defekt</td>
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<tr>
<td>■ Periimplantitis Defekt</td>
<td>■ Periimplantitis Defekt</td>
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<td>■ Weichgewebsdefekte</td>
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<td>Ostology Foundation</td>
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<td>Time</td>
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<tr>
<td>09.00</td>
<td>THEORETICAL WORKSHOP</td>
<td><strong>Experimental evaluation of biomaterials</strong> - topic of the Osteology Research Academy</td>
<td></td>
</tr>
</tbody>
</table>
|       |                                               | **Fundamental histological techniques** 09.00–10.30  
- **Objectives:**
  - Give an overview of histological and histomorphometrical techniques
  - Understand the fundamentals of the processing of tissues containing biomaterials
  - Select appropriate analytical techniques to answer specific research questions
- **Learnings:**
  - Many different histological techniques are available for biomaterial research
  - Evaluation of a biomaterial requires selection of appropriate histological techniques
  - One single histological technique cannot answer all research questions
|       |                                               | **Basic in vitro testing** 11.00–12.30  
- **Objectives:**
  - To review current in vitro methods for biomaterial testing in dentistry
  - To highlight in vitro methods for biocompatibility and biofunctionality testing
- **Learnings:**
  - In vitro assays cannot reproduce the complexity of an in vivo situation
  - There are international standards for in vitro biocompatibility testing
  - There is a need for standardised in vitro biofunctionality tests
| 14.00 | THEORETICAL WORKSHOP                         | **Selecting models for translational research** - topic of the Osteology Research Guidelines |
|       |                                               | **The right pre-clinical model for horizontal ridge augmentation:** 14.00–15.30  
- **Objectives:**
  - Surgical access to the area of augmentation (extra- versus intra-oral)
  - Type and size of bone defect (acute versus chronic, contained or trans-osseous)
  - Defect localisation (extra-oral bone versus jawbone; ramus versus alveolar ridge)
  - Literature demonstrating the canine model as model for research on bone regeneration
- **Learnings:**
  - Animal models in translational research in dental medicine
  - Advantages and disadvantages of the canine model for horizontal ridge augmentation
  - Methods for histological processing and endpoint measurements
  - Thoughts on statistical analysis
|       |                                               | **How to select the right pre-clinical model for vertical augmentation** 16.00–17.30  
- **Objectives:**
  - Selection criteria of appropriate pre-clinical models for vertical ridge augmentation
  - Outlining the pros and cons of these models regarding parameters to be assessed
  - Development of a research protocol according to the endpoints tested
  - Difference between shapes of defects that can be created
  - The adequate sample size, the duration of a study, healing time-points and budget
- **Learnings:**
  - Planning of pre-clinical research in every detail in vertical bone regeneration
  - Understanding the current literature available and recognising the pros and cons
  - Defining study endpoints and planning the research accordingly
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Geistlich Bio-Oss Pen®
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Get more information: www.geistlich-pharma.com
### Gold Partner Workshops

**Thursday, May 2, 2013**

<table>
<thead>
<tr>
<th>Workshop Code</th>
<th>Date/Time</th>
<th>Speaker/Country</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>09.00–12.30</td>
<td>Stefan Fickl, Germany</td>
<td>Hard and soft tissue management following tooth extraction&lt;br&gt;<strong>Tooth extraction is followed by major hard and soft tissue alterations potentially interfering with optimum implant placement. Ridge preservation procedures consisting of hard and soft tissue corrections have been postulated to limit these shrinkages following tooth removal. Currently, various techniques and materials are used with the ultimate goal of complete ridge preservation. In this workshop, the topic of extraction-site management will be addressed theoretically and, in the hands-on-part, surgical techniques for ridge preservation will be demonstrated and practised with particular emphasis on soft tissue management.</strong>&lt;br&gt;The following topics will be covered:&lt;br&gt;- Biology of the extraction site&lt;br&gt;- Materials and techniques&lt;br&gt;- Importance of bone and/or soft tissue augmentation&lt;br&gt;- Timing of hard and soft tissue management&lt;br&gt;- Alternative materials for autologous soft tissue grafts</td>
</tr>
<tr>
<td>11</td>
<td>14.00–17.30</td>
<td>Istvan Urban, Hungary</td>
<td>New perspective in vertical and horizontal augmentation with GBR&lt;br&gt;This hands-on workshop will provide insights into the scientific evidence of newly developed ridge augmentation techniques utilising GBR. The theoretical part will review these techniques and the available scientific data. The goal of the hands-on practice is to aid the clinician in learning the details of these techniques and being able to utilise them in clinical practice.&lt;br&gt;The practical and theoretical part will include the following:&lt;br&gt;- Diagnosis and patient selection&lt;br&gt;- Treatment planning&lt;br&gt;- Surgical preparation and surgical steps&lt;br&gt;- Differences between anterior maxillary and mandibular flap design and management&lt;br&gt;- Barrier selection and fixation devices&lt;br&gt;- Flap advancement and suturing techniques&lt;br&gt;- Post-operative protocol</td>
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<tr>
<td>12</td>
<td>14.00–17.30</td>
<td>Bjarni E. Pjetursson, Iceland</td>
<td>Sinus floor elevation – when, how and why&lt;br&gt;The placement of dental implants in the posterior maxilla can often be a difficult task. In many patients, the pre-operative bone height is inadequate for implants of regular length. In these situations, two treatment options, short implants or augmentation of the maxillary sinus, have to be considered.&lt;br&gt;In this theoretical and practical workshop, the available evidence for sinus floor elevation will be evaluated and presented. Clinical guidelines will be presented based on the dental literature. When should short implants be used and when is the osteotome technique the treatment of choice? Is it always necessary to use grafting material or is it enough to elevate the sinus membrane? What are the limitations of the osteotome technique and when must the lateral approach, one- or two-stage, be used?&lt;br&gt;In addition, the participants will have the opportunity to practise sinus grafting in hands-on exercises, to learn the tips and tricks utilised when elevating the sinus floor.</td>
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</table>
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### Soft tissue augmentation for cosmetic and implant dentistry

Soft tissue augmentation is frequently required to address recession defects around natural teeth and implants. This hands-on workshop will review clinical techniques and materials to predictably address root coverage defects and augmentation of thin tissue in conjunction with implant dentistry.

This workshop will start with a theoretical part, followed by a hands-on part on models or pig jaws (decision regarding working material will be communicated on www.osteology-monaco.org).

### Microscopic approach in soft tissue management

**Theory [45 minutes]**

Theoretical introduction to basic and advanced procedures of flap design in aesthetic soft tissue management. Split flap and multi split flap techniques are presented. Suturing techniques using microsutures and the application of micro-loopes are discussed and demonstrated.

**Practice [2½ hours]**

Practical exercises using the rubber dam for micro-suturing techniques. Pig jaws for sub-epithelial connective tissue harvesting. Recession coverage. Tunnelling technique, envelope preparation, papillae flap preparation, split thickness flap preparation with 3-layer technique.

