Course program

AOCMF Course—Advances in Orthognathic Surgery

January 27–28, 2017  Muscat, Oman

Excellence in facial surgery across the specialties
Mission

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.

The AO principles of fracture management

1. Fracture reduction and fixation to restore anatomical relationships.
2. Early and safe mobilization and rehabilitation of the injured part and the patient as a whole.
3. Preservation of the blood supply to soft tissues and bone by gentle reduction techniques and careful handling.
4. Fracture fixation providing absolute or relative stability, as required by the “personality” of the fracture, the patient, and the injury.
Welcome

On behalf of AOCMF (the craniomaxillofacial clinical division of the AO Foundation), it is my pleasure to personally welcome you to this course. Each year, AOCMF provides over 110 educational opportunities to more than 5,000 passionate surgeons worldwide.

The mission of AOCMF is excellence in facial surgery across the specialties. We encourage the involvement of all interested professions, including oral and maxillofacial surgery, plastic surgery, ENT, oculoplastic surgery, and neurosurgery. To achieve our mission, we are committed to remaining at the forefront of education and new developments, by offering remarkable learning and networking experiences focusing on craniomaxillofacial trauma and reconstruction.

Through our courses, membership program, and our website, our goal is to encourage and inspire surgeons—including residents, fellows, and practitioners—to pursue fulfilling careers in our field. In addition, we endeavor to provide lifelong learning opportunities and career development options for more experienced specialists in the most appropriate and useful ways as their needs evolve.

Your role is vital to improving patient care. We hope that your experience with our faculty, chairs, and your peers over the next few days will bring new knowledge, skills, and understanding that you can directly apply to your own practice. We look forward to your participation and encourage you to share your ideas, unique perspectives, and opinions, to help build and enhance our dynamic community, and contribute to the further development of craniomaxillofacial surgery.

I wish you an outstanding learning experience.

Yours sincerely,

Warren Schubert
AOCMF International Chair
Goal of the course

This course aims to improve the knowledge and experience in orthognathic surgery and how to solve the different facial deformities encountered.

Target participants

All those who deal with musculoskeletal head and neck disorders concerning congenital and acquired deformities of the craniofacial skeleton.

Course objectives

After the course, participants should be able to:
• Diagnose and assess patients with jaw deformities
• Understand the treatment options and its limitations
• Comprehend pre-operative planning methods and outcome analysis
• Apply AO principles for stabilization of the osteotomised bone segments
• Understand the effects of surgery and hard and soft tissue changes

Course description

Topics of the course will be taught in three main ways. Comprehensive lectures will concentrate on the understanding of core material. Practical session will teach the application of AO principles for the stabilization of the osteotomised bone segments. Video demonstration will be used to supplement the practical exercise. Discussions will be held throughout the course to link the lecture material and practical skills taught with the problems encountered by the course participants in their individual practice.
Course director

Bader Alhashmi
Al Mafraq Hospital
Abu Dhabi, UAE

Hamad Al Harthy
Al Nahdha Hospital
Muscat, Oman

Manjunath Margasahayam
Al Nahdha Hospital
Muscat, Oman

International faculty

Keith Jones, Head and Neck Unit, Kings Treatment Centre, Royal Derby Hospital, Derby, United Kingdom

Regional faculty

Abdul Nasser Hachem, Oral-maxillofacial Surgery/Plastic Surgery, Mafraq Hospital, Abu Dhabi, UAE
Zein Goussous, Oral and Maxillofacial Surgery, Private Sector, Amman, Jordan
Susan Hassan, Oral Maxillofacial Surgery, Al-Azhar University Hospital, Cairo, Egypt

National faculty

Taimoor Al Bulushi
Khoulah Hospital, Muscat, Oman
Ahmed Al Hashmi
Al Nahdha Hospital, Muscat, Oman
Mohamed Al-Nabhani
Al Nahdha Hospital, Muscat, Oman

Course organization

AO Foundation
AOCMF
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Fax +41 81 414 22 80
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www.aocmf.org
<table>
<thead>
<tr>
<th>TIME</th>
<th>AGENDA ITEM</th>
<th>WHO</th>
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<tbody>
<tr>
<td>13:30–14:00</td>
<td>Registration</td>
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<tr>
<td>14:00–14:15</td>
<td>Welcome address, introduction of the faculty, course objectives</td>
<td>B Alhashmi</td>
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<tr>
<td>14:15–14:30</td>
<td>AO History, structure and membership</td>
<td>M Margasahayam</td>
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<tr>
<td></td>
<td><strong>Session 1</strong> Diagnosis and patient assessment</td>
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<tr>
<td>14:30–14:55</td>
<td>Introduction to orthognathic surgery (definitions, diagnosis and treatment planning)</td>
<td>M Al-Nabhani</td>
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<tr>
<td>15:20–15:50</td>
<td>COFFEE BREAK</td>
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<tr>
<td>15:50–16:15</td>
<td>Standard osteotomies in the mandible</td>
<td>Z Goussous</td>
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<tr>
<td>16:15–16:40</td>
<td>Standard osteotomies in the maxilla</td>
<td>T Al Bulushi</td>
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<tr>
<td>16:40–17:05</td>
<td>Special considerations and sequencing in 2-jaw osteotomies</td>
<td>A Hachem</td>
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<tr>
<td>17:05–17:30</td>
<td>Perioperative and postoperative management</td>
<td>K Jones</td>
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<td>17:30</td>
<td>End of Day 1</td>
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Saturday, January 28, 2017

