XX CONGRESS
OF THE EUROPEAN ASSOCIATION FOR CRANIO-MAXILLO-FACIAL SURGERY

Final Programme

14-17 September 2010
Bruges, Belgium

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Message from the President
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Robert Peiffer

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EACMFS Council Election 2008-2010

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Introduction:
The European Board of Oro-Maxillo-Facial Surgery (EBOMFS) in common with other European Boards of recognized UEMS-Specialties is conducting RQ (Recognition of Qualification) - Assessments. The European Board exists to enhance the standards of training and practice through different means. Among those is the EBOMFS - Assessment, which will give the title of “Fellow of the EBOMFS”. The Assessment is voluntary and does not affect free movement of doctors in Europe.

Time and Place:
2010 EBOMFS RQ-Assessment will be organized 12th-13th September 2010 in Bruges, Belgium just before the XX Congress of the European Association of Cranio-Maxillo-Facial Surgery in Bruges. The registration will take place on Sunday morning (12th of September, 2010), at the Conference Center, between 08:00 – 09:00 am. The MCQ – exam will be carried out at the Conference Center, between 9:00 – 10:30 am (Sunday 12th). The oral part will be carried out at Conference Center. The oral part will be carried out on Sunday and Monday (12th and 13th of September).

Eligibility:
Candidates for the R.Q.-Assessment must satisfy one of the three following terms.

- Recognized specialists in oral and maxillofacial surgery in one of the countries of the E.U. where the specialty is based on a medical and dental degree.
- Recognized specialists in oral and maxillofacial surgery in one of the countries of the E.U. where the specialty is based on a medical degree.
- Recognized specialists in oral and maxillofacial surgery in one of the countries of the E.U. where the specialty is based on a dental degree, provided this specialist also holds a medical degree.

The candidate for the R.Q.-Assessment shall have been a recognized specialist in oral and maxillofacial surgery for at least 2 years. It shall be demonstrated that he or she has effectively practised oral and maxillofacial surgery during this period. It shall be proved that he or she has shown continuing scientific and / or continuing medical training interest in the specialty.

Structure:
The assessment will be in three parts.

1. Curriculum vitae and logbook in English.
2. Multiple Choice Exam (MCQ) in simple English.
3. Oral interview of the candidate.
The Oral Examination will be carried out using one out of the following four languages: English, French, German, Spanish. Exceptionally, if the candidate cannot cope with any of these four languages and do not agree with the offered suggestion should contact the Secretary General for further proposals in order to find appropriate examiners for Oral Assessment. The oral interview will last one hour and consists of two parts:

A. Questions covering the whole scope of the specialty.
B. Case report. Each candidate must be ready to present three well documented personal cases: (using slides, photographs, medical imaging, casts, histology, laboratory findings etc...).

Candidates who do not pass the first part will not be permitted to enter the second part. Each part of the assessment will be conducted by a panel of three assessors selected by the board. The chairman of each jury will be from the same country as the candidate. The decision of the assessors will be final.

The Fee:
The fee for the assessment will be 450 € payable with the application for the assessment. A copy of the bank draft must be enclosed. Cheques or credit card payments are not accepted. The deadline for Application for the 2010 Assessment will be the 15. of June 2010. Specialists wishing to take the Assessment or wishing to obtain further instructions or application form should contact the Secretary of EBOMFS or their national representatives.

WWW.EBOMFS.EU
Helsinki, Finland 2009
Secretary General, EBOMFS / UEMS, Dr. Risto Kontio
PRODUCTS THAT IMPROVE PEOPLE’S LIVES....

TOPICS IN MIDFACE AND MANDIBULAR ADVANCEMENTS USING DISTRACTION

Faculty: Stephen A. Schendel, M.D., D.D.S
Date: Monday, September 13, 2010
Time: 2:00 – 6:00 pm

- Learn the design features and use of the devices
- Indications and patient selection
- Treatment planning
- Surgical techniques and considerations
- Postoperative protocol

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- Natural mandible growth curve mimicked by fixed curvilinear trajectories
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- Length and size options of component pieces allow for anatomical customization

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Welcome To Bruges

Known as the Venice of the North, Bruges is one of the most beautiful cities in Europe. It was a justified motive that prompted UNESCO in 2000 to include the entire historical city centre on the World Heritage list. Walking along the maze of winding cobbled alleys and romantic canals, you can imagine being in medieval times. Bruges is also home to contemporary culture, such as the new Concertgebouw (Concert Hall), which is one of the most prominent music complexes in Flanders.

The city maintains the very highest culinary standards. Bruges boasts dozens of excellent restaurants, trendy lunch addresses, fun coffee bars – and a local population famed for its love of the good-life and high levels of expectation! All year round the rich aroma of chocolate wafts through the World Heritage city, and countless creative confectioners make hundreds of kilograms of the city’s most famous chocolate, the ‘Brugsch Swaentje’ (Bruges Swan). We invite you to explore and enjoy this wonderful city.

Congress Venue

The 20th Congress of the European Association for Cranio-Maxillo-Facial Surgery (EACMFS) is taking place from Monday, 13 September to Friday, 17 September 2010 at:

**Concertgebouw**
‘t Zand 34
B - 8000 Bruges
www.concertgebouw.be/

**Oud Sint-Jan**
Mariastraat 38
B - 8000 Bruges
www.oudsintjan.eu/
Oud St. Jan

LEVEL 1

18 Strauss
Vivaldi
16-Mozart
12-Morus
15-Beethoven
10-Erasmus
13-Bach
9-Vives
8-Raadkamer
Exhibition
Official Meetings
Timetable
Guest Societies

Meeting with Guest Society - AO
(AO Foundation)

Secondary Orbital Reconstruction

Ancillary procedures - Gregorio Sánchez Aniceto

Role of microvascular free tissue transfer - Eduardo Rodríguez

Technological advances in secondary orbital reconstruction - Nils Gellrich

Posttraumatic orbital deformities are challenging for craniomaxillofacial surgeons. Surgical correction requires adequate preoperative evaluation and meticulous procedures including osteotomies, internal orbital reconstruction, transnasal wiring, etc. Computer-assisted planning, navigation, intraoperative and postoperative imaging are valuable tools in these cases. Microvascular free tissue transfer is crucial in expert hands for severe cases.

Meeting with Guest Society - JSOMS
(Japanese Society of Oral and Maxillofacial Surgeons)

Reconstructive Oral Implantology

Oral Rehabilitation in Patients with Odontogenic Tumors - George Sekine

The present paper describes various functional oral rehabilitation technique using osseointegrated implants in the patients with odontogenic tumors.

Orthognathic Surgery - Jun Shimada

SSRO, LeFortI and segmental osteotomy with Piezo electric device. With it, mandibular nerve damage can be avoided almost completely.

Tuesday, 14 September 2010
14.00 - 15.30
Concertgebouw, Concert Hall

Wednesday, 15 September 2010
09.30 - 11.00
Concertgebouw, Studio 2
Meeting with Guest Society - ACMF
(Advanced Cranio-Maxillofacial Forum)

ACMF Satellite Symposium on Mandibular Reconstruction

Introduction: Alexander Schramm,
Chairman of the ACMF Europe

The Evolution of Free Flaps in Mandibular Reconstruction - A 30 Year Perspective - Richard Hayden
Preformed Alloplastic Mandibular Reconstruction in Tumors and Osteonecrosis - Alexander Schramm
Microvascular Mandibular Reconstruction - Eduardo D. Rodriguez
Two Stage Approach to Mandibular Reconstruction In Cancer Patients - Nils-Claudius Gellrich

Meeting with Guest Society - ASMS
(The American Society of Maxillofacial Surgeons)

Asms Forum

Introduction: Mimis Cohen, President of ASMS

Anatomy of a Smile and Correction of Lower Facial Aesthetics - Andrew Wexler
The confluence of lower facial anatomy with our perceptions of beauty helps create the beautiful smile. Techniques to improve lower facial harmony will be presented.

Neonatal Distraction for Obstructive Sleep Apnea: The Children’s Hospital of Los Angeles Experience - Mark Urata
This abstract summarizes the experience in 30 consecutive patients who underwent neonatal mandibular distraction for upper airway obstruction. We present the algorithm and results deployed at Children’s Hospital Los Angeles.

Functional and Aesthetic Correction of Residual Cleft Nasal Deformities - Mimis Cohen
Functional and aesthetic evaluation and treatment of residual unilateral cleft nasal deformities will be discussed in detail based on our multidisciplinary protocols and personal experience with over 300 cases.
Meeting with Guest Society - IBRA
(The International Bone Research Association)

Fractures of the Mandibular Condyle - Basic Considerations and Treatment

Chair: Johannes Kleinheinz, Münster / Germany

**Approaches and Fixation Strategies for Condylar Neck Fractures** - Astrid Wilk
**Biomechanics and TCP-Plates in Condylar Neck Fractures** - Christophe Meyer
**ORIF in Condylar Head Fractures: Treatment Rationale and Management** - Andreas Neff

**Round Table:** Johannes Kleinheinz, Astrid Wilk, Christophe Meyer, Andreas Neff, Todd M. Brickman

The IBRA Satellite Symposium will comprise state-of-the-art knowledge, experience, statements and strategies regarding the difficult treatment of condylar fractures. Basic considerations and innovative treatment concepts based on a significant knowledge and expertise in treatment of condylar fractures will be presented and reviewed during the subsequent podium discussion.