**IMPORTANT REMARK:**
The participants must (mandatory) bring surgical loops to the workshop. Minimal magnification 3.5X, optimal magnification 5.0X.
<table>
<thead>
<tr>
<th><strong>DENTSPLY IMPLANTS</strong></th>
<th><strong>PRACTICAL HANDS-ON WORKSHOP ON PIG’S MAXILLA</strong></th>
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</table>
| **15** | **09.00 – 12.30**  
**Robert Nölken**, Germany | **Immediate hard and soft tissue reconstruction and immediate provisionalisation in the aesthetic zone**  
Hard and/or soft tissue reconstruction in combination with an implant restoration in the anterior zone requires appropriate treatment concepts and specifically designed components for achieving long-lasting high aesthetic results, at the same time providing your patient an appealing temporary restoration at the earliest convenience.  
During this hands-on course, advanced techniques of minimal-invasive hard and soft tissue surgery with concurrent immediate implant placement and immediate provisionalisation using OsseoSpeed™ TX as well as OsseoSpeed™ TX Profile implants will be demonstrated. In a small group, attendees will be able to practice refined grafting procedures, including Pat Allen’s tunnel technique and Anthony Sclar’s roll-flap technique, as well as the placement of this unique type of implant providing optimal tissue support and thus long-term aesthetic results even in sloped ridge situations. | **E** |
| **DENTSPLY IMPLANTS** | **PRACTICAL HANDS-ON WORKSHOP ON PIG’S MANDIBLE** |  |
| **16** | **14.00 – 17.30**  
**Alessandro Ponte**, Italy  
**Eva Duller**, Germany | **Nature’s own: Implant-prosthetic restorations based on autogenous bone reconstruction powered by PRGF**  
Your patient’s own bone is still considered the gold standard for augmentation procedures. With natural osteogenetic capacities and an ideal biocompatibility, autogenous bone grafts ensure optimal bone regeneration with predictable results. Today’s exciting options of growth factors derived from your patient’s own plasma take autogenous bone reconstruction to the next level – allowing for a true holistic treatment approach with significantly enhanced bone regeneration.  
Update your knowledge on the opportunities given by nature for creating a vital osseous foundation, discuss the options for implant-prosthetic restoration of augmented sites and perfect your practical expertise in bone grafting techniques.  
**Theoretical topics:**  
- Autogenous bone grafting – decision making from the surgical and prosthetic perspective  
- Implant-prosthetic options for predictable restoration of grafted sites  
- Indications and limits of PRGF – scientific background and practical application with and without biomaterials  
**Practical hands-on:**  
- Biological concept of autogenous bone grafting: Safer harvesting of retromolar bone blocks with the FRIOS® MicroSaw, refined grafting techniques with block transplants  
- Tunnel technique: The minimal invasive alternative | **E** |
### THEORETICAL WORKSHOP

**Patient-oriented treatment approaches remain the key to success**

Nobel Biocare will focus on pre-treatment evaluation and planning as the key to successful treatment results.

In our workshop, digital diagnostic planning tools, hard and soft tissue protocols and graftless solutions for optimum treatment outcomes will be discussed and concluded by the experts at this meeting.

**After visiting the session, the audience will be able to:**

- Identify, using 3-D and conventional planning tools, anatomically favourable and unfavourable sites for an ideal prosthetic driven implant placement
- Understand how to manage straightforward complex clinical situations for a predictable long-term prognosis
- Analyse specific cases to choose either graftless or bone regeneration treatments
- Understand the different treatment alternatives

<table>
<thead>
<tr>
<th>Time</th>
<th>Session Details</th>
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| 09.00 – 12.30 | Massimo Simion, Italy (Moderator)  
Christina Dahlin, Sweden  
Iñaki Gamborena, Spain  
Sascha Jovanovic, USA  
Werner Zechner, Austria |
|            | € 130 English                                                                    |

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### PRACTICAL HANDS-ON WORKSHOP ON PIG JAWS

**Patient-oriented treatment approaches remain the key to success**

Education and practical training is the key to the clinical success of any implant therapy. The clinical outcome depends on the level of knowledge of and experience with the treatment. Being able to manage hard and soft tissue variables and potential complications improves the treatment confidence.

**After visiting this practical hands-on workshop, the audience will be able to:**

- Identify and practise the techniques of bone grafting for implant placement and ridge augmentation
- Understand procedures and protocols for soft tissue stability and its development of gingival papilla support
- Understand potential complications and how to manage them

<table>
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<tr>
<th>Time</th>
<th>Session Details</th>
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<tbody>
<tr>
<td>14.00 – 17.30</td>
<td>Sascha Jovanovic, USA</td>
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</table>
|            | € 300  
30 participants max.  
English |

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### Gold Partner Workshops

**Thursday, May 2, 2013**

<table>
<thead>
<tr>
<th>Workshop</th>
<th>Description</th>
</tr>
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</table>
| **19. Straumann** | **Practical Hands-on Workshop Using coDiagnostiX Workstations and Plastic Models**
- **09.00 – 12.30**
- Paolo Casentini, Italy
- Stefano Storelli, Italy
- €300
- 30 participants max.
- English
- **Optimising treatment planning for minimally invasive procedures using Straumann guided surgery**
  - The objective of the clinician is to optimise aesthetic and functional results through carefully planned implants and precise surgical steps. The alternatives now available include narrow implants, guided surgery and, when possible, flapless surgery to reduce discomfort and post-op sequelae for the patients. Prosthetically-driven implant planning and placement, more confidence during surgery and less invasive and more patient-friendly procedures are just some of the many advantages resulting from guided surgery. This workshop provides information for the participants on how to integrate cone beam technology and planning software successfully into daily practice. Indications, clinical guidelines and the benefits of guided surgery will be highlighted during the workshop. The lecture will also include information about how the local dental lab can transmit the virtual planning to a surgical guide for fully guided surgical procedures. Step-by-step procedures using the Straumann Guided Surgery Kit will be analysed. The participants will then have the opportunity for hands-on activities for direct experience with all components of the system.

| **20. Straumann** | **Practical Workshop Using Porcine Mandibles**
- **14.00 – 17.30**
- Giovanni Zucchelli, Italy
- €300
- 30 participants max.
- English
- **Reconstructive periodontal plastic surgery in the aesthetic zone**
  - This workshop is designed to enhance and develop your skills in periodontal regenerative surgery. Topics to be covered include: flap design, simplified papilla preservation, application of Enamel Matrix Derivative (Emdogain®), suturing and post-operative care. Focus will obviously be given to surgeries in the aesthetic zone for the treatment of bony defects as well as gingival recession.
The Implant Forum on Thursday afternoon will be held in English with simultaneous translation into French. In January 2013, it will be decided whether simultaneous translation into German and Italian will also be provided. The decision will be announced on www.osteology-monaco.org.

<table>
<thead>
<tr>
<th>MODERATORS</th>
<th>Niklaus P. Lang, Switzerland</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Massimo Simion, Italy</td>
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<tr>
<td>13.00</td>
<td><strong>DENTSPLY IMPLANTS</strong></td>
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<tr>
<td></td>
<td>Alveolar reconstruction in the digital era – digital solutions for innovative CAD/CAM prosthetics in grafted sites</td>
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<td>Lyndon F. Cooper, USA</td>
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<td>13.30</td>
<td><strong>BIOHORIZONS</strong></td>
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<tr>
<td></td>
<td>Connective tissue attachment and soft tissue augmentation: A paradigm shift in dental implant treatment</td>
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<td></td>
<td>Myron Nevins, USA</td>
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<tr>
<td>14.00</td>
<td><strong>GEISTLICH BIOMATERIALS</strong></td>
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<tr>
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<td>Compromised outcomes in perio-implant-prosthetic rehabilitations</td>
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<tr>
<td></td>
<td>Karl-Ludwig Ackermann, Germany</td>
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<tr>
<td>14.30</td>
<td><strong>THOMMEN MEDICAL</strong></td>
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<tr>
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<td>Key success factors for implant restorations in the aesthetic zone</td>
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<td>Ueli Grunder, Switzerland</td>
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<tr>
<td>15.00</td>
<td>Coffee break</td>
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<tr>
<td>15.40</td>
<td><strong>STRAUMANN</strong></td>
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<tr>
<td></td>
<td>Technological improvements to simplify implant and GBR treatment</td>
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<tr>
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<td>Luca Cordaro, Italy</td>
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<tr>
<td>16.10</td>
<td><strong>CAMLOG</strong></td>
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<td>Aesthetics in implantology: surgical and restorative aspects utilising CAMLOG implants</td>
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<tr>
<td></td>
<td>Michael Stimmelmayr, Germany</td>
</tr>
<tr>
<td>16.40</td>
<td><strong>NOBEL BIOCARE</strong></td>
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<td></td>
<td>Aesthetic and soft tissue health around implants – outcomes for long-term predictability</td>
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<tr>
<td></td>
<td>Iñaki Gamborena, Spain</td>
</tr>
<tr>
<td>17.10</td>
<td>End</td>
</tr>
</tbody>
</table>
## OPENING

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
</table>
| 08.45 | Welcome  
Opening and introduction Osteology Foundation / 10th anniversary  
Christoph Hämerle, President |
|       | Introduction scientific programme  
Niklaus P. Lang, Scientific Chairman  
Massimo Simion, Scientific Chairman |
| 09.25 | Keynote Lecture  
From an alveolar process to an edentulous ridge  
Jan Lindhe, Sweden |
| 10.05 | Coffee break |

