



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

Final Programme

14-17 September 2010 Bruges, Belgium

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EACMFS BRUGES 14-17 SEPTEMBER 2010

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Welcome to the XX Eacmfs 2010 Congress

Message from the President



HONORARY PRESIDENT

Robert Peiffer

PRESIDENT EACMFS 2008-2010 XX EACMFS CONGRESS PRESIDENT

Maurice Mommaerts

EACMFS LOCAL ORGANISING COMMITTEE

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Executive Support – Secretariat Administrator Jill McFarland, United Kingdom

Association Secretariat

EACMFS Secretariat Mrs. Jill McFarland PO Box 85 Midhurst West Sussex GU29 9WS UK Phone: +44 1730 810951 - Fax: +44 1730 812042 Email: secretariat@eacmfs.org www.eurofaces.com

EACMFS Council Election 2008-2010

COUNTRY	COUNCIL NOMINEE
Albania	Prof R Isufi
Armenia	Dr R Khachatryan
Austria	Prof G Santler
Belarus	Prof I Pohodenko-Chudakova
Belgium	Dr P Mahy
Bosnia & Herzegovinia	Dr B Bejtovic
Bulgaria	Prof V Svechtarov
Croatia	Dr D Leovic
Cyprus	Dr G Pantelas
Czech Republic	Dr Rene Foltan
Denmark	Dr M Schoidt
Estonia	Dr M Soots
Finland	Dr P Stoor
France	Prof C Chossegros
Germany	Prof K Wolff
Greece	Prof C Alexandridis
Hungary	Dr S Bogdan
Israel	Dr S Laster
Italy	Dr E Sesenna
Kosova	Prof O Sejfija
Latvia	Dr G Salms
Lithuania	Dr S Bojarskas
Macedonia	Dr A Benedetti
Moldova	Prof D Scerbatiuc
Netherlands	Prof S Bergé
Norway	Prof C Ziegler
Poland	Prof H Wanyura
Portugal	Dr J Marcelino
Romania	Prof A Bucur
Russia	Prof S Tarasenko
Serbia	Prof V Konstantinovic
Slovakia	Dr D Novotnakova
Slovenia	Dr A Vesnaver
Spain	Prof M Burgueño
Sweden	Dr U Blombaeck
Switzerland	Prof H-F Zeilhofer
Turkey	Prof O Guven
Uk	Dr P Ramsay Baggs
Ukraine	Prof V Malanchuk



EBOMFS Announcement

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.O.-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



A TRADITION OF QUALITY AND INNOVATION

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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
- Postopeartive protocol

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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/



Floorplans







LEVEL 1

Exhibition

Official Meetings Timetable





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

Meeting with Guest Society - AO (A0 Foundation)

Secondary Obital Reconstruction

Ancillary procedures - Gregorio Sánchez Aniceto

Role of microvascular free tissue transfer - Eduardo Rodríguez

Technological advances in secondary orbital reconstruction - Nils Gellrich

Postraumatic 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.



 Wednesday, 15 September 2010 09.30 - 11.00 Concertgebouw, Studio 2

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



 Wednesday, 15 September 2010 09.30 - 11.00 Concertgebouw, Studio 1

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



 Wednesday, 15 September 2010 14.00 - 15.30 Concertgebouw, Forum 6

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 Childrens 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.





 Wednesday, 15 September 2010 14.00 - 15.30
Concertgebouw, Kamermuziekzaal

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.



Thursday, 16 September 2010 14.00 - 15.30 Concertgebouw, Kamermuziekzaal

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.





Friday, 17 September 2010
09.30 - 11.00
Concertgebouw, Studio 1

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

 Friday, 17 September 2010 09.30 - 11.00 Concertgebouw, Kamermuziekzaal

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



Friday, 17 September 2010 14.00 - 15.30 Concertgebouw, Kamermuziekzaal

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

Programme-at-a-Glance

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

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. 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 ▶ 15.30 14.00 ▶ 14.20	
	IMF Workshop
14.00 > 14.20	IMF Workshop Basic wiring techniques Splinting techniques • Obwegeser splint
14.00 ► 14.20 14.20 ► 15.00	IMF Workshop Basic wiring techniques Splinting techniques • Obwegeser splint • Schuchardt splint, Baumarsch splint