Meeting with Guest Society - AAOMS
(American Association of Oral and Maxillofacial Surgeons)

**Understanding Oral Cancer in the Genome Era**

Brian L. Schmidt

I will review state-of-the-art genomic and proteomic techniques, as well as technologic advances that will improve oral cancer patient survival.
Meeting with Guest Society - The Korean Cleft Palate Craniofacial Association

Cutting Edges of Aesthetic Facial Bone Surgery in Korea

Moderators: Kyung S Koh, Rong Min Baek

- Introduction of Aesthetic Facial Bone Surgery in Korea - Rong Min Baek
- Correction of Prominent Zygoma with Malar Reduction - Doo Byung Yang
- Correction of Prominent Mandibular Angle with Mandible Reduction - Byung Chae Cho
- Soft Tissue Analysis of Aesthetic Two Jaw Surgery Using 3D Camera in Asian People - Jong Woo Choi
- Aesthetic Jaw Surgery for Facial Contour Change in Asian People - Hoon Jin

Meeting with Guest Society - VWHHT
(Vlaamse Werkgroep voor Hoofd en hals Tumoren)

Annual Scientific Meeting Of The VWHHT

- Value of PET CT in Diagnosis - Laurens Carp
- Value of Diffusion Weighed MRI - Vincent Vandecaveye
- HPV in Oral and Oropharyngeal Cancer: Diagnosis and Precautions - Amanda Psyrri
Meeting with Guest Society - IAOO  
(International Academy of Oral Oncology)  

Functional Reconstruction of Orofacial Defects after Cancer Surgery in the Era of Tissue Transfer and Engineering  

Chairman: Guy Andry  
Moderator: Alexander D. Rapidis  

Reconstruction of Palatal and Midfacial Defects - James S. Brown  
Reconstruction of Mandibular Defects - Joseph Helman  
Re-Exploration and Salvaging of the Compromised Free Flap - Richard E. Hayden  
Future of Tissue Engineering in the Reconstruction of Orofacial Defects after Cancer Surgery - Henning Schliephake
# Pre-Congress Courses

## Trainees Meeting

### MONDAY, 13 SEPTEMBER

**08.30 - 17.15 Concertgebouw, Kamermuziekzaal**

**John Lowry Educational Session:** Intermaxillary fixation techniques in reconstructive, trauma and orthognathic surgery

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| 08.30  | Introduction  
Educational Session - IMF Workshop aims                                                    |
| 09.10-09.20 | Course outline and workshop preparation                                                   |
| 09.20-09.50 | Historical note on intermaxillary fixation                                                   |
| 09.50-10.15 | Concepts – indications - timing. Synopsis of the various techniques.                        |
| 10.15-10.35 | Mechanical properties of metal wires used in IMF.                                           |
| 10.35-11.00 | Coffee break                                                                               |
| 11.00-11.15 | Wiring techniques                                                                           |
| 11.15-11.35 | Splint Types (Obwegeser, Baumarsch, Bern, cap splints, custom made, Gunning splints).    |
|           | Indications, benefits and drawbacks                                                         |
| 11.35-11.50 | IMF screws. types, indications, surgical technique                                         |
| 11.50-12.30 | Tips and pitfalls in panfacial fracture treatment (with an emphasis on fixation methods    |
|           | & temporary fragment reduction with wires)                                                  |
| 12.30-13.30 | Lunch                                                                                      |
| 13.30-13.45 | Circummandibular wiring and suspension techniques                                          |
|           | (supraorbital, infraorbital, zygomatic, piriform aperture, nasal spine suspensions)        |
| 14.45-15.00 | Orthodontic fixation appliances for orthognathic surgery                                    |
|           | (power pins, crimpable hooks, Kobayashi loops, Goshgarian TPA)                             |
| 14.00-15.30 | IMF Workshop                                                                               |
| 14.00-14.20 | Basic wiring techniques                                                                    |
| 14.20-15.00 | Splinting techniques                                                                        |
|           | • Obwegeser splint                                                                         |
|           | • Schuchardt splint, Baumarsch splint                                                      |
| 15.00-15.30 | IMF Screws - Orthodontic microscrews.                                                       |
| 15.30-15.45 | Summary                                                                                     |
| 15.45-17.15 | Trainees administrative meeting                                                            |
|           | Election of new trainee representative to EACMFS                                           |
## Product Training Courses

**MONDAY, 13 SEPTEMBER**

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<td>Concertgebouw, Forum 6</td>
<td>Product Training Course - Synthes Distraction Expert Symposium</td>
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<td>Oud St. Jan, Beethoven</td>
<td>Product Training Course – NobelGuide</td>
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<td>14.00 - 18.00</td>
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<td>Product Training Course - Sawbone Workshop</td>
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Rhinoplasty, Mastering the Headmost Procedure in the Face
Speakers: Abel-Jan Tasman, Peter Hellings

Oud St. Jan - Beethoven

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Skin Cancer. Surgical Management and Reconstruction
Speakers: Peter Ward Booth, Paul Johnson

Oud St. Jan - Mozart

Surgical management:
Aetiology: Most patients develop skin cancer as the result of sun exposure in the fair skinned, elderly (avg. 77 yrs).
Incidence: This is rising with the aging population, and increased UV exposure.
Treatment: Surgical indications: Biopsy; Melanoma, primary resection, wide local resection, sentinel node biopsy, and regional node dissection; Squamous cell carcinoma at most sites, except lower limb / feet where triple curettage may be preferred. Regional node dissection for positive nodes; Basal cell carcinoma, particularly head & neck lesions; Kerato-acanthomas where differentiation between KA & SCC may be impossible clinically; Rarer aggressive skin tumours, like merkel cell lesions. The surgical principles are to remove the lesion, checking microscopically the diagnosis histologically and ensure complete removal. As with most cancers, skin cancer should be treated in a team of surgeons, dermatologists & oncologists.
Reconstruction: This may be achieved in several ways ranging from primary closure local flaps or less frequently free tissue transfer. Orbital, Ear & lips create the hardest challenges. Achieving rapid, aesthetic, complication-free healing is the prime aim.

Reconstruction After Tumour Ablative Surgery
Speaker: Dennis Rohner

Oud St. Jan - Strauss

Defects in the maxillofacial area require reconstructive techniques using bone transplants, soft tissue transfer and implant insertion in order to get adequate oral function and aesthetic outcome. Whether to use free bone grafts or vascularized grafts, whether to insert standard implants or zygoma implants, whether to choose pedicled flaps or free vascularized flaps to close the soft tissue defect is dependent on the size and location of the defect and the general health conditions of every patient. A meticulous preoperative 3D planning and the fabrication of surgical guides and templates leads to predictable good results, especially in defects with extensive loss of bone and soft tissue. In a series of patients the different techniques will be shown and explained, including the prefabrication of fibular flaps.

Practical Aspects of Tissue Engineering
Speakers: Augustinus Bader, Joerg Wiltfang

Oud St. Jan - Morus

To regenerate a tumour related defect or an atropic jaw instead of just repairing it, is the issue of the 21th century. Bone substitutes, which are available on the market today, do not offer osteoinductive properties, on the other hand harvesting of autogenous bone brings up donor site morbidity. Growth factors like platelet rich plasma or bone morphogenetic proteins alone could not fulfill the needs and expectations. In Kiel, as a routine procedure, a stem cell based approach is applied for two years now. More than 30 patients received this kind of treatment. Besides the clinical outcomes, CT-studies and bone biopsies were recorded. The results show a superior outcome compared to patients receiving the standard technique (iliac crest/bone substitute). In conclusion we can state, that the stem cell based approach might help to improve the regeneration techniques and reduce the donor site morbidity.

Deep Plane Facelift with High Suspension versus Superficial Plane Facelift with Low Suspension – 2 Common Strategies
Speakers: Nasser Nadjmi, Maurice Mommaerts

Oud St. Jan - Erasmus

Nasser Nadjmi - In deep plane face lift, an anatomical repositioning of aged facial compartments is achieved.
Maurice Mommaerts - In suspension lifts, force vectors are applied in the problem area, not at a distance.
The treatment of the Temporomandibular Joint (TMJ) Pathology is still controversial. In the same way, the surgical election in TMJ pathology could be polemic, specially in reference to TMJ internal derangement. The aim of this presentation is to provide information on the different aspects of TMJ disc and surgery with influence on this structure. The syllabus of these lectures is:

1.- Anatomy of the TMJ disc; 2.- Functions of TMJ disc and the role of disc in TMJ pathology; 3.- Exploration of the disc; 4.- Approaches in TMJ Arthroscopy; 5.- Arthrocentesis and TMJ Arthroscopy lysis and lavage. Is there any change in disc position?; 6.- TMJ Arthroscopy: Electrocaagulation of the posterior zone; 7.- TMJ Arthroscopy: suture; 8.- Approaches in TMJ Open Surgery; 9.- TMJ Open Surgery: disc plicature; 10.- TMJ Open Surgery: discectomy

**WEDNESDAY, 15 SEPTEMBER, 07.30 - 09.00**

**Orbital Trauma**

**Speaker:** Eduardo Rodriguez

**Oud St. Jan - Beethoven**

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**Immediate Loading in Upper & Lower Jaw, Including Cranial Bone Grafting**

**Speakers:** Lieven Barbier, Calix De Clercq, Johan Abeloos

**Oud St. Jan - Mozart**

In almost every patient whether he is dentate, edentulous or suffers from an extreme atrophy, a temporary fixed bridge can be made within 6 to 24 hours after implantation.
Dentate patients suffering a terminal breakdown and facing total tooth extraction, usually have sufficient remnant bone to immediately place load oral implants.

Edentulous patients with sufficient bone can be treated in a similar one day procedure.

When the jaw is extremely atrophic, first a cranial bonegraft augmentation is performed in combination with the placement of temporary implants and a temporary fixed bridge. After 6 months of healing the temporary implants are replaced by definitive implants with a second temporary bridge.

Final fixed prostheses are made in the upper jaw after 6 and in the lower jaw after 3 months.

Indications, guidelines and tricks will be presented.

**Neck Dissection Techniques**

**Speakers:** Eric Fossion, Miso Virag

**Oud St. Jan - Strauss**

After reviewing the history of Neck Dissection the multiple variations on the basic radical technique will be discussed. Studies of lymphatic tumor spread have shown new ways for regional control. This only became accepted after evidence based results of so-called modified neck dissections (Suarez, Bocca, Ballantyne). Also new guidelines were continuously disturbed by new surgical techniques and by new proposals for adjuvant or curative radio- and/ or chemotherapy.

Radical neck dissection remains the basis of surgical treatment of the neck. From there on we will discuss techniques, complications, oncologic implications and indications of the multiple types of to-day’s limited, conservative and supra-radical neck treatments. All these techniques have their own place, specific indications and limitations. The surgeon must know them all and only choose for the best sake of the patient.

In the context of many multidisciplinary possibilities of tumor treatment the experienced surgeon rather must consider not only the oncologic, but also the functional outcome of his neck operation.

**Cosmetic Surgery on the Eyelids - Blepharoplasty**

**Speaker:** Miguel Burgueño García

**Oud St. Jan - Morus**

We will cover the anatomy and aging physiology of the eyelids. An update of different techniques, how to avoid complications, and finally, my preferences. Blepharoplasty has become the central point in facial rejuvenation surgery. Traditional techniques, despite reaching a great level of satisfaction in many patients, are not the ideal treatment according to the aging process.