## CLINICAL FORUM 1

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>10.45</td>
<td><strong>How to keep the periodontally compromised tooth?</strong></td>
</tr>
</tbody>
</table>
|        | **MODERATOR**  
Myron Nevins, USA |
| 10.45  | To maintain or not to maintain?  
Decision making based on risk analysis  
Niklaus P. Lang, Switzerland |
| 11.15  | Intrabony defects and their treatment  
Pierpaolo Cortellini, Italy |
| 11.45  | How to manage furcation problems?  
Maurizio Tonetti, Italy |
| 12.15  | Discussion |
| 12.30  | Lunch |

## CLINICAL FORUM 2

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
</table>
| 10.45  | **Why regenerate the maxillary sinus?**  
**MODERATOR**  
Karl Andreas Schlegel, Germany |
| 10.45  | Risk assessment and treatment planning  
Georg Watzek, Austria |
| 11.15  | How to prevent sinus floor elevation?  
Hadi Antoun, France |
| 11.45  | Complications and compromised situations associated with sinus floor augmentation  
Hideaki Katsuyama, Japan |
| 12.15  | Discussion |
| 12.30  | Lunch |

## OSTEEOLOGY RESEARCH FORUM

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
</table>
| 10.45  | **Presentation of best basic research posters**  
**MODERATOR**  
William V. Giannobile, USA |
| 10.45  | Six poster presentations will be held, each lasting 20 minutes including discussion (speakers and presentation titles will be announced by the end of March 2013 at www.osteology-monaco.org). |
| 12.45  | Lunch |
# CLINICAL FORUM 1

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>13.50–15.45</td>
<td>How to improve soft tissue aesthetics?</td>
<td>Sofia Aroca, France</td>
</tr>
<tr>
<td>13.50</td>
<td>Osteology News</td>
<td></td>
</tr>
<tr>
<td>14.00</td>
<td>The poorly vascularized wound bed – a special challenge in plastic mucosal surgery</td>
<td>Rino Burkhardt, Switzerland</td>
</tr>
<tr>
<td>14.30</td>
<td>Biomaterials for recession coverage</td>
<td>Anton Sculean, Switzerland</td>
</tr>
<tr>
<td>15.00</td>
<td>Surgical techniques to enhance soft tissue aesthetics</td>
<td>Giovanni Zucchelli, Italy</td>
</tr>
<tr>
<td>15.30</td>
<td>Discussion</td>
<td></td>
</tr>
<tr>
<td>15.45</td>
<td>Coffee break</td>
<td></td>
</tr>
<tr>
<td>16.15–18.00</td>
<td>What happens after tooth extraction?</td>
<td>Mauricio Araújo, Brazil</td>
</tr>
<tr>
<td>16.15</td>
<td>Dimensional changes of the alveolar ridge – systematic reviews</td>
<td>Mariano Sanz, Spain</td>
</tr>
<tr>
<td>16.45</td>
<td>Clinical decision making after tooth extraction</td>
<td>Ronald E. Jung, Switzerland</td>
</tr>
<tr>
<td>17.15</td>
<td>Therapeutic options for ridge preservation</td>
<td>Dietmar Weng, Germany</td>
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<tr>
<td>17.45</td>
<td>Discussion</td>
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<tr>
<td>18.00</td>
<td>End</td>
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# CLINICAL FORUM 2

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>13.50–15.45</td>
<td>What are future avenues in oral tissue regeneration?</td>
<td>William V. Giannobile, USA</td>
</tr>
<tr>
<td>13.50</td>
<td>Osteology News</td>
<td></td>
</tr>
<tr>
<td>14.00</td>
<td>The future of biomaterials for GBR</td>
<td>Christer Dahlin, Sweden</td>
</tr>
<tr>
<td>14.30</td>
<td>Is vertical and horizontal augmentation going to be redundant?</td>
<td>Massimo Simion, Italy</td>
</tr>
<tr>
<td>15.00</td>
<td>Future directions in soft tissue regeneration</td>
<td>Christoph Hämmerle, Switzerland</td>
</tr>
<tr>
<td>15.30</td>
<td>Discussion</td>
<td></td>
</tr>
<tr>
<td>15.45</td>
<td>Coffee break</td>
<td></td>
</tr>
<tr>
<td>16.15–18.00</td>
<td>What is the scientific evidence for GBR?</td>
<td>Carlo Maiorana, Italy</td>
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<tr>
<td>16.15</td>
<td>Case presentation using GBR</td>
<td>Istvan Urban, Hungary</td>
</tr>
<tr>
<td>16.25</td>
<td>How was the original concept of GBR modified?</td>
<td>Daniel Buser, Switzerland</td>
</tr>
<tr>
<td>16.55</td>
<td>Relevance of pre-clinical studies for the clinical application</td>
<td>Jürgen Becker, Germany</td>
</tr>
<tr>
<td>17.25</td>
<td>Interactive case presentation supplemented by video/discussion with experts and audience</td>
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<tr>
<td>18.00</td>
<td>End</td>
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</table>

# OSTEONEOLOGY RESEARCH FORUM

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>14.00–16.00</td>
<td>Presentation of best clinical research posters</td>
<td>Frank Schwarz, Germany</td>
</tr>
<tr>
<td>14.00</td>
<td>Six poster presentations will be held, each lasting 20 minutes including discussion (speakers and presentation titles will be announced by the end of March 2013 at <a href="http://www.osteology-monaco.org">www.osteology-monaco.org</a>).</td>
<td></td>
</tr>
<tr>
<td>16.00</td>
<td>Coffee break/End</td>
<td></td>
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</tbody>
</table>
### CLINICAL FORUM 1
**09.00–10.45**  
**What are peri-implant diseases?**

**MODERATOR**  
Massimo Simion, Italy

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker/Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>09.00</td>
<td>How big is the problem, how big was it, how big is it going to be?</td>
<td>Björn Klinge, Sweden</td>
</tr>
<tr>
<td>09.30</td>
<td>The influence of implant surfaces on peri-implantitis</td>
<td>Tord Berglundh, Sweden</td>
</tr>
<tr>
<td>10.00</td>
<td>Diagnosis and monitoring – protocols for the clinic</td>
<td>Andrea Mombelli, Switzerland</td>
</tr>
<tr>
<td>10.30</td>
<td>Discussion</td>
<td></td>
</tr>
<tr>
<td>10.45</td>
<td>Coffee break</td>
<td></td>
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</tbody>
</table>

### CLINICAL FORUM 2
**09.00–10.45**  
**How do you treat the compromised patient?**

**MODERATOR**  
Friedrich W. Neukam, Germany

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker/Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>09.00</td>
<td>The influence of diabetes mellitus on osseous healing</td>
<td>Nikos Donos, UK</td>
</tr>
<tr>
<td>09.30</td>
<td>Bisphosphonates and osteonecrosis of the jaw</td>
<td>Wilfried Wagner, Germany</td>
</tr>
<tr>
<td>10.00</td>
<td>The reconstruction of large bone defects</td>
<td>Jörg Wiltfang, Germany</td>
</tr>
<tr>
<td>10.30</td>
<td>Discussion</td>
<td></td>
</tr>
<tr>
<td>10.45</td>
<td>Coffee break</td>
<td></td>
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</tbody>
</table>
**CLINICAL FORUM 1**

**11.25–13.35**  How to prevent and treat peri-implantitis?

**MODERATOR**  Niklaus P. Lang, Switzerland

- **11.25**  Osteology News
- **11.35**  Peri-implantitis - Prevention is better than cure
  Lisa Heitz-Mayfield, Australia
- **12.05**  How to treat peri-implantitis?
  Giovanni Salvi, Switzerland
- **12.35**  Decontamination of the implant surface
  Frank Schwarz, Germany
- **13.05**  Discussion
- **13.20**  Osteology Research Prize
- **13.35**  Lunch

**14.50–16.35**  How do YOU treat the patient?

**MODERATOR**  William V. Giannobile, USA

- **14.50**  Interactive case presentation supplemented by video/discussion with expert panel and audience
- **CASE PRESENTER**  Stephen Chen, Australia
  Luca Cordaro, Italy
  Arthur B. Novaes Jr., Brazil
  Hendrik Terheyden, Germany
  Pascal Valentini, France
- **16.35**  End