Product Training Courses MONDAY, 13 SEPTEMBER

07.30 + 17.00	Concertgebouw, Forum 6 Product Training Course - Synthes Distraction Expert Symposium Speaker: XXX
14.00 ▶ 18.00	Oud St. Jan, Beethoven Product Training Course – NobelGuide Speaker: XXX 150 word description
14.00 > 18.00	Oud St. Jan, Mozart Product Training Course - Maximlim Speaker: XXX 150 word description
14.00 > 18.00	Oud St. Jan, Strauss Product Training Course - Sawbone Workshop Speaker: XXX 150 word description

Masterclasses

All Masterclasses will be held at the Oud St. Jan Tuesday to Friday from 07.30 - 09.00

TUESDAY, 14 SEPTEMBER, 07.30 - 09.00

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.77yrs).

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 3 D 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 factores 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.

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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.

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TMJ Disc Surgery

Speakers: Florencio Monje, Cyrille Chossegros

Oud St. Jan - Vives

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: Electrocoagulation 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 en 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.

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Cosmetic Surgery on the Eyelids - Blepharoplasty

Speaker: Miguel Burgueño Garcia

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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THURSDAY, 16 SEPTEMBER, 07.30 - 09.00

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 armenmatorium (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.

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 reamination 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 variet 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 previos 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.

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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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FRIDAY, 17 SEPTEMBER, 07.30 - 09.00

Microvascular Flap Raising

Speakers: Klaus-Dietrich Wolff, Frank Hoelzle

Oud St. Jan - Beethoven

This masterclass gives an overview of good clinical practise and scientific backround of microsvascular 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, persue 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 mm 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-mandibulary 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.



Scientific Programme

MONDAY 13 SEPTEMBER

Introduction Educational Session (John Lowry) - IMF Workshop aims
Course outline and workshop preparation
Historical note on intermaxillary fixation
Concepts - indications - timing. Synopsis of the various techniques.
Mechanical properties of metal wires used in IMF. Twisting Techniques
Coffee break
Wiring techniques
Splint Types (Obwegeser, Baumarsch, Bern, cap splints, custom made, Gunning splints). Indications, benefits and drawbacks
IMF screws. types, indications, surgical technique
Tips and pitfalls in panfacial fracture treatment (with an emphasis on fixation methods & temporary fragment reduction with wires)
Lunch
Circummandibular wiring and suspension techniques (supraorbital, infraorbital, zygomatic, piriform aperture, nasal spine suspensions)
Orthodontic fixation appliances for orthognathic surgery (power pins, crimpable hooks, Kobayashi loops, Goshgarian TPA)
IMF Workshop
Basic wiring techniques
Splinting techniques • Obwegeser splint • Schuchardt splint, Baumarsch splint
IMF Screws - Orthodontic microscrews.
Summary
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
12.30 - 14.00	Lunch & Exhibition
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

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 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
- Temporomandbular 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!

Concertgebouw 't Zand 34, B - 8000 Bruges Provincial Government Palace Markt 3, B - 8000 Bruges



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

Tour Programme

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 and umbrella (average temperature $13\,^\circ\text{C}/\,54^\circ\text{F}$ - $21\,^\circ\text{C}/72\,^\circ\text{F}).$

	Sunday, 12 Sept.	Monday, 13 Sept.	Tuesday, 14 Sept.	Wednesday, 15 Sept.	Thursday, 16 Sept.	Friday, 17 Sept.
Half day tours & activities	14.00 - 17.00 Bruges City Immersion	09.00 - 14.00 Bruges City Immersion 14.00 - 16.00 Bruges Art Tour	14.00 - 17.00 Bruges in 5 Senses	16.00 - 23.00	08.30 - 16.30 Antwerp: City of Diamonds 10.00 - 15.00 Belgian Cooking Class	
Full day tours & activities	09.00 - 16.00 Brussels: Yours To Discover	00.00 - 00.00 Golf Tournament	09.00 - 16.30 Bruges Sur- roundings: Experience Damme & Knokke	Ghent Tour		08.30 - 18.00 Visit Ypres, Diksmuide and Vladslo

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 *Patershol*,

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. Nested in a slightly wild landscape, the club offers two courses. *'l'Extérieur'* (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 'til 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 history 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.