Blepharoplasty is not only for the upper eyelid. Current philosophy is that it is possible to approach the upper third of face through the blepharoplasty incision, having the opportunity to treat the corrugator and procerus muscles. Simultaneously, we can perform an eyebrow lift, therefore the aesthetic result will be much better.
In the lower eyelid is not enough to remove the fat bags; we recommend reposition of malar, SOOF and orbital fat, so the patient recovers his/her younger aspect. A canthoplasty have to be down, particularly in old patient to prevent ectropion. Avoiding complications is mandatory to perform a thorough evaluation preoperatively in order to make an accurate selection of patient and the appropriated technique.

Management of Non-syndromic Craniosynostosis & Craniofacial Dysostosis Syndromes

Speakers: Ramon L Ruiz, Timothy A Turvey

Oud St. Jan - Erasmus

The etiology of craniosynostosis is multifactorial and incompletely understood. The condition can be expressed as an isolated finding or can be part of a systemic process, such as Apert or Crouzon Syndromes. The treatment of craniosynostosis is based on the extent of the deformity, not the etiology. The principle of surgery is to release the synostosis and simultaneously construct a normal shape to the skull and orbits. Forehead and orbital esthetics are of primary importance. For the isolated, non-syndromically involved, usually a single operation is adequate. For those with multiple sutures involved or those with syndromes, multiple operations are the norm.

The timing of treatment is based on the intracranial pressure. If there is increased intracranial pressure, surgery is urgent and should not be delayed, since the consequences are irreversible. In the absence of intracranial pressure, surgery can commence when the child is 9 months to 1 year old. By this time, the bone is easier to handle, position, and control postsurgically. This master class will describe current surgical techniques and postsurgical care for improving craniosynostosis. Included will be discussions of the timing and sequencing of treatment.

A-Z Parotidectomy for Novice Surgeons

Speaker: Faustino Acebal-Blanco

Oud St. Jan - Vives

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**Ear Reconstruction**

**Speaker:** Eric Sorrel-Dejerine

**Oud St. Jan - Beethoven**

Acquired defects of the external ear are frequent, and among them removal of skin tumors remain the main etiology, that raise constantly. The peculiar anatomy of the external ear (shape of the cartilage covered by a thin skin) make aesthetic and functional reconstruction difficult to obtain. And each part of the ear: helix, antihelix, concha, lobule will need a specific technic of reconstruction, and all our armamentarium (skin graft, cutaneous flap, chondrocutaneous flap, cartilage graft) will be necessary.

During this presentation we will focused on technical points of these various reconstructions and their complications among a serie of more than 250 cases.

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**Facial Hair Restoration**

**Speaker:** Bijan Feriduni

**Oud St. Jan - Mozart**

**Background:** Since hair transplantation techniques have made some significant changes throughout the years it is important to know pitfalls and key points in facial hair restoration surgery. Both donor harvesting techniques ‘Follicular Unit Strip’ and ‘Follicular Unit Extraction’ have proven their efficiency and are being performed depending on each different indication. Facial hair restoration in particular includes eyelash-, eyebrow-, beard reconstruction, forehead-lifting and partial hair reconstruction after trauma or facial surgery.

**Objective:** The main impetus for facial hair restoration surgery is the naturalness and undetectability of the hair transplant result with planning, design and density as its guidelines as ‘Reframing the face’ is one of the most important aspects for the aesthetic of the face.

**Methods:** ‘FUS’ and ‘FUE’, eyelash-, eyebrow-, beard reconstruction, forehead-lifting

**Results & Conclusion:** The key points of performing “state of the art” facial hair restoration surgery are well-considered planning, natural and undetectable result and sufficient density.

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**Facial Palsy. Lengthening Temporalis Myoplasty and Spontaneous Smile, Fifteen Years Experience**

**Speakers:** David Chwei-chin Chuang, Daniel Labbé

**Oud St. Jan - Strauss**

David Chwei-chin Chuang - From 1986 to 2009, 285 cases of facial paralysis underwent gracilis functioning free muscle transplantation (FFMT) for facial reanimation at Chang Gung Memorial Hospital. The main etiology is due to postoperative complication and Bell’s palsy. Technique evolution for facial palsy reconstruction will be presented. The gracilis FFMT has become
my first choice of muscle for facial animation. Proximal gracilis is trimmed into a trapezoid shape. Muscle size required is measured from outside face into inside face measurement with additional length. Muscle attachment is proximally fixed at infrazygomatic margin and distally to orbicularis muscle. Neurotizer from long cross face nerve graft moves to short one which is anchored at nasolabial fold. The 2nd stage is performed from one year waiting period shortened to half a year. Additional tail for lower lip pulling is considered when lower lip is asymmetry. In the current 3 years from 2007 till now we change the neurotizer from cross face nerve graft to the spinal accessory nerve as a one stage procedure. Since then, the treatment for facial paralysis is extended to postparetic facial synkinesis, bilateral Mobius syndrome, head and neck cancer more challenging cases. The technique evolution has shown encouraging results and achieved rapid restoration for facial palsy.

Daniel Labbé - Since 1994 we have performed more than 150 smile reanimations using the Lengthening Temporalis Myoplasty (LTM). This technique is superficially similar to the technique described by Mc.Laughlin but with some important advantages. Crucially, the temporalis is directly inserted from the alar base to the corner of the mouth without interposition of fascia lata or tendon. This avoids the need to overcorrect at the time of surgery to counteract the inevitable stretching of the non-vascularised graft. Furthermore, the contour deformity that follows the Gillies technique and its modifications is avoided by lengthening the tendon at the expense of the posterior portion by anterior rotation of the muscle. In addition, the line of pull is under the zygomatic, posterior to the plane of the cheek to reproduce the vector on the normal side and avoid a contour defect in the cheek. Finally, by passing directly through Bichat’s fat pad to the nasolabial fold, a gliding plane is present which avoids the tethering sometimes seen with subcutaneous passage of the free flap or fascia lata.

Photodocumentation in CMF Surgery

Speaker: Hans-Pater Howaldt

Oud St. Jan - Morus

In the field of maxillofacial surgery clinical photographs are often very helpful to describe a preoperative condition and to present the postoperative results. These photographs should be taken in a standardized fashion so that the preoperative condition and the postoperative outcome can be described as authentic as possible. The digital technique provides some very useful benefits like the possibility of immediate quality checks of the pictures EACMFS therefore has developed and published a standard for digital photography which will be presented within the Course. Also the most common mistakes and some tools of post-processing of images will be presented to the audience.
Enhancement of Lip and Face Using Non Permanent Fillers, Adjunct to Orthodontics and Surgery

Speaker: Tom Van Eyck

Oud St. Jan – Erasmus

Lip augmentation is practised with increasing frequency by cosmetic practitioners using a variety of different filling substances. Often the result is less than optimal, with a duckbill lip that only serves to discourage other patients from asking for lip enhancement. The authors will present a simple technique to enhance or augment the lip by injecting almost vertically from the white roll, rather than injecting parallel to the lip contour. This fashion of lip enhancement is called “lip tenting”. It is a simple way to have optimal control over both shape and volume in enhancement, especially in patients with asymmetrical lips, lip pockets and in those who require correction from previous suboptimal lip augmentation. Moreover, the aesthetic result obtained by this technique is a more natural appearance of the lip than frequently achieved using conventional methods.

Endoscopically assisted Treatment of Displaced Mandibular Condyle Fractures

Speaker: Professor Dr. Dr. Ralf Schön

Oud St. Jan – Vives

Masterclass sponsored by Karl Stroz

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Microvascular Flap Raising

Speakers: Klaus-Dietrich Wolff, Frank Hoelzle

Oud St. Jan - Beethoven

This masterclass gives an overview of good clinical practise and scientific background of microvascular flap raising. The lecture is divided into two parts. In the first part the most important flaps for our specialty are introduced. The focus lies with anatomical aspects, indications, and examples for surgical applications for the different fasciocutaneous, myocutaneous, osteocutaneous, and muscle only flaps.

In the second part an overview of perforator flaps in Cranio-Maxillo-Facial Surgery is presented. In addition, limitations of microvascular flap transfer are shown and solutions for difficult conditions like the vessel depleted neck are given.

The aim for this masterclass lecture is to encourage beginners to start with microsurgical procedures as an additional option in their patients care. Advanced surgeons can enlarge their technical knowledge. The masterclass therefore is designed for surgeons of both basic and advanced levels of experience.

Biphosphonates Induced Osteonecrosis of the Jaws

Speakers: Joseph Schoenaers, Masahiro Urade

Oud St. Jan - Mozart

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Study Design and Paper Writing in Cranio-Maxillo-Facial Surgery

Speaker: Karsten Gundlach

Oud St. Jan - Strauss

Introduction: It is apparent that there are not many randomized controlled trials published in surgery journals, especially not in maxillofacial ones. And there seems to be a lack of knowledge of how to perform such a study. Therefore this Master Class shall offer some kind of a “cook book”
in presenting some information on how to plan, pursue and publish a well conducted case-control, or better even a randomized control study.

Contents: It will be described how to define a relevant clinical question, to define a research protocol, will describe the way to implement the study plan and how to find sources for funding such a research. It will also explain the various types of study designs, give a very short introduction on statistics, on how to appraise the results achieved, as well as on how to write and to submit a manuscript on such a study.

New Osteotomies, Devices and Vector Control in Distraction Osteogenesis

Speaker: Cesar Guerrero

Oud St. Jan - Morus

Distraction Osteogenesis has innovated the fields of orthodontics and surgery because there is no need for bone graft and could be used for major deficiencies. Also, early surgery and titrated advancements are major advantages with this new technology.

Mandibular advancements greater than 10mm and up to 36mm were accomplished with distraction osteogenesis for patients with inadequate anatomy, temporo-mandibular joint disease, sleep apnea and surgical relapse after previous advancements.

Maxillary movements were precisely predicted according to the patient’s needs. The osteotomy level, design and distractor placement was based on the individual deficiency to correct the maxillary deficiency, either at the Le Fort I or III levels with their modifications.

The disadvantages are: very prolonged treatment time with frequent clinical visits and uncomfortable appliances. New mandibular osteotomies and vector control will be presented.

OSAS

Speakers: Walter Hochban, Adi Rachmiel

Oud St. Jan - Erasmus

The main reason (40%) for obstructive sleep apnea OSA - beside obesity - are craniofacial disorders: mandibular (maxillary) deficiency or dolichofacial type, which lead to dorsocaudal displacement of the tongue- and suprahyoid muscles and thus provoke functional problems with pharyngeal obstruction. Pharyngeal soft tissue changes are consequence of snoring and not the reason, therefore soft tissue corrections are often inefficient.