**CLINICAL FORUM 2**

**11.25–13.20**  What is important for the patient?

**MODERATOR**  Jean-Louis Giovannoli, France

- **11.25**  Osteology News
- **11.35**  Oral health-related quality of life
  Colman McGrath, Hong Kong
- **12.05**  Complexities and opportunities using patient reported outcomes in practice based research
  Todd Scheyer, USA
- **12.35**  Cost- and risk-benefit considerations in sinus floor elevation procedures
  Philippe Bouchard, France
- **13.05**  Discussion
- **13.20**  Lunch/End
Surgical and regenerative solutions by Straumann

Whatever your patients need, Straumann offers a solution designed to achieve optimal results. Straumann is dedicated to high quality products meeting biological principles. To learn more about the potential of our innovative surgical and regenerative solutions in implant and GBR treatment optimization, please attend Dr. Luca Cordaro’s presentation at the Implant Forum on May 2, 2013 or visit us at our booth.
Implant Forum, May 2, 2013

“Technological improvements to simplify implant solutions in implant and GBR treatment optimization,” please attend Dr. Luca Cordaro’s presentation at the Implant Forum on quality products meeting biological principles. To learn more about the potential of our innovative surgical and regenerative solutions by Straumann, visit us at our booth.

Whatever your patients need, Straumann offers a solution designed to achieve optimal results. Straumann is dedicated to high surgical and regenerative solutions by Straumann.

Surgical and regenerative solutions by Straumann

Solutions

- Straumann® Emdogain
- Straumann® BoneCeramic™
- Straumann® Dental Implant System

SPEAKERS

Ackermann Karl-Ludwig, Germany
Antoun Hadi, France
Araújo Mauricio, Brazil
Aroca Sofia, France
Becker Jürgen, Germany
Beretta Mario, Italy
Berglundh Tord, Sweden
Beschmidt Marcus S., Germany
Bornstein Michael, Switzerland
Bosshardt Dieter, Switzerland
Bouchard Philippe, France
Burkhardt Rino, Switzerland
Buser Daniel, Switzerland
Casentini Paolo, Italy
Chen Stephen, Australia
Colin Philippe, France
Cooper Lyndon F., USA
Cordaro Luca, Italy
Cortellini Pierpaolo, Italy
Dahlin Christer, Sweden
Donos Nikos, UK
Dulger Eva, Germany
Fickl Stefan, Germany
Gamborena Iñaki, Spain

Giannobile William V., USA
Giovannoli Jean-Louis, France
Gruber Reinhard, Switzerland
Grunder Ueli, Switzerland
Hagège Franck, France
Hanisch Oliver, France
Hämmertle Christoph, Switzerland
Heitz-Mayfield Lisa, Australia
Iglhaut Gerhard, Germany
Jovanovic Sascha, USA
Jung Ronald E., Switzerland
Katsuyama Hideaki, Japan
Klinge Björn, Sweden
Lang Niklaus P., Switzerland
Lindhe Jan, Sweden
Maiorana Carlo, Italy
Marin Pierre, France
Maschera Emilio, Italy
McGrath Colman, Hong Kong
Mombelli Andrea, Switzerland
Neukam Friedrich W., Germany
Nevins Myron, USA
Novoaes Jr. Arthur B., Brazil
NöIken Robert, Germany
Pjetursson Bjarni E., Iceland
Ponte Alessandro, Italy
Ramel Christian, Switzerland
Rocchietta Isabella, UK
Salvi Giovanni, Switzerland
Sanz Mariano, Spain
Scheyer Todd, USA
Schlegel Karl Andreas, Germany
Schwarz Frank, Germany
Sculean Anton, Switzerland
Simion Massimo, Italy
Stimmelmayr Michael, Germany
Storelli Stefano, Italy
Terheyden Hendrik, Germany
Thoma Daniel, Switzerland
Tonetti Maurizio, Italy
Urban Istvan, Hungary
Valentini Pascal, France
Wagner Wilfried, Germany
Watzek Georg, Austria
Weng Dietmar, Germany
Wiltfang Jörg, Germany
Zechner Werner, Austria
Zucchelli Giovanni, Italy
Zuhr Otto, Germany
Hotel rooms at special congress rates are being held for congress participants at various hotels of different categories in Monaco and the surrounding area. All rates are quoted in euro, per room, per night and include breakfast, service and VAT, unless otherwise specified.

Please consider that the hotels listed below are only a selection of all the hotels in Monaco and the surrounding area. If you have specific requests for other hotels, please contact the congress agency at osteology@publiccreations.com.

**PRESTIGE HOTELS**

1. **HÔTEL DE PARIS**
   - Distance to congress centre: 10 minutes walk
   - Luxurious | crystal | splendid
   - [www.hoteldeparismontecarlo.com](http://www.hoteldeparismontecarlo.com)
   - Sea view
     - € 405
     - € 415
   - Standard
     - € 360
     - € 370

2. **HERMITAGE HOTEL**
   - Distance to congress centre: 10 minutes walk
   - Elegance | Belle-Époque | historical monument
   - [www.hotelhermitagemontecarlo.com](http://www.hotelhermitagemontecarlo.com)
   - Sea view
     - € 299
     - € 309
   - Standard
     - € 259
     - € 269

**DELUXE PLUS HOTELS**

3. **MONTE-CARLO BEACH HOTEL**
   - Distance to congress centre: 15 minutes walk
   - City tax on check-out: € 1.50 per person/per night
   - Resort | sea lounge | modern 30’s
   - [www.monte-carlo-beach.com](http://www.monte-carlo-beach.com)
   - Standard
     - € 259
     - € 269

4. **FAIRMONT MONTE-CARLO HOTEL**
   - Distance to congress centre: 5 minutes walk
   - Overlooking the sea | comfortable | elegant
   - [www.fairmont.com/montecarlo](http://www.fairmont.com/montecarlo)
   - Sea view
     - € 291
     - € 301
   - Standard
     - € 229
     - € 239

5. **LE MÉRIDIEN BEACH PLAZA**
   - Distance to congress centre: 5 minutes walk
   - Private beach | comfortable | stylish
   - [www.lemeridienmontecarlo.com](http://www.lemeridienmontecarlo.com)
   - Sea view
     - € 291
     - € 301
   - Standard
     - € 229
     - € 239

6. **MONTE-CARLO BAY HOTEL & RESORT**
   - Distance to congress centre: 10 minutes walk
   - Chic | modern | blue lagoon
   - [www.montecarlobay.com](http://www.montecarlobay.com)
   - Sea view
     - € 291
     - € 301
   - Standard
     - € 229
     - € 239
**PORT PALACE HOTEL**
Distance to congress centre: 15 minutes walk or 10 minutes by public bus. Bus stop in front of the hotel, route No. 1.
Boutique hotel | contemporary | harbour view
Sea view | € 291 | € 301
Standard | € 229 | € 239
www.portpalace.net

**DELUXE HOTELS**

**COLUMBUS MONTE-CARLO**
Distance to congress centre: 15 minutes by public bus.
Bus stop in front of the hotel, route No. 6.
Elegant | serenity | trendy
Executive | € 225 | € 235
Standard | € 195 | € 205
www.columbusгорtehotels.com

**MARRIOTT HOTEL**
Distance to congress centre: 15 minutes by public bus.
Bus stop in front of the hotel, route No. 6.
City tax on check-out: € 1.50 per person / per night.
Contemporary | international | comfortable
Sea view | € 225 | € 235
Standard | € 195 | € 205
www.marriottпорteдemonaco.com

**NOVOTEL MONTE-CARLO**
Distance to congress centre: 20 minutes walk or 10 minutes by public bus. Bus stop next to the hotel, route No. 4 and then No. 6.
Modern | bright | contemporary
Executive | € 225 | € 235
Standard | € 195 | € 205
www.novotel.com/fr/hotel-5275-novotel-monte-carlo/index.shtml

**STANDARD HOTELS**

**AMBASSADOR HOTEL**
Distance to congress centre: 20 minutes walk or 10 minutes by public bus. Bus stop in front of the hotel, route No. 4 and then No. 6.
Comfortable | friendly | modern
Standard | € 180 | € 190
www.ambassadormonaco.com

**FORUM HOTEL**
Distance to congress centre: 30 minutes walk or 15 minutes by public bus. Bus stop in front of the train station, route No. 4 and then No. 6. City tax on check-out: € 1.00 per person / per night
Calm | friendly | cosy
Standard | € 150 | € 180
www.forumhotel.net
Please note that the number of reservable rooms for each hotel is limited. Early room reservation is therefore recommended. Rooms are allocated on a first come, first served basis. Should your favourite hotel (1st choice) be fully booked, a room will be reserved for you in your 2nd or 3rd choice hotel.