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<tr>
<th>TIME</th>
<th>AGENDA ITEM</th>
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<tr>
<td><strong>Session 2</strong></td>
<td>Practical exercise</td>
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<tr>
<td>08:00–09:30</td>
<td>Practical exercise: Fixation of BSSO</td>
<td>B Alhashmi</td>
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<tr>
<td>09:30–10:00</td>
<td>Case discussion</td>
<td>T Al Bulushi</td>
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<td>10:00-10:20</td>
<td>COFFEE BREAK</td>
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<tr>
<td><strong>Session 3</strong></td>
<td>Temporomandibular joint disorder &amp; esthetics</td>
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<tr>
<td>10:20–10:40</td>
<td>The TMJ / Orthognathic patient</td>
<td>A Al Hashmi</td>
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<tr>
<td>10:40–11:00</td>
<td>Condylar positioning in orthognathic surgery</td>
<td>B Alhashmi</td>
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<tr>
<td>11:00–11:20</td>
<td>Idiopathic condylar resorption</td>
<td>A Al Hashmi</td>
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<tr>
<td>11:20–11:40</td>
<td>Genioplasty</td>
<td>H Al-Harthy</td>
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<tr>
<td>11:40–12:00</td>
<td>Complications and pitfalls</td>
<td>K Jones</td>
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<tr>
<td>12:00–12:30</td>
<td>Case discussion</td>
<td>A Al Hashmi</td>
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<tr>
<td>12:30–13:30</td>
<td>LUNCH BREAK</td>
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<tr>
<td><strong>Session 4</strong></td>
<td>Corrections of facial deformities</td>
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<tr>
<td>13:30–14:00</td>
<td>Condylar hyperplasia</td>
<td>S Hassan</td>
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<td>14:00–14:30</td>
<td>Orthognathic surgery for cleft palate patients</td>
<td>A Hachem</td>
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<tr>
<td>14:30–15:00</td>
<td>Orthognathic surgery for sleep apnea patients</td>
<td>A Al Hashmi</td>
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<tr>
<td>15:00–15:20</td>
<td>Case discussion</td>
<td>A Hachem</td>
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<td>15:20–15:50</td>
<td>COFFEE BREAK</td>
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<td><strong>Session 5</strong></td>
<td>Distraction osteogenesis</td>
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<tr>
<td>15:50–16:20</td>
<td>Principles of distraction osteogenesis and clinical application</td>
<td>Z Goussous</td>
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<tr>
<td>16:20–16:50</td>
<td>Mandibular distraction osteogenesis</td>
<td>M Margasayaham</td>
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<tr>
<td>16:50–17:20</td>
<td>Anterior maxillary segmental distraction osteogenesis</td>
<td>S Hassan</td>
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<td>17:20–17:40</td>
<td>Evaluation, closure and certificates</td>
<td>B Alhashmi, M Margasayaham</td>
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<td>17:40</td>
<td>End of course</td>
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Course information

**Evaluation guidelines**
All AOCMF courses apply the same evaluation process, either ARS (audience response system) or paper and pencil questionnaires. This will help AOCMF to ensure that we continue to meet your training needs.

**Accreditation**
Accredited by OMSB for 9 Credit points, under Category I, Reg No: OMSB/CPD/7999/01.17

**AO funding sources**
Unrestricted educational grants from different sources are collected and pooled together centrally by the AO Foundation. All events are planned and scheduled by local and regional AO surgeon groups based on local needs assessments. We rely on industrial/commercial partners for in-kind support to run simulations/skills training if educationally needed.

**Course organization compliance**
In certain countries where AO has no office but offers educational events, the AO cooperates with third party companies to conduct local organization and logistics, as well as to communicate with participants in the local language. In these cases the AO has put rules and guidelines in place (Letter of Secondment, AO Foundation—Principles of AO Educational Events) to ensure that this cooperation has no impact on the curricula, scientific program, or faculty selection.

**Intellectual property**
Course materials, presentations, and case studies are the intellectual property of the course faculty. All rights are reserved.

**Recording, photographing, or copying of lectures, practical exercises, case discussions, or any course materials is absolutely forbidden.**

**Security**
Security check at the entrance of the building. Wearing of a name tag is compulsory during lectures, workshops, and group discussions.

**No insurance**
The course organization does not take out insurance to cover any individual against accidents, thefts or other risks.

**Mobile phone use**
Mobile phone use is not allowed in the lecture halls and in other rooms during educational activities. Please be considerate of others by turning off your mobile phone.

**Transportation**
Not provided for participants

**Dress code**
Casual

**Course language**
English
Course venue

Park Inn by Radisson Muscat
P.O. Box 1635 PC 133
Sultan Qaboos Street Al Khuwair
Muscat, Sultanate of Oman
Phone: + 968 2450 7888
Fax: + 968 2450 7889
https://www.parkinn.com/hotel-muscat

Course fee

For Oman based participants: OMR 110.-
For non-Oman based participants: USD 535.-

Includes coffee breaks, lunch, course material, and certificate.

Course registration

Please register online at:
http://muscat1716.aocmf.org/
Notes
Notes
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Science Direct
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For members: Print copy of JCMTR

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