In patients with OSA and maxillo-mandibulayr deficiency or dolichofacial type – treatment of choice is surgical maxillofacial correction alternatively to conservative treatment with CPAP.

Marburg protocol schedules maxillo-mandibulary advancement as a first step procedure: maxillary advancement by Le Fort-I-osteotomy, mandibulary advancement by bilateral sagittal split osteotomy.

150 patients have been treated according to these principles during the last 20 years. This primary procedure is successful in more than 90% of the cases - success is defined by reduction of respiratory disturbance index RDI <10/h.
Second stage procedures (UPPP or genioglossal advancement) are seldom needed. Long term success at 5-/10-years follow-up yields stable results >90%.

Complementary Fat Grafting
Speaker: Sam Lam

Oud St. Jan - Erasmus

A new era has been ushered in, in which lifting procedures have largely become antiquated methods for facial rejuvenation. Dr. Lam explores the new paradigm of facial rejuvenation using autologous fat transfer and how to perform the procedure. He introduces the aesthetic perception of the aging face and how to conceive of aging differently based on this new model. He further elaborates on the precise method for donor harvesting, processing, and injection of fat to facilitate permanent, safe and natural results.
Combining Strengths To Bring Smiles To Your Patients.

Oral and Maxillofacial surgeons face complex challenges. To meet those challenges, Biomet offers an entire range of solutions for TMJ and oral-reconstruction procedures. Our products provide the latest, most advanced answers to all your needs, from dental implants to plate fixation.

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www.biometmicrofixation.com
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<th>Time</th>
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| 08.30 | Introduction  
Educational Session (John Lowry) - IMF Workshop aims |
| 09.10 - 09.20 | Course outline and workshop preparation |
| 09.20 - 09.50 | Historical note on intermaxillary fixation |
| 09.50 - 10.15 | Concepts - indications - timing.  
Synopsis of the various techniques. |
| 10.15 - 10.35 | Mechanical properties of metal wires used in IMF.  
Twisting Techniques |
| 10.35 - 11.00 | Coffee break |
| 11.00 - 11.15 | Wiring techniques |
| 11.15 - 11.35 | Splint Types (Obwegeser, Baumarsch, Bern, cap splints, custom made, Gunning splints). Indications, benefits and drawbacks |
| 11.35 - 11.50 | IMF screws. types, indications, surgical technique |
| 11.50 - 12.30 | Tips and pitfalls in panfacial fracture treatment  
(with an emphasis on fixation methods & temporary fragment reduction with wires) |
| 12.30 - 13.30 | Lunch |
| 13.30 - 13.45 | Circummandibular wiring and suspension techniques  
(supraorbital, infraorbital, zygomatic, piriform aperture, nasal spine suspensions) |
| 14.45 - 15.00 | Orthodontic fixation appliances for orthognathic surgery (power pins, crimpable hooks, Kobayashi loops, Goshgarian TPA) |
| 14.00 - 15.30 | IMF Workshop |
| 14.00 - 14.20 | Basic wiring techniques |
| 14.20 - 15.00 | Splinting techniques  
• Obwegeser splint  
• Schuchardt splint, Baumarsch splint |
| 15.00 - 15.30 | IMF Screws - Orthodontic microscrews. |
| 15.30 - 15.45 | Summary |
| 15.45 - 17.15 | Trainees administrative meeting  
Election of new trainee representative to EACMFS |
TUESDAY 14 SEPTEMBER 2010

07.30 - 09.00
Masterclasses

09.30 - 11.00
Emperor Charles V - A Notorious Prognath
Introduction: Luc Smets
Speaker: Alexander Hemprich

11.00 - 11.30
Coffee Break & Exhibition

11.30 – 12.30
Oral Abstract Sessions
CLEFT SURGERY
Introductory Keynote.
Primary Unilateral Cleft Lip Surgery. A 3 Dimensional Approach
Srinivas Gosla Reddy

ART IN CRANIO-MAXILLO-FACIAL SURGERY
Introductory Keynote
Elegance and Microsurgery
Sylvie Testelin

SURGERY FOR FACIAL PARALYSIS
Introductory Keynote
Technique Evolution for Facial Paralysis
Reconstruction Using Functioning Free Muscle Transplantation
David Chwei-Chin Chuang

ORBITAL PATHOLOGY
Introductory Keynote
Endocrine Orbitopathology
Luigi Clauser

RHINOPLASTY: AESTHETIC AND FUNCTIONAL

Lunch & Exhibition

12.30 - 14.00

14.00 - 15.30
Oral Abstract Sessions

RECONSTRUCTIVE SURGERY OF CRANIOFACIAL MALFORMATIONS
Introductory Keynote.
Vascular Tumours and Malformations of the Head and Neck in the Paediatric Patient. Current Management Options
Juan-Carlos Lopez-Gutierrez

SALIVARY GLANDS: SURGERY AND PATHOLOGY
Introductory Keynote.
Total Parotidectomy or Tumorectomy for Parotidal Mixed Tumour - A Meta Analysis
Faustino Acebal-Blanco

Meeting with Guest Society
AO Foundation
SECONDARY ORBITAL RECONSTRUCTION
Moderator: Gregorio Sánchez Aniceto
Speakers: Eduardo Rodriguez, Nils Gelrich
The accepted posters will be displayed on different touch screens located in the Exhibition tent and on the first floor of the Concertgebouw during the whole duration of the congress. An E-Poster Café will be available on the first floor of the Concertgebouw to allow for comfortable viewing.

The E-Poster topics are:

- Art and History in Cranio-Maxillo-Facial Surgery, Beauty and Psychology
- Benign Lesions of the Facial Bones
- Biphosphonate Related Disease
- Cranio-Maxillo-Facial Traumatology
- Embryology and Pre-Natal Diagnosis of Craniofacial Malformations
- Facial Reconstructive Surgery
- Facial Rejuvenation
- Imaging, Simulation and Navigation
- Medical Oncology
- Microsurgical Reconstruction in Head and Neck
- Obstructive Sleep Apnea
- Orbital Pathology
- Orthognatic Surgery
- Osteosynthesis Materials
- Preprosthetic Implantology and Surgery
- Reconstructive Surgery for Cleft Deformity and Craniofacial Malformations
- Salivary Glands, Surgery and Pathology
- Skin Tumours of the Head and Neck
- Skull Base Surgery
- Surgery of the Nose and Paranasal Cavities
- Surgery of the Oral Cavity
- Surgical Head and Neck Oncology
- Temporomandibular Joint Pathology and Surgery
- Tissue Engineering and Cell Therapy
- Training and the Web
Programme Highlights

Plus Ultra - special features:

- Cosmetic Surgery and Medicine
- Facial Paralysis
- Facial Rejuvenation
- Nasal Reconstruction and Rhinoplasty
- Medical Oncology
Social Programme
for Participants & Accompanying Persons

Please make sure to wear your badge at all social events.
Accompanying persons must be registered to attend the social events.
Vegetarian food will also be served at all social events.

Opening Ceremony
Date: Tuesday 14 September 2010
Place: Concertgebouw
Time: 17.00 - 18.00
Dress Code: Business attire

The Opening Ceremony in the Concertgebouw (Concert Hall) of Bruges, will provide you with a fantastic experience of a spectacular acrobatic air spectacle and a unique and elegant choreography.

The air spectacle will be followed by the official opening of the XX EACMFS Congress by Professor Maurice Mommaerts, President of the XX EACMFS Congress.

Finally the scene is laid in the spacious imperial chamber of Charles Quint in the year 1540. The metamorphosis of Emperor Charles Quint is a music, light and historical all round performance from author and composer Steef Verwee. Cast ‘The Fondation Emperor Charles V’. Directed and supervised by Jan Ramaekers.

Presidential Reception
Date: Tuesday 14 September 2010
Place: Provincial Government Palace
Time: 19.30 - 21.00
Dress Code: Business attire

Afterwards, we invite you to the Neo Gothic Provincial Government Palace, to celebrate the commencement of the XX EACMFS Congress.

Please note that attendance to the Opening Ceremony and Presidential Reception is included in the registration fee for registered participants and accompanying persons. However, as the number of invitations for the Presidential Reception is limited by the size of the Provincial Government Palace, you must be pre-registered to attend this social function!
Gala Dinner

Date: Thursday 16 September 2010  
Place: The Belfry & Halls  
Time: 19.30 - 23.00  
Dress Code: Business attire  
Ticket price: EUR 130.00 + 21% VAT

The Belfry & Halls (13th century) is widely considered to be Belgium’s finest, with a fantastic carillon that has been in use for almost eight centuries. The halls of this 260-foot-high tower been chosen as the location of the Gala Dinner on Thursday the 16 September, where the carillon will play special arrangements for the EACMFS participants. Enjoy the Belgian hospitality and of course the famous gastronomic talent in this historical setting.

The Belfry & Halls  
Markt 7, B - 8000 Bruges
A special selection of tours has been designed exclusively for the EACMFS 2010 Congress participants and accompanying persons. A different and varied social programme has been planned every day to show you a little bit more of Belgium’s character, mentality and environment. The tours include the services of a guide and all entry fees (unless otherwise specified). All tours are conducted in English. The tours are based on a minimum number of participants. The organizers reserve the right to cancel any tours for which there is insufficient demand. Full payment in advance is necessary for the optional programme.

Tour Departures
All tours depart from and arrive at the main congress venue; the Concertgebouw (unless otherwise specified). Please be present 15 minutes before actual tour departure time.

Dress Code
Remember to dress appropriately and to bring an umbrella (average temperature 13°C/54°F - 21°C/72°F).