Reservations must be made through the congress office, Publi-Créations, to guarantee the quoted rates negotiated for the congress. It is highly recommended that you book the hotel rooms online at www.osteology-monaco.org. Alternatively, hotel rooms can also be reserved by completing the appropriate hotel reservation form and returning this by e-mail (osteology@publiccreations.com) or fax (+377 97 97 35 50). Rooms can only be reserved for a minimum stay of the two main nights, i.e. Thursday, May 2, 2013 and Friday, May 3, 2013. An appropriate invoice, which serves as confirmation document, will be sent after receipt of the corresponding full payment.

Cancellation conditions for hotel rooms
Any change or cancellation of an individual hotel reservation must be sent in writing to Publi-Créations.

- By January 15, 2013 no charge
- By February 28, 2013 one night will be charged
- After February 28, 2013 100% of the accommodation cost payable will be charged and no refund will be processed.

Please consider that the above-mentioned cancellation conditions only apply to individual reservations.

Group reservations (more than 10 rooms)
For group reservations please contact Publi-Créations directly at osteology@publiccreations.com, as different reservation conditions will apply.

City Tax
City tax only applies to hotels located in France and are noted inside the hotel description. The price per person, per night is between € 1.00 – 1.80 (depending on the hotel category) and this needs to be paid immediately on check-out.
BioHorizons is known for using science and innovation to create unique implants with proven surgical and aesthetic results. Laser-Lok microchannels exemplify our dedication to evidence-based research and development.

Laser-Lok microchannels is a proprietary dental implant surface treatment developed from over 20 years of research initiated to create the optimal implant surface. Through this research, the unique Laser-Lok surface has been shown to elicit a biologic response that includes the inhibition of epithelial downgrowth and the attachment of connective tissue (unlike Sharpey fibers). This physical attachment produces a biologic seal around the implant that protects and maintains crestal bone health. Implants with the Laser-Lok technology have been shown in post-market studies to be more effective than other implant designs in reducing bone loss.*

Laser-Lok is available on Single-stage, Internal, Tapered Internal and Laser-Lok 3.0 implants.

* Please see BioHorizons document ML0606 for a complete list of the Laser-Lok studies.
DENTSPLY Implants offers a comprehensive line of implants, including ANKYLOS®, ASTRA TECH Implant System™, and XiVE®, digital technologies such as ATLANTIS™ patient-specific abutments, regenerative bone products and professional development programs.

DENTSPLY Implants is built upon the fundamental values of open-mindedness, a thorough scientific approach, a dedication to long-term clinical evidence and a strong customer focus. Our current DENTSPLY Friadent and Astra Tech Dental customers can rest assured knowing that the world-class products they know will continue to be supported.

We are confident that dental professionals around the globe will come to recognize DENTSPLY Implants as their new partner of choice for integrated implant solutions, dedicated support and better patient care.

We invite you to join our journey to redefine implant dentistry.

*DENTSPLY Implants was launched in North America April 2012. Transition to the new business in other geographical locations around the globe will follow.
TRAVELLING BY PLANE

The Nice Côte d’Azur International Airport is a major gateway to Southern Europe and only 22 kilometres from Monaco. Comfortable and rapid travel is provided by numerous direct flights. Further information and a list of all the airlines flying to Nice can be found at www.nice.aeroport.fr.

Transfer from / to the airport

By taxi
Prices for taxi transfers from Nice Airport to Monaco or from Monaco to Nice Airport are as follows:

- Day fares from € 90 to € 120 [one way]
- Night fares from € 95 to € 130 [one way]

No credit card payments are accepted in any taxis: cash only!
Taxis are available outside the airport or can be ordered 24 hours a day on the following telephone numbers:

- in Nice +33 4 93 13 78 78
- in Monaco 0820 20 98 98

By Airport Shuttle Express – FOR FREE
Participants landing at Nice Airport may benefit from a complimentary daily bus transfer to Monaco using the Airport Shuttle Express bus No. 110. The bus will take the participant to all the main hotels located in Monaco. In order to benefit from this offer, which has limited number of seats, please ask the hostess at the Osteology Welcome Desk before the luggage claim at the airport for your voucher.

- Departure Nice Airport:
  Terminal 1 and 2, every hour, from 09.00 – 21.00
- Departure Monaco:
  At all main hotels. Please ask the concierge or see www.osteology-monaco.org for more details.
- Duration: 45 minutes
  www.uk.niceairportxpress.com

By helicopter
Heli Air Monaco, located right by the sea, offers numerous daily connections [every 30 minutes] from Nice Airport to Monaco – only 7 minutes away by helicopter. Upon arrival in Monaco, a complimentary shuttle service will take you to your hotel. Please check with Heli Air for your pick-up time for departure.

Special congress rates [per person]

- Nice – Monaco € 100 including taxes [regular rate: € 125]
- Monaco – Nice € 85 including taxes [regular rate: € 110]
- Round-trip ticket € 175 including taxes [regular rate: € 220]

Reservations
For reservations please visit the congress website www.osteology-monaco.org. If you complete the form, you can take advantage of the special conference rates. The registration form should preferably be sent directly to Heli Air Monaco by e-mail or by fax.

If you make your booking by telephone, please let them know that you are attending the Osteology Symposium by mentioning “Osteology 2013”, in order to take advantage of this special congress rate.

Contact details for Heli Air Monaco
Fabien Garavagno
fabien@heliairmonaco.com
phone +377 92 05 00 33
fax +377 92 05 00 51
www.heliairmonaco.com

TRAVELLING BY TRAIN / TGV

Rapid and SNCF express trains connect Monaco with all regions in France and all major European cities. Further information at

- French website: www.voyages-sncf.com
- English website: www.tgv-europe.com

PUBLIC PARKING

37 car parks are available for visitors [with video-surveillance or a security guard]. Please liaise with your hotel for parking arrangements. All the main public car parks are marked on the Monaco location map on page 28.
www.monaco-parkings.mc

PUBLIC BUS IN MONACO – FOR FREE

Benefit from your free ground transport by using public buses. The offer is valid from May 2 – 4, 2013 by showing your congress badge to the bus driver while entering the bus. Please check at www.osteology-monaco.org for more details.
The perfect harmony of Swiss precision, innovation and functional design.

The Thommen Implant System represents superior precision, sophistication and functional design. Our products have been developed to meet the needs of the clinician through a combination of experience, expertise, and an ongoing commitment to innovation. Our in-house R&D and manufacturing allow for the creation of superior products that exceed patient expectations and simplify your daily office life. Tune in to Swiss precision and innovation. We are looking forward to meeting you.

More information: www.thommenmedical.com

IMPLANT FORUM
MAY 2, 2013
DR. UELI GRUNDER
“Key success factors for implant restorations in the aesthetic zone”
OSTEOLOGY BIRTHDAY DRINK

- Date: Friday, May 3, 2013
- Timing: 19.00 – 20.00
- Place: Grimaldi Forum, Monaco

Let yourself be carried away to a world of extravagance by a show presented by professional artists. With their lightness and proficiency and an amazing performance, they will create an unforgettable atmosphere full of excitement and emotion. You’ll have the chance to mingle and chat with other congress participants, your friends and colleagues during this exceptional performance. Don’t miss this opportunity to enjoy the surprises we have in store for you!

**Free admission**
All congress participants and their partners are cordially invited to share an Osteology Birthday Drink.

