



Controversies in Orthognathic Surgery and Craniofacial Deformities

February 26–27, 2010
Hannover, Germany

2010



Chairpersons:
Nils-Claudius Gellrich, Hannover Medical School, Germany

Scientific Organization:
Horst Kokemüller, Hannover Medical School, Germany

Letter from the Course Chairmen

Dear colleagues,

with this European AOCMF educational event we want to address controversies in orthognatic and craniofacial deformity surgery. As we all know, this elective type of surgery requires precise preoperative planning, which is the prerequisite for a highly predictable outcome. Especially the developments of visualizing technologies and computer-assisted techniques serve as new diagnostic and therapeutic options and give us new perspectives for the future. Preoperative planning should usually be transferred on the patient by standardized procedures. However, there is still controversy regarding appropriate surgical techniques as well as different types of fixation and materials.

Within this 2 days AOCMF event we want to show the state of the art in this interesting field of surgery and discuss the differences regarding treatment planning, technical considerations, and treatment concepts. Apart from conventional planning protocols, new technologies which allow computer-assisted planning in orthognatic and cranialfacial deformity surgery will be discussed, with special regard to their value for daily clinical use.

We are looking forward to welcoming you at Hannover Medical School in February 2010 to share with you experiences, discuss differences and look into the future.

With best greetings,



Nils-Claudius Gellrich



Horst Kokemüller

Mission statement of AO education

Our mission is to continuously set standards in postgraduate medical education and to foster the sharing of medically guided expertise in a worldwide network of healthcare professionals to improve patient care in trauma or disorders of the musculoskeletal system.

Friday, February 26, 2010

Orthognathic Surgery

- 08:00 h Registration
- 09:00 h Welcome and Introduction Gellrich

Treatment Planning

- 09:10 h The Hannover orthodontic treatment concept for orthognathic surgery Schwestka-Polly
- 09:30 h Conventional concepts and „hand-made“ planning of orthognathic surgeries Kokemüller
- 09:50 h Indications for segmental osteotomies of the mandible and maxilla: risks and benefits Cornelius
- 10:10 h Modell free planning: reality or future? Swennen
- 10:30 h A new approach to combining conventional model surgery with virtual planning Zizelmann
- 10:50 h Coffee break

Technical Considerations

- 11:10 h Conventional and segmental osteotomies of the mandible and maxilla: technical considerations Brachvogel
- 11:30 h Bicortical fixation of the mandible after sagittal split osteotomy Cornelius
- 11:50 h The role of split fix osteosynthesis and resorbables Schwarz
- 12:10 h Anesthesia protocols for orthognathic and craniofacial surgery Koppert
- 12:30 h Complications in orthognathic surgery and their management Barth
- 12:50 h Lunch break

Friday, February 26, 2010

Treatment Concepts I

14:00 h	Surgical treatment options for transversal maxillary expansion	Schramm
14:20 h	Treatment choice for surgical correction of open bite deformity	Swennen
14:40 h	Orthognathic surgery in patients with cleft deformities	Hemprich
15:00 h	Special considerations for three-dimensional positioning of the mandible and maxilla in orthognathic surgery	Rücker
15:20 h	Surgical techniques for osteotomy and shaping of the midface	Schramm
15:40 h	Coffee break	

Treatment Concepts II

16:00 h	Profiloplasty in aesthetic facial surgery	Bertossi
16:20 h	Genioplasty in orthognathic surgery: technical, functional and aesthetic aspects	Schwarz
16:40 h	Rhinoplasty and nasolabial aesthetics in orthognathic surgery	Bertossi
17:00 h	Malocclusion and TMJ-dysfunction as sequela after condylar fractures	Hammer
17:20 h	Impact of computer-assisted planning for orthognathic surgery in clinical practice	Gellrich
17:40 h	Discussion/End of first day	
19:30 h	Afterwork party	