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<tr>
<td>09.00 - 16.00</td>
<td>Brussels: Yours To Discover</td>
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<td>00.00 - 00.00</td>
<td>Golf Tournament</td>
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<td>09.00 - 16.30</td>
<td>Bruges Surroundings: Experience Damme &amp; Knokke</td>
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<td>08.30 - 18.00</td>
<td>Visit Ypres, Diksmuide and Vladslo</td>
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<td>08.30 - 16.30</td>
<td>Antwerp: City of Diamonds</td>
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<td>10.00 - 15.00</td>
<td>Belgian Cooking Class</td>
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<td>08.00 - 16.00</td>
<td>Bruges City Immersion</td>
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<td>Bruges in 5 Senses</td>
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<td>16.00 - 23.00</td>
<td>Ghent Tour</td>
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Half Day Tours & Activities

Bruges City Immersion

**Date:** Sunday, 12 September 2010  
**Time:** 14.00 - 17.00  
**Meeting Point:** Main entrance of the Concertgebouw  
**Tour Fare Per Person:** EUR 38.00 + 21% VAT

**Date:** Monday, 13 September 2010  
**Time:** 09.00 - 14.00  
**Meeting Point:** Main entrance of the Concertgebouw  
**Tour Fare Per Person:** EUR 73.00 + 21% VAT (morning tour including lunch)

‘Brugge, die skoone’, as it is called in the old local dialect, quite rightly describes this city; beauty just seems to pour from the walls of this picturesque town. The historic centre still exudes the atmosphere of the late middle ages, with streets, avenues and buildings in their original state or magnificently restored. It is no surprise that the small ‘heart’ of Bruges has been included on UNESCO’s World Heritage list.

This guided tour through the town centre is more than sightseeing. It is a fascinating cultural journey which leaves a lasting impression. Escorted by an experienced guide, you will explore the narrow cobbled streets which are often kept traffic-free. There are many stepped façades, typical of the neo-Gothic style in which the heart of the city was built. You will discover the famous Bruges lace, the statue of the medieval heroes Jan Breydel and Pieter De Coninck in the Grote Markt, and the three surviving city gates.

The Minnewater, with its legendary swans, flows out through the ‘Reien’ dozens of canals which meander through the historic heart of Bruges. During a unique boat trip on these city waterways you will see for yourself that Bruges richly deserves its fame as the ‘Venice of the North’.
Bruges Art Tour

Date: Monday, 13 September 2010  
Time: 14.00 - 16.00  
Meeting Point: Main entrance of the Concertgebouw  
Tour Fare Per Person: EUR 65.00 + 21% VAT

An artistic city tour that allows you to literally walk into the homes of local artists. They will tell you about their lives, their passions and give you a unique ‘behind the scenes’ look at their work. The participating artist visits include a visionary airbrush artist, a letter sculptor, an abstract painter, an artisan glass blower and a calligraphist. At every stop, you will be served a bite to eat and a drink.

Bruges in 5 Senses

Date: Tuesday, 14 September 2010  
Time: 14.00 - 17.00  
Meeting Point: Main entrance of the Concertgebouw  
Tour Fare Per Person: EUR 95.00 + 21% VAT

A surprising walk that will stimulate your senses…Your ears will hear a private concert, you will visit the best chocolate maker in Bruges who will teach you how to smell chocolate and of course taste it. You will also see how a renowned jewel maker cuts diamonds and finally, you will enjoy a relaxing hand massage.

Excursion to Ghent

Date: Wednesday, 15 September 2010  
Time: 16.00 - 22.30  
Meeting Point: Main entrance of the Concertgebouw  
Tour Fare Per Person: EUR 140.00 + 21% VAT

Ghent is the native medieval town of Keizer Karel, alias Charles V, born in the year 1500. We invite you to come and visit this splendid city with a rich cultural and gastronomic tradition. Forget the boring, traditional city-visit and let us present a magnificent event packed with special guests and exciting features! With the enthusiastic and energetic graduate students of the Ghent
translation school as our guides, we make our way through the medieval Ghent of Charles V.

You will be welcomed by the choir of the Opera of Ghent, where forty choristers will bring to life the music from the first part of the 16th century. From the Prinsenhof (the princes’ court), we will stroll to the Patershof, the impressive and historical centre of Ghent. In the narrow, traffic-free streets and inner courts we will meet various street artists and we will have the opportunity to taste the local gourmandises. From there we will go to the medieval castle, the Gravensteen, where a splendid Renaissance show with music and dance in authentic costumes will give us a glimpse of the life at the court of Charles V. The youngsters of the local circus school will lead us along the old fish auction and meat market, where typical regional products can be tasted and purchased.

The apotheosis of the event takes place in the Pand, the beautiful Abbey of Sint Michiel, where we continue the evening in style. Charles V is represented through a range of musicians and animations that feature as the entertainment during the walking dinner. The proud city of Ghent, together with Charles V himself, will be delighted to welcome you at this special event. Cultural, gastronomic and folkloristic themes will be represented during this late afternoon visit and evening spectacle!

**Belgian Cooking Class**

**Date:** Thursday, 16 September 2010

**Time:** 10.00 - 15.00

**Meeting Point:** Main entrance of the Concertgebouw

**Tour Fare Per Person:** EUR 135.00 + 21% VAT

Why not try Belgian cooking yourself? You can have an exclusive cooking class in a great setting. After a 10-minute drive you will arrive at Wit Huys, and while enjoying a welcome drink, the chef will help you discover the Belgian way of cooking where you can learn while having fun. The cookery class takes place in the morning and includes lunch, which you will have prepared yourself. With a professional chef at your side, you and a small group will prepare a typical Belgian 3-course meal, learn about the wines that match these dishes, and join together around the table d’hôte. Bon Appétit!
Full Day Tours & Activities

Brussels Yours to Discover

Date: Sunday, 12 September 2010
Time: 09.00 - 16.00
Meeting Point: Main entrance of the Concertgebouw
Tour Fare Per Person: EUR 73.00 + 21% VAT

Brussels, the capital of Belgium and Europe, is the meeting point of diverse architectural, literary, historical and cultural currents. With the help of our professional guides, you will discover the city’s history, geography, economy, cultural and social life. Driven by coach you will discover Laeken, the residential and royal commune with its historical castles that form the private residence of the Royal Family of Belgium (visits inside the residence are not permitted) and its famous Greenhouses (open in late April and early May). Also in this area you will see the site of the World Exhibition, the Trade Mart, the Planetarium and Brupark – Mini Europe, all dominated by the impressive Atomium. Next, you will visit the Chinese Pavilion, the Japanese Tower, and the Church of Our Lady of Laeken and its famous cemetery. During the drive through the European district, at the edge of the Cinquantenaire Park built under Leopold II, your guide will outline the European functions of Brussels.

Then you will discover the Louise district, with its designer shops and the gigantic Palace of Justice. The tour continues to the Sablon district, a 15th century ensemble with its small garden paying homage to the great Humanists of the 16th century, the different Guilds (medieval trades), and its late Gothic masterpiece, the Church of Our Lady of Sablon. Via the Royal District with its Palace and Park, the Parliament buildings and the Congress Column, we will descend smoothly to the lower town and its famous Grand Place. During the second part of this excursion, you will discover by foot (pedestrian zone) the Hôtel de Ville (Town Hall) surrounded by Guild Houses, Manneken Pis, the most famous citizen of Brussels, and finally the winding little streets of the Ilôt Sacré. There will be time to have a leisurely lunch and enjoy some free time before heading back to Bruges.
Golf Tournament

**Date:** Monday, 13 September 2010  
**Time:** TBC  
**Meeting Point:** TBC  
**Tour Fare Per Person:** EUR 160.00 + 21% VAT (includes green fee, transportation & participation to the evening barbecue)

Enjoy a nice golf day at the Royal Zoute Golf Club, one of the oldest (1899) and certainly one of the most popular Belgian Golf Clubs. Created in a superb landscape of pine, hawthorn hedges, silver birch and poplar trees, the Zoute fairways seem to navigate between waves of dunes. Nestled in a slightly wild landscape, the club offers two courses. ‘l’Exterieur’ (Championship Course), with its reputation for being selective, particularly in high winds, and ‘l’Intérieur’ (Executive Course), an executive course. Greens noted for their quality and a comfortable clubhouse are just two of the attractive features of this golf club. For more information about the Royal Zoute Golf Club, we invite you to visit the club’s website. www.zoute.be

Bruges Surroundings: Experience Damme & Knokke

**Date:** Tuesday, 14 September 2010  
**Time:** 09.00 by bike, 10.00 by bus. Return. 16.30  
**Meeting Point:** Main entrance of the Concertgebouw  
**Tour Fare Per Person:** EUR 94.00 + 21% VAT

Just outside the historic heart of Bruges, there is also a lot to discover. By bike or from the bus shuttle, you can admire the unique sight of The Damse Vaart, a canal which links Bruges with Sluis in the Netherlands, was excavated in 1810 on the orders of Napoleon and it is lined with an impressive row of trees on both sides. After the bike tour or the bus transfer, a guide will take you to explore this picturesque medieval town. You will see the Gothic Town Hall, the statue of local medieval writer Jacob van Maerlant and the Church of Our Lady, one of the many famous landmarks in the Bruges district. After an authentic farmhouse lunch in De Stampershoeve, the bus will take you to the stylish beach town of Knokke.

Knokke is a flourishing seaside town with two distinct sides, so we offer you the choice between shopping or an afternoon nature walk. In Knokke you can shop 'till you drop in the town centre. On the Lippenslaan, the Kustlaan and the Zeedijk in particular, the range of exclusive brands is paradise for a true shopper. Lacoste, Bruphils, Donaldson, Façonnable, Hermès, Natan, Louis Vuitton, Xandres, Olivier Strelli and Scapa to mention a few. At Het Zwin you will see the other side of Knokke. This bird sanctuary and nature reserve extends along a 2.3 km stretch of coastline on the Dutch-Belgian border. Over the years, it has grown into a nesting place for many fascinating birds, such as storks. Although the greater part of the reserve is not open to the public, we can take you for a walk along the raised dyke from which you can see the nesting sites without disturbing the birds. In Het Zwin, you can
see the birds up close and an ornithologist guide will tell you all you want to know about the sanctuary. After the walking or shopping tour, the bus will take you back to Bruges.

Antwerp: City of Diamonds

**Date:** Thursday, 16 September 2010  
**Time:** 08.30 - 16.30  
**Meeting Point:** Main entrance of the Concertgebouw  
**Tour Fare Per Person:** EUR 70.00 + 21% VAT

Much like the diamonds, Antwerp sparkles with an impressive range of architecture from medieval buildings to the Art Nouveau styles. After a one hour drive, the bus will drop you off near the Groenplaats (Market Square) where you will be guided through a 2-hour walk. You will discover how the city grew from a small rural village to the perfect city trip destination. You will walk by Het Steen Castle (11th century), the Antwerp Cathedral, the impressive Renaissance City Hall and other historical monuments that put together the splendor of this city in the 16th century.