**Important**
Please note that you must sign up for this event using the registration form.

**Attendance at this event is limited.**

OSTEOLOGY CELEBRATION NIGHT

- Date: Friday, May 3, 2013
- Start: 20.00
- Price: €148 per person
- Place: Salle des Etoiles, Monaco
- Dress Code: Cocktail or evening dress

**The Salle des Etoiles – an exceptional venue...**
With its illuminated arches and huge bay windows, the prestigious Salle des Etoiles is a brilliant venue for a spectacular and unforgettable party. The Salle des Etoiles has welcomed the greatest international performers to its legendary stage. It is the scene for such world famous events as the Rose Ball and the Formula 1 dinner party. Osteology offers you the unique opportunity to enjoy one of Monaco’s most glamorous locations.

**It’s going to be magic...**
It’s our 10th anniversary and we are inviting you to indulge in a magic world. Let us sweep you off your feet. You won’t believe your eyes when you see these impressive and breathtaking shows. The band will indulge you with memorable sound track music, guaranteed to quicken your pulse and draw you onto the dance floor with pop, soul and jazz until late into the night. We invite you to enjoy a very special experience and many other surprises we have in store for you. If you’d prefer just to sit and relax, you’ll find a comfortable place for a chat with friends.

The gourmets among you will be delighted by the chef’s culinary creations, with inspired and beautifully presented dishes from all over the world.

Come along and celebrate Osteology’s birthday and experience the magic at this extraordinary venue. We look forward to seeing you there.

**Attendance at this unique event is limited.**
Monaco city tour | Oceanographic Museum | Exotic Garden
Discover the history of the Principality in the old town, where narrow streets lead you to some of the most important landmarks of Monaco, such as the Cathedral, where the late Princess Grace and Prince Rainier are buried. Experience the daily spectacle of the Changing of the Guards at 11.50, right in front of the Prince’s Palace. After a visit to the famous Oceanographic Museum, you will enjoy lunch in a typical old town restaurant. A visit to the Exotic Garden, a cactus paradise hanging precariously atop a rocky cliff, will complete your day.

Helicopter flight (optional)
You can benefit from the option of going on a breathtaking helicopter ride over the Principality (10 minutes). After the helicopter ride, you will join the rest of the group at the Exotic Garden.

Date
Friday, May 3, 2013
09.30 – approximately 16.30

Price
€ 120 per person (without helicopter flight)
€ 190 per person (including helicopter flight)

Included
Guided tour in English, transport by bus, lunch, entrance fees to the Oceanographic Museum and Exotic Garden
Minimum number of participants: 20

Boat trip | Villefranche | Nice | Olive oil tasting
Enjoy a boat ride and discover the beautiful landscape of the coastline, small bays and coves between rugged rocks, dramatic cliffs plunging into the deep blue sea and pine-wooded headlands hiding fabulous villas. Our destination is Villefranche, a lovely fishing village nestled on the shore of a magnificent bay which has anchored all the navies of history, from the merchant ships of ancient Greece to the U.S. 6th Fleet.

The guided tour will continue to Nice old town and its market place, the “Cours Saleya”, where the colours and scents of Provence are on display in the famous flower market, at its best in May.

In the afternoon, you will explore one of the most typical Provençal products: olive oil. Involved in the olive oil business since 1868, the Alziari family is happy to welcome you for olive oil tasting in its ancient, picturesque shop.

Date
Friday, May 3, 2013
09.00 – approximately 17.00

Price
€ 280 per person

Included
Guided tour in English, boat charter, transport by bus, lunch, admission for olive oil tasting
Minimum number of participants: 20
Maximum number of participants: 40

All prices above include VAT.
Market in San Remo, Italy | Village of Dolceacqua

After a pleasant drive on the freeway and beautiful panoramic views over sea and mountains, the traditional open-air market of San Remo and its large shopping opportunities await you this morning. All around the market, traditional shops and trendy fashion boutiques as well as bars and cafés invite you to discover the famous Italian charm. We leave San Remo and stop en route for lunch in a typical restaurant where you’ll be able to taste genuine Italian cuisine.

The afternoon will be dedicated to a visit to the well-named village of Dolceacqua (sweet water), bathed by the cool Nervia river, crossed by an authentic late medieval bridge. The quaint paved streets lead to the renovated castle built in the 15th century by the powerful family of merchants and bankers, the Doria family.

Visit Eze | Fragonard Perfumery

Eze is a fairy-tale village perched on a rocky hill overlooking the Mediterranean Sea with romantic narrow streets, beautiful ancient stone houses and attractive handicraft shops. Above the village, in the ancient ruined fortress, a surprising cactus garden populated by statues offers the most enchanting panoramic views over the coastline.

In the Fragonard Perfumery you will be able to explore the secrets of perfume making, from the first copper stills in use since the 4th century to the most modern techniques, and learn the patient and mysterious art of the “Nose”.

Date  Saturday, May 4, 2013
09.00 – approximately 17.00

Price  € 95 per person

Included  Guided tour in English, transport by bus [approximately 1 hr 15 min. each way], lunch, entrance fee to Dolceacqua castle
Minimum number of participants: 20

Date  Saturday, May 4, 2013
09.00 – approximately 14.00

Price  € 62 per person

Included  Guided tour in English, transport by bus, admission to fortress and Fragonard Perfumery
Minimum number of participants: 20

All prices above include VAT.
Planning is the key to success.

Maximize treatment safety and optimize function and esthetics.

Enhance quality and efficiency through digital diagnostics.

Available for Mac OS® X and Windows® and open for other implant systems.

JOIN OUR WORKSHOP

DATE May 2, 2013
TIME 09:00 a.m. – 12:30 p.m.
02:00 p.m. – 05:30 p.m.
LOCATION Grimaldi Forum Monaco
“Patient-oriented treatment approaches remain the key to success”

Nobel Biocare at Osteology 2013. Bone regeneration today has become a frequent and routine procedure in implant dentistry. To establish long term esthetic results, we need to ensure optimal soft tissue outcomes. At Osteology 2013, Nobel Biocare will focus on pre-treatment evaluation and planning as the key to successful treatment results. In our workshop, digital diagnostic planning tools, hard and soft tissue protocols and graftless solutions for optimal treatment outcomes will be discussed and concluded by the experts.

For further information on the theoretical and practical workshop visit nobelbiocare.com/osteology2013

With the NobelClinician Software you can diagnose and plan treatments with a new level of predictability and safety. Enhance your diagnostics with combined 2D and 3D views and optimize implant placement based on patient anatomy and prosthetic needs. When you partner with Nobel Biocare, a pioneer in digital dentistry, you benefit from proven technology that ensures superior function and natural-looking esthetics. Their smile, your skill, our solution.
**GOOD TO KNOW**

**Congress venue**
Grimaldi Forum  
BP 2000, 10, Avenue Princesse Grace  
MC-98001 Monaco Cedex  
phone +377 99 99 20 00  
www.grimaldiforum.com

**Registration and information**
Publi-Créations  
74, Boulevard d’Italie  
MC-98000 Monaco  
phone +377 97 97 35 55  
fax +377 97 97 35 50  
osteology@publicreations.com

**Organisation**
Osteology Foundation  
Landenbergstrasse 35  
CH-6002 Lucerne

Tiziana Dotta | Nathalie Huber | Astrid Wicki | Sibylle Zumbühl  
phone +41 41 368 44 44  
fax +41 41 492 67 39  
info@osteology.org  
www.osteology-monaco.org

**Opening hours congress office**
The office/registration desk at the Grimaldi Forum will be open as follows:
- **Wednesday, May 1, 2013** 15.00 – 20.00
- **Thursday, May 2, 2013** 08.00 – 18.00
- **Friday, May 3, 2013** 08.00 – 18.00
- **Saturday, May 4, 2013** 08.00 – 17.00

**Congress language**
The official congress language is English.

**Workshops on Thursday**
The languages of the workshops on Thursday are listed in the workshop programme (see pages 7–18).

**Implant Forum on Thursday afternoon**
The Implant Forum on Thursday afternoon will be held in English with simultaneous translation into French. In January 2013, it will be decided whether simultaneous translation into German and Italian will also be provided.

**Scientific Symposium on Friday and Saturday**
Clinical Forum 1, on Friday and Saturday, will be held in English with simultaneous translation into French, German and Italian. In January 2013, it will be decided whether simultaneous translation into any other languages will be provided.

Clinical Forum 2, on Friday and Saturday, will be held in English only. For more information, please visit the regularly-updated congress website www.osteology-monaco.org.