HOTEL	SINGLE ROOM	DOUBLE ROOM
5 STAR	EUR 279.00	EUR 304.00
4 STAR	EUR 120.00 - 295.00	EUR 125.00 - 320.00
3 STAR	EUR 79.00 - 160.00	EUR 79.00 - 185.00
2 STAR	EUR 70.00	EUR 75.00

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 Cenrtum-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 $13^{\circ}C/54^{\circ}F$ - $21^{\circ}C/72^{\circ}F$ and winter temperatures averages from $0^{\circ}C/32^{\circ}F$ - $6^{\circ}C/43^{\circ}F$. In Bruges, the average temperature in August to September is between minimum $10-11^{\circ}C / 50-52^{\circ}F$ and maximum $19-21^{\circ}C / 66-70^{\circ}F$.

Congress Dates & Venue(s)

All scientific sessions are held at the Concertgebouw, from Monday, 13 September to Friday, 17 September 2010. All masterlcasses will be held at the Oud St. Jan from Tuesday, 14 September to Friday, 17 September 2010.

Congress Secretariat

PCO SECRETARIAT MCI Brussels Office Tervurenlaan 300 Avenue de Tervueren 1150 Brussels, Belgium Phone : +32 2 743 1540 - Fax : +32 2 743 1584 Email : eacmfs-2010@mci-group.com

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.

Congress Website

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

Credit cards & ATM

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

Currency

The currency in Brussels, Belgium is the Euro (EUR - \pounds). 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.

Foreign Exchange Offices

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

Dress Code

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

Electricity

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

Emergencies

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: 112Pharmacy on duty: +32-9 001 05 00Ambulance & Fire: 100Police: 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 Concergebouw.

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
- Pharpmacists 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:

1 1 10 0 1 1 0010	07.00 401.00
Monday, 13 September 2010	07.30 - 19h00
Tuesday, 14 September 2010	06.30 - 18h30
Wednesday, 15 September 2010	07.00 - 16.00
Thursday, 16 September 2010	07.00 - 19.00
Friday, 17 September 2010	07.00 - 14.00

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 Faustino Acebal-Blanco JulioAcero Guy Andry Kie-Kian Ana Augstinus Bader Rong Min Baek Lieven Barbier James Brown Miquel Burqueño Garcia Doo Byung Yang Laurens Carp Byung Chae Cho Cyrille Chossegros James Chow Jae Young Chung David Chwei-chin Chuang Luigi Clauser Mimis Cohen Calix De Clerca Bernard Devauchelle Mark Farmand Bijan Feriduni Eric Fossion Nils-Claudius Gellrich Srinivas Gosla Reddv Cesar Guerrero Karsten Gundlach Michael Gunson Richard E. Hayden Richard Hayden Peter Hellinas Joseph Helman Alexander Hemprich Walter Hochban Frank Hölzle Hans-Pater Howaldt Ioannis latrou Hoon Jin Paul Johnson Victor Johnston Johannes Kleinheinz Kvuna S Koh

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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 3dMDvultus 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 nonprofit 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.



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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

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.

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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.

EACMFS 2012

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Elsevier

Elsevier is the world's leading publisher of science and health information. We provide world-class content in a variety of print and electronic formats, including Journal of Cranio-Maxillo-Facial Surgery, the official publication of European Association for Cranio-Maxillo-facial Surgery. We would love to meet you, so please drop by the Elsevier stand #5.

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



Geistlich





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 wellknown for its innovative and high-quality products. Its range of products has been rounded off with the development of the integrated operating room OR1TM 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, headquartered in Basel, Switzerland, specializes in technical high-precision

Medartis AG

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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-facialcranial surgery over many decades. Many of these instruments have been developed in close co-operation with famous pioneers of this special discipline.

Further Informations: www.medicon.de

Medicon: Quality made in Germany !

Our Distributor in Belgium: Devroe Instruments

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Misonix, Inc.

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Mondeal Medical Systems

MONDEAL Medical Systems GmbH, founded in 1994, sells to more than 30 countries worldwide. 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 Sinus Ω uick 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, 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



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MONDEAL

MediTheque

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, curtly TPD®, Trans Mandibular Distraction, curtly 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 guality 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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