Walking through the narrow streets of the historic city centre, you will get a good idea of how the settlement developed into a world famous metropolis. The Vleeshuis (Meat House) Museum, elegant guild houses and legendary heroes each tell the story of this enchanting place and the people who lived here. The highlight of this walking tour is a visit to the Cathedral of Our Lady that harbors 4 master pieces of Pieter Paul Rubens, Antwerp's most famous cultural and political ambassador. You will have time for a leisurely lunch and enjoy some free time to shop or visit the Rubens House before heading back to Bruges.

Visit Ypres, Diksmuide and Vladslo

**Date:** Friday, 17 September 2010  
**Time:** 08.30 - 18.00  
**Meeting Point:** Main entrance of the Concertgebouw  
**Tour Fare Per Person:** EUR 92.00 + 21% VAT

In the morning, the bus will drive from Bruges to Ypres (45 minutes). You start the visit with a guide in the old city centre, viewing the Cloth Hall, Town Hall, St. Martin’s Cathedral, St. George’s Memorial Church, Old Fish Market, the Menin Gate and the ramparts… as well as the completely renewed peace museum in Flanders Fields. The battlefields around Ypres are some of the most famous in the world. After the museum visit, we stop in a local restaurant for lunch. Our next stop is Vladslo, a German cemetery, because of its remarkable symbolic statue, ‘The Mourning Couple’ from Käthe Kollwitz. Our last stop is Diksmuide, where we will visit a last reminder of the trenches from the First World War, the IJzertoren (The Iron Tower), built in memory of the Battle of the IJzer. On top of this tower, with the inscription A.V.V - V.V.K. (All for Flanders - Flanders for Christ), you can enjoy the beautiful panorama of the Flemish landscape.
Accommodation Information

The congress offers discounted bedroom rates in various hotels. All hotels are located in and around Bruges and some are within walking distance of the main congress venue.

<table>
<thead>
<tr>
<th>HOTEL</th>
<th>SINGLE ROOM</th>
<th>DOUBLE ROOM</th>
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<tbody>
<tr>
<td>5 STAR</td>
<td>EUR 279.00</td>
<td>EUR 304.00</td>
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<tr>
<td>4 STAR</td>
<td>EUR 120.00 - 295.00</td>
<td>EUR 125.00 - 320.00</td>
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<tr>
<td>3 STAR</td>
<td>EUR 79.00 - 160.00</td>
<td>EUR 79.00 - 185.00</td>
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<tr>
<td>2 STAR</td>
<td>EUR 70.00</td>
<td>EUR 75.00</td>
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For more information about accommodation please visit the Hotel & Tour Desk located next to the Registration Desk in the main entrance hall of the Concertgebouw.

General Information

Access/Security

Participants and accompanying persons are requested to wear their badges at all times, during the congress, social events and functions. Please do not leave any of your personal belongings unattended during the Congress. A cloakroom is available at the Concertgebouw, the main congress venue, right behind the main registration desk. (Ticket costs. EUR 3.00)

Airport Transportation

Zaventem Brussels International Airport (BRU) The Brussels international airport is located approximately 100 kilometers from Bruges.

- **By Train.** Every 15 minutes from Brussels Airport to Bruges — change at Brussels South Station — the trip takes 1h20 minutes. For more information, please visit www.b-rail.be
- **By official Taxi,** estimated rate is EUR 190.00 per car
- From Paris North in 2 hours 40 minutes (Thalys) — direct train
- From Amsterdam Central Station in 3 hours (Thalys) — change train in Antwerp Central Station
- From London St Pancras in 2 hours and 50 minutes — change at Brussels South Station (Eurostar)
Banks
The official currency in Belgium is Euro (€). All major credit cards are accepted in hotels, restaurants and shops. Banks are open Monday through Friday, 09.00-16.00 and are closed on Saturdays, Sundays and holidays. Many smaller branches may close at lunchtime, between 13.00 and 14.00.

Car Parking
Bruges is a compact city. Most places of interest are within walking distance of your accommodation. In order to keep the historic city centre attractive and accessible, aboveground parking in the city centre is limited to a maximum of 4 hours in the Blue Zone and to 2 hours in the Pay & Display Zones. You can easily park your car in one of the underground car parks where you will pay a maximum of EUR 8.70 for 24hrs. The most inexpensive and largest car park is next to the railway station: the EUR 2.50 charge per day includes a bus transfer with De Lijn to the city centre. These buses leave every three minutes.

Car Park Centrum-Zand
- Capacity: 1400 places
- Opening times: Sunday-Thursday: 7.00 AM-1.00 AM. Friday-Saturday: 24/24hrs
- Rates: Day rate: maximum EUR 8.70/24hrs
  Evening rate: maximum EUR 2.50 (from 19.00 to closing time).

Car Park Centrum-Station
- Capacity: 1500 places
- Opening times: 24/7
- Rates: EUR 0.50 per hour (maximum EUR 2.50/24hrs)

Certificates of Attendance
Personalised certificates of attendance are provided at the main registration desk at the Concertgebouw from Wednesday, 15 September as of 14h00 until Friday, 17 September until 14h00.

Climate
The climate in Belgium is moderate maritime, it is seldom too hot or too cold. Summer temperatures average from 13°C/54°F - 21°C/72°F and winter temperatures averages from 0°C/32°F - 6°C/43°F. In Bruges, the average temperature in August to September is between minimum 10-11°C / 50-52°F and maximum 19-21°C / 66-70°F.

Congress Dates & Venue(s)
All scientific sessions are held at the Concertgebouw, from Monday, 13 September to Friday, 17 September 2010. All masterclasses will be held at the Oud St. Jan from Tuesday, 14 September to Friday, 17 September 2010.
For any inquires about the congress programme and/or social events, tours or hotels please contact the PCO Secretariat Staff at the registration and information desk located in the main entrance hall of the Concertgebouw.

For detailed congress information, we invite you to visit the official congress website at www.eacmfs-2010.org

All major cards are accepted (Visa, MasterCard, American Express, Diners Club and Eurocard) as well as Traveller’s Checks. ATM machines are available throughout the city.

Credit card stop:
MasterCard: +32-7 034 43 55  American Express: +32-2 676 21 21
Visa: +32-7 034 43 55  Diners Club: +31-2 206 98 00

The currency in Brussels, Belgium is the Euro (EUR - €). Euro notes are issued in denominations of 5, 10, 20, 50, 100, 200 and 500. Coins come in denominations of 2 & 1 Euro, and 50, 20, 10, 5, 2 and 1 cent pieces.

Many foreign exchange offices are open on Sundays. Foreign exchange traffic is not regulated, but please note that some exchange offices might refuse 500 € notes. There is no limit on the amount of foreign currency which may be brought in or out of the country.

Business attire is requested for all Congress functions and social events (including the Gala Dinner).

The electricity power supply in Belgium has 220 Volt (standard European plug).

If you or any other delegate is unwell, an accident occurs or any other emergency, while at the Concertgebouw, Oud St. Jan or Exhibition, a First Aid Service will be available to assist.
Emergencies telephone numbers:
Accident / Aggression: 112    Pharmacy on duty: +32-9 001 05 00
Ambulance & Fire: 100       Police: 101

Exhibition
An exhibition is held on ‘t Zand right in front of the main congress venue, the
Concertgebouw.

Opening hours:
Tuesday, 14 September 2010  09.00 - 18.30
Wednesday, 15 September 2010 09.00 - 16.00
Thursday, 16 September 2010  09.00 - 18.30
Friday, 17 September 2010    09.00 - 14.00

Insurance
It is strongly recommended that participants take out adequate cover for
health, travel and private liability insurance. The organisers cannot accept
responsibility for personal injury, loss or damage to private property belonging
to the congress participants and accompanying persons.

Internet Café
Participants have access to Internet facilities in the Exhibition tent, during
the official Exhibition opening hours located on ‘t Zand, right in front of the
main congress venue, the Concertgebouw.

Lost Property
If you see any unattended items or objects, please report immediately to one of
the congress staff members. Should you lose anything at the Concertgebouw,
Oud St. Jan or the Exhibition, please enquire at the registration desk where
any lost property will be held.

Mobile Phones
In Belgium, mobile phones use the frequency bands GSM-900 and GSM-1800.
An overview of the available networks can be found at www.gsmworld.com/
roaming/gsminfo/cou_be.shtml. As a courtesy to other participants, please
turn off your mobile phone when entering any of the meeting rooms.

Medical Help
  • Doctors on duty: 19.00 - 8.00; Tel: +32 78 15 15 90
  • Pharmacists on duty; Tel: +32 900 10 500
  • S.O.S. Emergency Service; Tel: 100
  • Poisons Advice Centre; Tel: +32 70 245 245

Hospitals
A.Z. St.-Jan; Tel: +32 50 45 21 11
St.-Lucas; Tel: +32 50 36 91 11
St.-Franciscus Xaveriuskliniek; Tel: +32 50 47 04 70
Name Badges, Tickets and/or Vouchers

For security purposes, participants, accompanying persons and exhibitors must wear their name badges at all times during the congress. Entrance to the Concertgebouw, Oud St. Jan and Exhibition is limited to badge holders only. Replacement of lost name badges can be requested at the registration desk. Tickets and/or vouchers for social events and excursions are issued to participants and accompanying persons who have booked for these events. Tickets and/or vouchers should be presented at events and excursions.

Official Language

The official language of the congress is English. No simultaneous translation will be provided.

Photographer

An official photographer is present during the congress. Photographs will be available on the event’s website after the event. By registering you agree to have your picture taken.

E-Posters

The accepted posters will be displayed on different touch screens located in the Exhibition tent and on the first floor of the Concertgebouw during the whole duration of the congress. An E-Poster Café will available on the first floor of the Concertgebouw to allow for comfortable viewing.

Preview Room

A preview room (Speaker Ready Room) is available for all speakers, chairs and moderators to check/finalise their audiovisual presentations for the respective sessions.

Registration and Information

The registration desk is located at the main entrance of the Concertgebouw. On-site registrations to the congress or any additional tour bookings will only be accepted with the presentation of a valid credit card.