**Shopping in Monaco**
Opening hours of major shops:
- Monday to Saturday 10.00 – 19.00
- Sunday closed

Most shops accept major credit cards. In Monaco, there is a 19.6% value added tax (VAT) on goods, which is included in the sales price. The shops will be closed on May 1, 2013, due to a public holiday; most restaurants will be open.

**Continuing education credit hours**
Credit hours are awarded based on the total number of hours attended, excluding any corporate presentations, breaks, meals and registration periods. Further details of the credit hours awarded are available at www.osteology-monaco.org.

**Certificate of attendance**
A certificate of attendance for pre-registered participants will be handed out with the congress material when checking in at the congress. Participants who register on-site must request this certificate at the registration desk.

**Visa applications**
All foreign citizens who wish to come to Monaco/ France must be able to present official proof of the purpose of their stay, means of support and accommodation. Some nationalities need a visa to enter Monaco/France. Before you leave for Monaco/France, you need to apply for visas at an Embassy or Consulate office of Monaco or France. A general invitation letter is available on www.osteology-monaco.org. For more specific requests, please contact Publi-Créations at osteology@publicreations.com.

**Programme changes**
The organisers cannot assume any liability for any changes to the programme and reserve the right to change the programme without notice at any time.

**Liability**
In general, the congress organisers shall only be liable for the delegates and their companions in cases of gross negligence or wilful misconduct in the performance of their obligations under the congress event agreement. The congress organisers shall accept no responsibility or liability for events such as accident, theft or loss of property, etc. and the delegates and persons accompanying the same shall be responsible for their own insurance.

**REGISTRATION**
We recommend online registration at www.osteology-monaco.org.

**Main Symposium / Implant Forum**
The registration fee for the Main Symposium includes attendance at the Scientific Symposium (Friday/Saturday) and Implant Forum (Thursday), attendance at the poster and exhibition area and refreshments (coffee breaks and lunch), admission for yourself and a partner to the Osteology Birthday Drink. VAT at 19.6% is not included and must be added to your payment.
Closing of pre-registration on April 15, 2013. After this date, on-site registrations only will be available. A supplement of € 60 (VAT incl.) will be payable.

Workshops
To register for a workshop, participants must first be registered for the Main Symposium. Limited number of workshop seats are available. The workshops taking place in the morning and afternoon include refreshments (coffee breaks and lunch). VAT at 19.6% is not included and must be added to your payment.

Osteology Workshops
1. Osteology Workshop in English | Thoma, Ramel € 300
2. Osteology Workshop in English | Mascher, Beretta € 300
3. Osteology Workshop in English | Salvi, Heitz-Mayfield € 300
4. Osteology Workshop en français | Marin, Colin € 300
5. Osteology Workshop en français | Hanisch, Hagège € 300
6. Osteology Workshop in Deutsch | Zuur € 300
7. Osteology Workshop in Deutsch | Schwarz € 300
8. Osteology Workshop in English | Bosshardt, Gruber € 30
9. Osteology Workshop in English | Bornstein, Rocchietta € 30

Gold Partner Workshops (English)
1. Geistlich Biomaterials | Fickl € 300
2. Geistlich Biomaterials | Urban € 300
3. Geistlich Biomaterials | Pjetursson € 300
4. BioHorizons | Igihaut € 300
5. Camlog | Beschnidt € 300
6. Dentsply Implants | Nöiken € 300
7. Dentsply Implants | Ponte, Dulger € 300
8. Nobel Biocare | Simion, Dahlin, Gamborena, Jovanovic, Zechnner € 130
9. Nobel Biocare | Jovanovic € 300
10. Straumann | Casentini, Storelli € 300
11. Straumann | Zucchelli € 300

Students
A student card with valid date and a signed letter from the Departmental Chair at your University is mandatory in order to benefit from the reduced student rate. Please send your student card to the registration office, Publi-Créations. Your registration request at the reduced price will only be accepted on receipt of your student card.

Terms of payment
Please consider all fees were calculated with VAT at 19.6% and 7%. In case of modifications in VAT established by the French/Monaco Government, Publi-Créations reserves the right to inform and adjust accordingly.

Credit card
The following credit cards are accepted: Visa, Eurocard/Mastercard and American Express. Please enter the credit card details in the appropriate section on the registration form or register online at www.osteology-monaco.org. Please be aware that payments by credit card are in security certificate mode.

Bank transfer
Details for bank transfers will be advised by Publi-Créations when confirming your registration request and the relevant amount due. Payments must be received by Publi-Créations within 10 days of the date of your registration request.

Bank and handling fee
A flat bank and handling fee of € 15 (VAT included) will be charged directly to the participants on each invoice issued (for both credit card and bank transfer payments). Participants are strongly advised to make all their respective bookings at once (Main Symposium, workshops, hotels, social programme, etc.).

Invoice
Invoices in electronic format will be sent to each participant upon receipt of the relevant payment. Printed invoices will only be sent if specifically requested.

Group registrations
For further information and conditions, please contact Publi-Créations at osteology@publiccreations.com.

Confirmation of registration
The confirmation letter along with the corresponding settled invoice will not be sent until full payment has been received. The congress documentation and all necessary vouchers will be issued on-site, at the congress office in Monaco.

Name changes
Participants who wish to make name changes after March 15, 2013 will be charged a fee of € 20 (VAT included) for each name change.

Cancellations | Refunds
Notification of cancellation must be sent in writing to Publi-Créations. Cancellations will be accepted up to March 15, 2013, with a refund of the registration fee paid minus a 30% administration charge. After that date, refunds of registration fees will only be made in exceptional circumstances and when requested in writing. Should the congress be cancelled by the conference organiser, any amount paid by the participants will be refunded. This will be the sole and exclusive right and compensation of the participant in this respect.

VAT
19.6% value added tax must be added to the registration fees. Conversely, the applicable value added tax is included in the hotel rates published and in the prices of the social events proposed. A breakdown of the appropriate VAT, depending on the services requested, will be indicated on the invoice issued. Participants can only recover the VAT (excluding VAT on hotel rates) if the relevant invoice is issued to a company, institution, etc., but not to individuals. Once the invoice has been paid, VAT can be reclaimed by contacting:

Direction des Services Fiscaux de Monaco
57, Rue Grimaldi, MC–98000 Monaco, phone: +377 98 98 21 21
Visualizing the invisible while experiencing a fascination with science is the great challenge that Cell-to-Cell Communication, representing an all-new genre, has set out to meet. A spectacularly sophisticated computer animation in HD quality depicts the highly complex processes of intercellular interaction during an inflammatory periodontal reaction complete with the messenger molecules implicated. The various cell types constitute the main cast of the film, using a finely tuned communication process in their quest to destroy the bacterial invaders, with messenger molecules as supporting cast. A stunning didactic and dramatic experience!

Authors: B. Stadlinger | H. Terheyden
Advisory Board: D. Cochran | J. Meyle | P. Preshaw | M. Sanz
Production: Quintessence Publishing / iAS
Cooperating partners: Colgate / GABA
We recommend online registration at www.osteology-monaco.org.

Print/type clearly, as name badges, certificates and other documents will be produced from this form. Please use one form per person and photocopy this form for colleagues as required. We would appreciate legible handwriting.

**Online registration**

![QR code]

Please e-mail or fax the form to (block letters):

Publi-Créations  
74, Boulevard d'Italie  
MC-98000 Monaco  
phone +377 97 97 35 55  
fax +377 97 97 35 50  
osteology@publiccreations.com

<table>
<thead>
<tr>
<th>Prof.</th>
<th>Dr.</th>
<th>Mr.</th>
<th>Mrs.</th>
<th>Ms.</th>
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</table>

Family name

First name

Institution

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<tr>
<th>Postal address</th>
<th>Invoice address (if different from postal address)</th>
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<th>Postal code</th>
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Phone

Fax

E-mail

Accompanying person(s)
### MAIN SYMPOSIUM / IMPLANT FORUM

The fee for the Main Symposium includes attendance at the Scientific Symposium (Friday/Saturday) and Implant Forum (Thursday), attendance at the poster and exhibition area, refreshments (coffee breaks and lunch) as well as the admission for yourself and a partner to the Osteology Birthday Drink.

For payment please consider registration fee including VAT.