Saturday, February 27, 2010

Craniofacial Deformities

08:00 h	Key note lecture: When and how to correct complex craniofacial deformities: planning and treatment concepts	Bartlett
08:40 h	Surgical management of facial asymmetry	Hammer
09:00 h	3D-imaging and follow-up in craniofacial surgery	Essig
09:20 h	Resorbables versus non-resorbables	Klein
09:40 h	Which material serves best for correction in the craniofacial deformity patient?	Bartlett
10:00 h	Break/Demonstration of 3D analyzing, planning, image fusion, surface scan import	
10:40 h	Distraction osteogenesis (craniofacial)	Bartlett
11:00 h	Distraction osteogenesis (mandible)	Klein
11:20 h	Distraction osteogenesis (midface)	Hemprich
11:40 h	Craniosynostosis correction: the neurosurgeon's point of view	Hermann
12:00 h	Key note lecture: Long-term results after surgical craniosynostosis treatment and craniofacial contouring	Bartlett
12:40 h	Discussion	
13:00 h	End of the course	

Faculty

The faculty for this course is composed of international and regional surgeons distinguished in the field of skull base and orbital surgery.

Chairpersons:

Nils-Claudius Gellrich
Hannover Medical School, Germany

Scientific Organization:

Horst Kokemüller
Hannover Medical School, Germany

Honorary Chairman:

Scott Bartlett
Philadelphia, USA

Invited Faculty: a.o. (among others)

List of Confirmed Speakers:

Enno-Ludwig Barth
Hannover, Germany

Scott Bartlett
Philadelphia, USA

Dario Bertossi,
Verona, Italy

Peter Brachvogel
Hannover, Germany

Carl-Peter Cornelius
München, Germany

Harald Essig
Hannover, Germany

Nils-Claudius Gellrich
Hannover, Germany

Beat Hammer
Aarau, Switzerland

Alexander Hemprich
Leipzig, Germany

Elvis Hermann
Hannover, Germany

Cornelius Klein
Deggendorf, Germany

Horst Kokemüller
Hannover, Germany

Wolfgang Koppert
Hannover, Germany

Martin Rücker
Hannover, Germany

Alexander Schramm
Ulm, Germany

Ulrich Schwarz
Freiburg, Germany

Rainer Schwestka-Polly
Hannover, Germany

Gwen Swennen
Brügge, Belgium

Christoph Zizelmann
Aarau, Switzerland

Course information

Course fee:

€ 250,-

Please transfer the course fee to:

Remittee: KPMG, Account-No. 070 985 700

(BLZ 100 700 00) Deutsche Bank Berlin

BIC (Swift-Code): DEUTDEBB,

IBAN: DE33 1007 0000 0070 9857 00

Keyword: "AO Course CMF, Hannover"

20% of course fee will be charged if cancellation is less than 7 days before start of the course.

Course fee includes:

Conference bag with documentation, coffee breaks, lunches, course banquet and course certificate. Accommodation is not included in the course fee.

Confirmation:

Your participation will be subject to availability of course seats and will be confirmed after receipt of payment.

Course venue & accommodation:

February, 26–27 2010

Lecture room: großer Hörsaal ZMK

Hannover Medical School

Carl-Neuberg-Straße 1

30625 Hannover

Accommodation for participants:

Please organise your room reservation

Contingent: by December 14, 2009 at the latest.

Mercure Hotel Atrium Hannover

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Keyword: "AO Course CMF 2010"

General information

Course organization:

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Local organization:

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Course language:

English

Accreditation:

The AO Advanced Symposium on orbital reconstruction will get accreditation from the European Accreditation Council for Continuing Medical Education (EACCME) to provide CME activity for medical specialists. The EACCME is an institution of the European Union of Medical Specialists (UEMS), www.uems.net. Each medical specialist should claim only the number of hours that he/she actually spent on the educational activity. The exact number of EACCME points will be communicated on site.