Opening hours:

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<tr>
<th>Day</th>
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<tr>
<td>Monday, 13 September</td>
<td>07:30 - 19h00</td>
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<tr>
<td>Tuesday, 14 September</td>
<td>06:30 - 18h30</td>
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<td>Wednesday, 15 September</td>
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<td>Friday, 17 September</td>
<td>07:00 - 14.00</td>
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When registering at the Concertgebouw, please bring your official registration confirmation, which will entitle you to collect your congress documentation, tickets and/or vouchers.
The registration fee for participants includes:
• Attendance at scientific sessions to be held in the Concertgebouw
• Access to the exhibition
• All printed material & a congress kit
• Refreshments on all congress days
• Opening Ceremony & Presidential Reception on Tuesday, 14 September

The registration fee for accompanying persons includes:
• Access to the exhibition
• Refreshments on all congress days
• Opening Ceremony & Presidential Reception on Tuesday, 14 September

Additional payment is required for:
• Gala Dinner at the Belfry & Halls on Thursday, 16 September
  (Reservation required: EUR 130.00 + 21% VAT)
• Fees for tours, excursions and other miscellaneous expenses

Restaurants
Every type of gourmet cuisine in the world is on the menu in Belgium. You can delight in fine chocolates, munch on Belgian fries with mayonaise, savour fresh mussels from the North Sea and then wash it all down with the country’s diverse variety of beer – over 500 available. Anyway you slice it, everyone leaves the table satisfied. For more information on restaurants please visit www.brugesrestaurants.com

Services for the Disabled
The Concertgebouw, Oud St. Jan and Exhibition are accessible to delegates with disabilities.

Shopping
Store hours are Monday - Saturday, 10.00-18.00. Taxes are always included in the price. Take a stroll around the main streets of Bruges and in no time at all you will encounter endless shopping opportunities, both large and small. With Belgian chocolate, lace and antiques being at the top of the shopping lists of many a tourist, Bruges is also a great place to sample some truly authentic Belgian beer. The best selection of shops in Bruges are centred around the busy shopping street of Steenstraat, next to the Markt, Kemelstraat and Zilverstraat. Also close by, check out the shops lining the Geldmuntstraat, the Mariastraat, the Muntpoort and the Oude Burg.

Smoking Policy
The congress is smoke-free and smoking is not permitted in the congress venues and Exhibition.

Taxes & Tipping
Tipping is not required in restaurants, bars, taxis and for most other services, as service charges are normally included in the price. For exceptional services, a small tip is welcomed.
Taxis
Taxi Ranks are available at the following places:
• Markt, Tel: +32 50 33 44 44
• Stationsplein, Tel: +32 50 38 46 60

Time
GMT +1 (GMT +2 from the last Sunday in March to the last Sunday in October). Belgium is six hours ahead of Eastern Standard Time and nine hours ahead of Pacific Standard time.

Disclaimer
All reasonable endeavours will be made to hold the 20th Congress of the European Association of Cranio-Maxillo-Facial Surgery and to present the printed programme as scheduled under circumstances which assure the comfort and safety of the congress participants. However, neither the European Association of Cranio-Maxillo-Facial Surgery nor any of its employees, representatives or agents, shall have any liability to any person as a result of any cancellation of the congress or any of the arrangements, programmes or plans connected therewith or any loss, injury, damage or inconvenience which may be suffered by any person while travelling to or from, or during such person’s presence in, Belgium in connection with the congress. Participants are advised to consider procuring their own insurance against any such occurrences.
Faculty

Johan Abeloos  Belgium
Faustino Acebal-Blanco  Spain
JulioAcero  Spain
Guy Andry  Belgium
Kie-Kian Ang  USA
Augustinus Bader  Germany
Rong Min Baek  Korea
Lieven Barbier  Belgium
James Brown  UK
Miguel Burgueño Garcia  Spain
Doo Byung Yang  Korea
Laurens Carp  Belgium
Byung Chae Cho  Korea
Cyrille Chossegros  France
James Chow  China
Jae Young Chung  Korea
David Chwei-chin Chuang  Taiwan
Luigi Clauser  USA
Mimis Cohen  Belgium
Calix De Clercq  France
Bernard Devauchelle  Italy
Mark Farmand  Germany
Bijan Feriduni  Belgium
Eric Fossion  Belgium
Nils-Claudius Gellrich  Germany
Srinivas Gosla Reddy  India
Cesar Guerrero  Venezuela
Karsten Gundlach  Germany
Michael Gunson  USA
Richard E. Hayden  USA
Richard Hayden  USA
Peter Hellings  Belgium
Joseph Helman  USA
Alexander Hemprich  Germany
Walter Hochban  Germany
Frank Hölzle  Germany
Hans-Pater Howaldt  Greece
Ioannis Iatrou  Korea
Hoon Jin  United Kingdom
Paul Johnson  USA
Victor Johnston  Germany
Johannes Kleinheinz  Korea
Kyung S Koh
Daniel Labbé  
France

Samuel Lam  
USA

Juan-Carlos Lopez-Gutierrez  
Spain

Christophe Meyer  
France

Maurice Mommaerts  
Belgium

Florencio Monje  
Spain

Nasser Nadjmi  
Belgium

Andreas Neff  
Germany

Amanda Psyrrri  
Greece

Adi Rachmiel  
USA

Alexander Rapidis  
Greece

Eduardo D. Rodriguez  
USA

Dennis Rohner  
Switzerland

Ramon Ruiz  
USA

Hermann Sailer  
Switzerland

Gregorio Sánchez Aniceto  
Spain

Henning Schliephake  
Germany

Joseph Schoenaers  
Belgium

Alexander Schramm  
Germany

George Sekine  
Japan

Jun Shimada  
Japan

Luc Smets  
Netherlands

Eric Sorrel-Dejerine  
France

Emil W. Steinhäuser  
Germany

Gwen Swennen  
Belgium

Jan-Abel Tasman  
Switzerland

Sylvie Testelin  
France

Frank Trepsat  
Switzerland

Timothy Turvey  
USA

Mark Urata  
USA

Tom Van Eyck  
Netherlands

Vincent Vandecaveye  
Belgium

Denis Verwilghen  
Belgium

Miso Virag  
Croatia

Peter Ward Booth  
United Kingdom

Andrew Wexler  
USA

Astrid Wilk  
France

Joerg Wiltfang  
Germany

Klaus-Dietrich Wolff  
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Jong Woo Choi  
Korea

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Max Zinser  
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List of Sponsors

Special thanks to the Sponsors of the XX EACMFS Congress.

BIOMET Microfixation and BIOMET 3i, both subsidiaries of Biomet Inc, are worldwide leaders in the design and manufacture of products for the craniomaxillofacial and dental markets. BIOMET Microfixation offers a wide variety of craniomaxillofacial products as well as titanium plates and screws for craniomaxillofacial and thoracic fixation. BIOMET 3i develops, manufactures and distributes oral reconstructive products, including dental implant components and bone and tissue regenerative materials.

World leader in innovative restorative and esthetic dental solutions.

At a Glance
Nobel Biocare is the world leader in innovative restorative and esthetic dental solutions. The company provides dental professionals with advanced science-based solutions from root to tooth, including dental implants, all-ceramic crowns, bridges and laminates, treatment planning software and tools, scanners and biomaterials.

Mission
Nobel Biocare’s mission is to be the most desirable partner in science-based solutions that help dental professionals to make a real and lasting difference to the well-being of their patients, empowering them to lead healthier and more satisfying lives.
Stryker Corporation is one of the world’s leading medical technology companies with the most broadly based range of products in orthopaedics and a significant presence in other medical specialties. Stryker works with respected medical professionals to help people lead more active and more satisfying lives. The Company’s products include implants used in joint replacement, trauma, craniomaxillofacial and spinal surgeries; biologics; surgical, neurologic, ear, nose & throat and interventional pain equipment; endoscopic, surgical navigation, communications and digital imaging systems; as well as patient handling and emergency medical equipment.

Synthes is a leading global medical device company. We develop, produce and market instruments, implants and biomaterials for the surgical fixation, correction and regeneration of the human skeleton and its soft tissues. Our goal is to provide the safest and most advanced products and technologies that ensure reliable operating procedures, rapid recovery and a pain-free life after surgery. We avouch for high quality, constant innovation and consistent customer orientation.

Thank You for Your Support
List of Exhibitors

The Exhibitors at the XX EACMFS 2010 Congress are:

3dMD
As the high-precision 3D photography provider of choice in the world’s leading medical institutions, 3dMD offers its sophisticated 3dMdvultus™ software which is built on a solid biomechanical foundation for planning treatment outcomes, simulating soft tissue changes, and quantifying results. With the combined 3dMD/CT or CBCT images, clinicians can simulate genioplasty, mandibular and maxillary surgery with bone and skin relationships defined and corresponding measurements/volumes calculated. The powerful combination of 3dMD-vultus and 3dMD surface imaging enables virtual surgery planning for interdisciplinary treatment intervention and encourages a new standard in team-oriented patient care.

Acco Medical
Acco medical has a longstanding tradition in medical bookselling and can serve you swiftly and accurately. We supply any book you want. Acco has bookshops in Leuven, Brussels, Ghent and Antwerp. But you can also visit us at www.accomedical.be. There you can easily search and find the books and the information you need. Online ordering is easy, with home delivery as an option. Register at our website and you get a customized website with regular and accurate announcements of new titles. For any further information please contact paul.vancotthem@acco.be. (tel.+32(0)16 62 80 78)

a/k/r/u/s medical technologies
akrus, since 1946 is one of the leading manufacturers of medical devices. The multifaceted range of products for maxilla facial surgery and implantology includes, but is not limited to:
- surgical beds and chairs
- stainless steel instrument tables
- patient recovery and transport chairs
- doctor stools
As a long-standing company akrus is renown for unsurpassed quality and outstanding customer service beyond the borders of Germany. Our highly qualified and motivated team has always been able to promptly respond to our customer’s demands.

AOCMF
AOCMF is a recognized clinical division within the AO Foundation, which is a medical non-profit organization focused on international research and educational activities. Its mission is to foster and expand its network of healthcare professionals in education, research, development, and clinical investigation to achieve more effective patient care worldwide. www.aocmf.org

Arseus Medical
Arseus Medical is a leading supplier in the Benelux with a trendsetting product range. It establishes a preferrent partnership with its customers in the healthcare sector. In order to realise this, Arseus Medical is constantly adding high qualitative and innovative products to its offering. This way, Arseus Medical strives to meet its customer needs in long lasting partnership. Before and after sales services, logistics, guidance and education of its customers are an important part of this total concept.
Astra Tech


Biomet 3i

BIOMET Microfixation and BIOMET 3i, both subsidiaries of Biomet Inc, are worldwide leaders in the design and manufacture of products for the craniomaxillofacial and dental markets. BIOMET Microfixation offers a wide variety of craniomaxillofacial products as well as titanium plates and screws for craniomaxillofacial and thoracic fixation. BIOMET 3i develops, manufactures and distributes oral reconstructive products, including dental implant components and bone and tissue regenerative materials.