<table>
<thead>
<tr>
<th>Event</th>
<th>Fee without VAT</th>
<th>Fee VAT included</th>
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</thead>
<tbody>
<tr>
<td>Main Symposium</td>
<td>before January 31, 2013</td>
<td>€ 475</td>
</tr>
<tr>
<td>Main Symposium</td>
<td>after January 31, 2013</td>
<td>€ 575</td>
</tr>
<tr>
<td>Main Symposium students</td>
<td>before January 31, 2013 (student card required)</td>
<td>€ 230</td>
</tr>
<tr>
<td>Main Symposium students</td>
<td>after January 31, 2013 (student card required)</td>
<td>€ 300</td>
</tr>
</tbody>
</table>

Closing of pre-registration on April 15, 2013. After this date only on-site registrations will be available with a supplement of €60 (VAT included).

### WORKSHOPS

The workshop fees include refreshments (coffee breaks and lunch). For payment please consider fee including VAT.

<table>
<thead>
<tr>
<th>Workshop</th>
<th>Fee without VAT</th>
<th>Fee VAT included</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Osteology Workshops</strong></td>
<td></td>
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</tr>
<tr>
<td>1 Osteology Workshop in English</td>
<td>Thoma, Ramel</td>
<td>€ 300</td>
</tr>
<tr>
<td>2 Osteology Workshop in English</td>
<td>Maschera, Beretta</td>
<td>€ 300</td>
</tr>
<tr>
<td>3 Osteology Workshop in English</td>
<td>Salvi, Heitz-Mayfield</td>
<td>€ 300</td>
</tr>
<tr>
<td>4 Osteology Workshop en français</td>
<td>Marin, Colin</td>
<td>€ 300</td>
</tr>
<tr>
<td>5 Osteology Workshop en français</td>
<td>Hanisch, Hagège</td>
<td>€ 300</td>
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<tr>
<td>6 Osteology Workshop in Deutsch</td>
<td>Zhur</td>
<td>€ 300</td>
</tr>
<tr>
<td>7 Osteology Workshop in Deutsch</td>
<td>Schwarz</td>
<td>€ 300</td>
</tr>
<tr>
<td>8 Osteology Workshop in English</td>
<td>Bosshardt, Gruber</td>
<td>€ 30</td>
</tr>
<tr>
<td>9 Osteology Workshop in English</td>
<td>Bornstein, Rocchetta</td>
<td>€ 30</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Workshop</th>
<th>Fee without VAT</th>
<th>Fee VAT included</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Gold Partner Workshops [English]</strong></td>
<td></td>
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<tr>
<td>10 Geistlich Biomaterials</td>
<td>Fickl</td>
<td>€ 300</td>
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<tr>
<td>11 Geistlich Biomaterials</td>
<td>Urban</td>
<td>€ 300</td>
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<tr>
<td>12 Geistlich Biomaterials</td>
<td>Pjetursson</td>
<td>€ 300</td>
</tr>
<tr>
<td>13 BioHorizons</td>
<td>Iglhaut</td>
<td>€ 300</td>
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<tr>
<td>14 Camlog</td>
<td>Beschnidt</td>
<td>€ 300</td>
</tr>
<tr>
<td>15 Dentsply Implants</td>
<td>Nölken</td>
<td>€ 300</td>
</tr>
<tr>
<td>16 Dentsply Implants</td>
<td>Ponte, Dulger</td>
<td>€ 300</td>
</tr>
<tr>
<td>17 Nobel Biocare</td>
<td>Simion, Dahlin, Gamborena, Jovanovic, Zechner</td>
<td>€ 130</td>
</tr>
<tr>
<td>18 Nobel Biocare</td>
<td>Jovanovic</td>
<td>€ 300</td>
</tr>
<tr>
<td>19 Straumann</td>
<td>Casentini, Storelli</td>
<td>€ 300</td>
</tr>
<tr>
<td>20 Straumann</td>
<td>Zucchelli</td>
<td>€ 300</td>
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</tbody>
</table>
Important registration guidelines
The large workshop programme offers workshops in the morning and afternoon. All workshop participants will automatically be granted free admittance to the Implant Forum on Thursday afternoon. Please take care to avoid double bookings when selecting your desired workshop.

Your first workshop
Workshops will be allocated according to the availability of your chosen options.

1st option  No. _______ Company ____________________________  € __________
2nd option  No. _______ Company ____________________________  € __________
3rd option  No. _______ Company ____________________________  € __________

Your second workshop if you plan to attend two workshops
Registration for a second workshop is only possible if the timing does not clash with the first workshop booked. Your second workshop will be allocated according to the availability of your chosen options.

1st option  No. _______ Company ____________________________  € __________
2nd option  No. _______ Company ____________________________  € __________
3rd option  No. _______ Company ____________________________  € __________

From April 15, 2013 only on-site registrations are available, with a surcharge of € 60

Total registration fees (VAT included)

€ __________

SOCIAL PROGRAMME

☐ Osteology Birthday Drink at the Grimaldi Forum  
Free entry (registration essential, attendance is limited)  
No. of persons _______  € inclusive

☐ Osteology Celebration Night  
€ 148 per person  No. of persons _______  € __________

☐ Monaco city tour | Oceanographic Museum | Exotic Garden  

☐ Without helicopter flight  
€ 120 per person  No. of persons _______  € __________

☐ Including helicopter flight  
€ 190 per person  No. of persons _______  € __________

☐ Boat trip | Villefranche | Nice | Olive oil tasting  
€ 280 per person  No. of persons _______  € __________

☐ Market in San Remo, Italy | Village of Dolceacqua  
€ 95 per person  No. of persons _______  € __________

☐ Visit Eze | Fragonard Perfumery  
€ 62 per person  No. of persons _______  € __________

Total social programme (VAT included)

€ __________
HOTEL

Please bear in mind that hotel rooms can only be reserved for a **minimum stay of the two main nights**, i.e. on Thursday, May 2, 2013 and Friday, May 3, 2013. Should your favourite hotel (1st choice) be fully booked, a room will be reserved for you at your 2nd or 3rd choice hotel or another hotel of the same or similar category. All rates are per room, per night and include breakfast, service and VAT, unless otherwise specified.

**Preferred hotel** (Room rates per overnight stay: see pages 26 and 27)

1st choice

2nd choice

3rd choice

Arrival ___________________________ Departure ___________________________

- [ ] Double room, single occupancy
- [ ] Double room

Price per overnight stay € ___________________________ x No. of nights ___________________________

**Total hotel costs (VAT included)**

€ ___________________________

**Bank and handling fee (VAT included)**

€ 15.–

**Total amount payable**

(Main Symposium, workshops, social programme, hotels)

€ ___________________________

All fees were calculated with VAT at 19.6% and 7%. In case of modifications in VAT established by the French/Monaco Government, Publi-Créations reserves the right to inform and readjust accordingly.

PAYMENT (Forms sent without information on payment will not be considered!)

- [ ] Credit card
  - Please charge the total amount to my credit card
  - [ ] VISA  [ ] Eurocard/MasterCard  [ ] American Express

  The amount due will be debited by Publi-Créations upon receipt of the registration form and reconfirmed on their invoice.

  Name of cardholder ___________________________

  (Block letters)

  Card number ___________________________ Expiry date ____________ Security code ___________________________

  (three numbers on the backside)

  Place, date ___________________________ Signature ___________________________

- [ ] Bank transfer

Once your registration request has been processed, Publi-Créations will send you the bank details along with a summary of the total amount to be paid. Payments must be received by Publi-Créations within 10 days from the date of your registration request. If you want to proceed directly please transfer the payment to Publi-Créations. Bank details: JULIUS BAER, 1, avenue des Citronniers, 98000 Monaco (MC), IBAN MC 23 1450 8000 0151 0479 3001 D18, BIC (swift) BAERMCMC. Clearly state the name of the participant and “International Osteology Symposium”.

Confirmation of registration

The confirmation letter along with the corresponding settled invoice will only be sent once the full payment has been received.

Bank and handling fee

Please note that a flat bank and handling fee of € 15 (VAT included) must be added to your payment [for both credit card or bank transfer payments] and will be included on each issued invoice. **Participants are strongly advised to make all their respective bookings at once** (Main Symposium, workshops, social programme, hotels).