BrainLab GmbH

BrainLAB develops, manufactures and markets software-driven medical technology that enables procedures that are more precise, less invasive, and less expensive than traditional treatments. BrainLAB is a market leader in image-guided technology that provides highly accurate real-time information for navigation during surgical procedures. This utility has been further expanded to serve as a computer terminal for physicians to more effectively access and interpret diagnostic scans and other digital medical information for better informed decisions. BrainLAB solutions allow expansion from single systems to operating suites to digitally integrated hospitals covering all subspecialties from neurosurgery, orthopedics, ENT, CMF to spine & trauma and oncology.

Cook Medical

Cook Medical was one of the first companies to help popularize interventional medicine, pioneering many of the devices now commonly used worldwide to perform minimally invasive medical procedures. Today, the company integrates device design, biopharma, gene and cell therapy and biotech to enhance patient safety and improve clinical outcomes in the fields of aortic intervention; interventional cardiology; critical care medicine; gastroenterology; radiology, peripheral vascular, bone access and oncology; surgery and soft tissue repair; urology; and assisted reproductive technology, gynaecology and high-risk obstetrics. For more information, visit www.cookmedical.com

Deltex

Deltex is a company specialized in the development, manufacture and distribution of cranio maxillofacial osteosynthesis products and mini-implants for orthodontic anchorage. Equipped with the latest technologies to offer flexible reactive and precise manufacturing, Deltex assures its products’ quality by keeping its knowledge and manufacture in intern. Strongly aware of experts’ needs and expectations, Deltex was one of the first companies to patent the sterile concept in cranio maxillofacial surgery. Each sterile kit is designed with an innovative approach, assembled on request within a very short time, and identified individually to assure the traceability from the manufacture to the patient.
Dolphin Imaging

Dolphin provides high-quality imaging, diagnostic, treatment planning, practice management, and case presentation software. User-friendly programs include: 3D facial/implant planning, digital photo management, ceph analysis, and orthognathic surgery simulation. Dolphin products tightly integrate with most OMS practice management systems, digital x-ray units, CBCT systems, telephonic solutions and Web-enabled applications. Dolphin products are backed with round-the-clock, personalized technical support.

Headquartered in Southern California, the company currently supports thousands of practices worldwide, with customized training programs available. Dolphin has an active academic program whereby selected products are donated to selected educational programs. For more information, visit www.dolphinimaging.com.

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Geistlich Pharma AG

Geistlich Biomaterials has been specialized in regenerative biomaterials for 24 years. With its pioneer products Geistlich Bio-Oss® and Geistlich Bio-Gide® the company has been world wide market leader in regenerative dentistry for many years. Geistlich Biomaterials is part of Geistlich Pharma AG, a family-owned Swiss company with almost 160 years experience in bone and tissue processing. Geistlich Pharma is represented by six affiliates and a dense distributors’ net covering more than 50 countries. It has established a close scientific cooperation with more than 100 universities worldwide and continuously invests in research and technologies.

www.geistlich-pharma.com

J Morita Europe Gmbh

Morita Group is one of the leading manufacturers of technical medical products. The traditional Japanese company has five sales companies worldwide and offers a wide range of products. As a leader in x-ray diagnostics and endodontics, the company’s product portfolio offers high-performance imaging systems up to 3D volumetric tomography, handling units, turbines, straight hand and contra-angle pieces, instruments and endodontic measurement and preparation systems.

With outstanding quality standards and continuing research, Morita’s worldwide staff of
2,400 employees is oriented towards the needs of users and doctors. In this way, the spirit lives of Junichi Morita who founded the company in 1916.

Karl Storz GmbH

KARL STORZ is one of the world’s leading suppliers of endoscopes for all fields of application. The family-owned company with its headquarters in Tuttlingen, Germany has 4800 employees worldwide. With a history that stretches back over 60 years, KARL STORZ is well-known for its innovative and high-quality products. Its range of products has been rounded off with the development of the integrated operating room OR1™ and by integrating the field of flexible endoscopy into the various specialties.

KLS Martin

Surgical Innovation is our Passion

KLS Martin is a medium-sized group of companies with a readiness to innovate and invest, based on a clear growth strategy. We offer more than marketable products. We develop comprehensive medical-technical problem solutions with a high practical relevance because they have been implemented in close collaboration with the users. The result are products and systems that impress with a high innovation level and differentiate themselves from the competition by significant USPs (unique selling propositions). They benefit the surgeon, the medical staff and the patients alike because they serve health and its restoration.

Materialise

Materialise started out in 1990 as a specialist in rapid industrial and medical prototyping and manufacturing and has been active in this market since the beginning of RP&M commercialization. In addition to this expertise, Materialise enjoys a worldwide reputation as a provider of innovative software solutions. As such, Materialise has become a major player in medical image processing and surgery simulation. An innovative solution provider in CMF, it offers surgery planning software, surgical guides and models and services that help the surgeon to transfer his planning to the operating theater with the best possible outcome.

Medartis AG

Medartis AG, headquartered in Basel, Switzerland, specializes in technical high-precision implants for surgical fixation of bone fractures and osteotomies.

Medicon eG

Founded in 1941 Medicon eG today bundles the strength of 14 production facilities and offers a complete range of surgical instruments. Our complete line is still manufactured in Germany. For many years and even today, MEDICON instruments is a major player in maxillary-facial surgery world-wide. MEDICON products have vastly contributed to the high status of modern maxillary-facial-cranial surgery over many decades. Many of these instruments have been developed in close co-operation with famous pioneers of this special discipline.

Further Information: www.medicon.de
Medicon: Quality made in Germany!
Our Distributor in Belgium: Devroe Instruments
Meditheque Bookshop
Medical books and multimedia products in several languages from all leading publishers. Sales on site or online www.meditheque.fr. Special promotional prices.

Misonix, Inc.

Mondeal Medical Systems
MONDEAL Medical Systems GmbH, founded in 1994, sells to more than 30 countries world-wide. MONDEAL develops, manufactures and sells non-active implantable medical devices among other medical devices. MONDEAL is a manufacturing company, purchasing raw materials from suppliers according to our specifications and from which we produce medical devices, which are sterilized through a certified contract sterilization company.

Neobiotech
Neobiotech is the prior Implant manufacturer which was established in 2000, and endeavored to provide the best product and service under motto of Implant service No.1. Neobiotech developed and launched SinusQuick guaranteeing excellent operation and the best product to upper posterior, while passing through the newborn process as an innovation managerial. Neobiotech released the SCA-Kit, a Sinus Crestal approach tool of new method, and brought out innovation to Sinus Implant surgical operation. Also, the SLA-Kit is launched which is the epochal operating knife of Lateral approach. Development concept of our Neobiotech is to develop easier, safer and faster product.

Osteomed
OsteoMed is a leading global innovator, developer, manufacturer and marketer of specialty medical devices, surgical implants and powered surgical instruments. OsteoMed is committed to providing the surgeon with innovative products and state of the art rigid fixation systems. Our unique modular delivery systems and patented self-drilling screw technology represent the pinnacle of clinical technology. From pediatric craniofacial surgery to adult mandibular trauma and reconstruction, OsteoMed’s comprehensive offering can meet all your clinical needs. The company’s success is driven by its ability to develop and deliver innovative, quality products that improve patient outcomes and offer technically advanced, simple and cost effective solutions for its surgeon and hospital customers.

Planmeca Oy
Planmeca Oy designs and manufactures a full line of high technology dental equipment, including dental care units, panoramic and intraoral X-ray units, and digital imaging products. Planmeca Oy, the parent company of the Finnish Planmeca Group, is strongly committed to R&D. Planmeca is the largest privately held company in the field and the third largest dental equipment manufacturer in Europe. 98% of Planmeca’s production is exported to over 100 countries. The company is well-established on the US market and has considerable market shares in many European countries. The market share in Asia is also growing favourably. The Group estimated turnover for the year 2010 is approximately EUR 600 million with over 2,300 employees. www.planmeca.com
Porex Surgical GmbH

Porex Surgical Inc., is pleased to feature MEDPOR® Surgical Implants for cosmetic and reconstructive craniofacial and maxillofacial procedures. MEDPOR® CONTAIN™ Implant, intended to stabilize, support and provide space maintenance for bone graft materials in the maxilla, mandible and zygoma as well as SQUEEZE-MARK® Surgical Markers, TLS® Surgical Drains, and Porex Nostril Retainers will also be featured at the exhibit.

Straumann

A pioneering leader in implant dentistry

Straumann is a global leader in implant and restorative dentistry and oral tissue regeneration. In collaboration with leading clinics, research institutes and universities, Straumann researches, develops and manufactures dental implants, instruments, prosthetics and tissue regeneration products for use in tooth replacement and restoration solutions or to prevent tooth loss.

With its roots in Swiss precision and clinical excellence, the Straumann® Dental Implant System is renowned for its exceptional quality and is one of the most extensively scientifically documented implant systems in the world. Straumann continues to provide dental professionals with the best dental replacement solutions for their practice with the greatest peace of mind for their patients.

Surgi-tec

Surgi-Tec is since 10 years manufacturer in high quality Maxillo Facial Distraction Devices such as Trans Palatal Distraction, curtily TPD®, Trans Mandibular Distraction, curtily TMD® and Crest Expander. Beside this, Surgi-Tec is also specialized in a Orthodontic Anchorage System better known as Ortho Bone Anchor (OBA). Surgi-Tec offers also a wide range of Osteosynthesis Screws and tools.

Tekka

Thierry ROTA founded tekka over 10 years ago, in accordance to his strong ethical values and commitment. Tekka has been the French leader on the maxillofacial surgery market for several years and has grown rapidly to become, today, one of the strongest players on the French dental market. It is now preparing its future, developing 5 subsidiaries and distributors covering around 20 countries worldwide. Thanks to its research and development department, close partnerships with reactive manufacturing facilities and strong quality requirements, tekka has developed innovative and practice oriented products, all complying with international quality control standards.

Titamed

Titamed manufactures a complete range of fixation systems for osteotomies, reconstructive surgery and fracture treatment in titanium for the oral and maxillofacial surgeon. It is a simple, efficient, multipurpose set, extremely user-friendly and reliable.

In December 2005 we launched a new palatal distractor, which we call the (UNI)-Smile Distractor. It is simple in design, small in dimension, safe and reliable in use. Most important there is an excellent patient compliance referring to hygiene and comfort.
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