Event program

AOTrauma Seminar—Management of infection in trauma patients

April 21, 2017 Vilnius, Lithuania
Value statement

AOTrauma is committed to improve patient care outcomes through the highest quality education. We strive to combine the right knowledge and surgical skills that empower the orthopedic and trauma surgeons to put theory into practice and to improve fracture management for the benefit of the patient.

The AO principles of fracture management

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

Dear AOTrauma seminar participant,

We are honored to welcome you to the AOTrauma Seminar—Management of infection in trauma patients. We hope you will enjoy your seminar and the entire experience.

What is AOTrauma? We are a "clinical division”—a community for trauma and orthopedics within the AO Foundation. As a clinical division we aim to integrate and align applied and clinical research, education, and community development functions into one direction—AOTrauma for the benefit of our members, stakeholders, and patients.

How can AOTrauma benefit you? By working as a single team we focus and leverage our resources, expertise, and skills to create and deliver new and greater value to our members.

What does this mean in education? AOTrauma is committed to providing you the best possible educational experience by continuously embracing and introducing new educational techniques to help you learn and more effectively implement your knowledge for the benefit of your patients.

Why join AOTrauma? Joining AOTrauma means you are part of the trauma and orthopedic community within the AO. AOTrauma will help you develop lifelong friendships and relationships. We will help you access our “knowledge network” and take part in new opportunities that advance trauma care.

Yours sincerely,

Wa‘el Taha  
Chairperson AOTrauma  
Education Commission

John (Jack) Wilber  
Chairperson AOTrauma  
International Board

Peter Brink  
Chairperson AOTrauma  
EU Education Committee

PS: Your experiences with us, over the next few days, will result in the realization of new and meaningful knowledge, skills, and understanding that we hope will translate into improved patient care.
Content

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Goal of the seminar:
Provide information how manage infection in trauma patients

Target participants

Trauma, orthopedic surgeons
Residents, students

Learning objectives
Provide information about infection

Seminar description

One day specialized seminar dedicated to improve the participants’ understanding of underlying mechanisms during the infection process in trauma patients. Tips and techniques of how to deal with specific problems will be explained. A second part of the seminar will be dedicated to case-based presentations explaining the differences, specifics of different body segments.
Chairperson

Aleksas Makulavicius
Narunas Porvaneckas

International Faculty

Regional Faculty

M. Cimmerman
S. Velkes
N. Cohen
A. Smirnov
P. Volotovski

National Faculty

N. Porvaneckas
V. Uvarovas
J. Kurtinaitis
S. Sereika
A. Brazaitis
J. Vaiciulis
S. Ryliskis
G. Mazarevicius
D. Ulevicius
D. Vaitiekunas
2017 April 21

09:00-10:00  Registration

Module 1  Orthopedic infection

**Moderators:** M. Cimmerman, S. Velkes, and N. Porvaneckas

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:00-10:05</td>
<td>Opening and introduction</td>
<td>A. Makulavicius</td>
</tr>
<tr>
<td>10:05-10:15</td>
<td>Infection after surgical fracture treatment. Overview</td>
<td>S. Velkes</td>
</tr>
<tr>
<td>10:15-10:25</td>
<td>Suspicion and diagnosis of SSI</td>
<td>M. Cimmerman</td>
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<tr>
<td>10:25-10:35</td>
<td>Identification of micro-organism</td>
<td>N. Cohen</td>
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<tr>
<td>10:35-10:45</td>
<td>Radiographic examination</td>
<td>A. Brazaitis</td>
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<tr>
<td>10:45-10:55</td>
<td>How to debride?</td>
<td>N. Porvaneckas</td>
</tr>
<tr>
<td>10:55-11:05</td>
<td>Role of biofilm</td>
<td>N. Cohen</td>
</tr>
<tr>
<td>11:05-11:15</td>
<td>Implant retention v. exchange</td>
<td>A. Makulavicius</td>
</tr>
<tr>
<td>11:15-11:25</td>
<td>A role of antibiotics</td>
<td>M. Cimmerman, N. Cohen</td>
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<tr>
<td>11:25-11:35</td>
<td>Salvage options for difficult infection</td>
<td>A. Smirnov</td>
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<tr>
<td>11:35-11:45</td>
<td>Treatment mistakes</td>
<td>S. Velkes</td>
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<tr>
<td>11:45-11:55</td>
<td>Prevention of surgical infection</td>
<td>M. Cimmerman</td>
</tr>
<tr>
<td>11:55-12:10</td>
<td>Discussion. Summary</td>
<td>Faculty and participants</td>
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</tbody>
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12:10-12:30  COFFEE BREAK

Module 2  Infection of upper extremity and spine

**Moderators:** N. Cohen and V. Uvarovas

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>12:30-12:45</td>
<td>Proximal humerus</td>
<td>S. Ryliskis</td>
</tr>
<tr>
<td>12:45-13:00</td>
<td>Humerus shaft</td>
<td>J. Vaiciulis</td>
</tr>
<tr>
<td>13:00-13:15</td>
<td>Forearm</td>
<td>S. Sereika</td>
</tr>
<tr>
<td>13:15-13:30</td>
<td>Spine</td>
<td>V. Uvarovas</td>
</tr>
<tr>
<td>13:30-13:45</td>
<td>Discussion. Summary</td>
<td>Faculty and participants</td>
</tr>
</tbody>
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13:45-14:45  LUNCH

Module 3  Infection of lower extremity

**Moderators:** A. Smirnov and N. Porvaneckas

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker(s)</th>
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</thead>
<tbody>
<tr>
<td>14:45-15:00</td>
<td>Proximal femur</td>
<td>J. Kurtinaitis</td>
</tr>
<tr>
<td>15:00-15:15</td>
<td>Shaft</td>
<td>D. Ulevicius</td>
</tr>
<tr>
<td>15:15-15:30</td>
<td>Locked Antibiotic-Eluting Nail in Patient with Infected femoral Non-Union</td>
<td>P. Volotovski</td>
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<tr>
<td>15:30-15:45</td>
<td>Distal femur</td>
<td>D. Vaitiekunas</td>
</tr>
<tr>
<td>15:45-16:00</td>
<td>Discussion. Summary</td>
<td>Faculty and participants</td>
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Module 4  Infection of the tibia and foot

**Moderators:** S. Velkes and A. Makulavicius

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<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker(s)</th>
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</thead>
<tbody>
<tr>
<td>16:00-16:15</td>
<td>Proximal tibia</td>
<td>G. Mazarevicius</td>
</tr>
<tr>
<td>16:15-16:30</td>
<td>Diaphysis</td>
<td>J. Kurtinaitis</td>
</tr>
<tr>
<td>16:30-16:45</td>
<td>Distal tibia</td>
<td>G. Mazarevicius</td>
</tr>
<tr>
<td>16:45-17:00</td>
<td>Ankle</td>
<td>A. Makulavicius</td>
</tr>
<tr>
<td>17:00-17:15</td>
<td>Discussion</td>
<td>Faculty and participants</td>
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Summary and closing
Event organization

AOTrauma Europe.

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.

Event information and logistics

Contact chairpersons if additional details are needed.

Event 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.

General information

Event fee
AOTrauma Seminar—Management of infection in trauma patients: € 70. Residents: € 50. Included in the course fee are lunch, coffee breaks, course certificate.

European CME Accreditation
An application has NOT been made to the UEMS-EACCME® in Brussels for CME accreditation of this event.

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

Intellectual property
Event materials, presentations, and case studies are the intellectual property of the event faculty. All rights are reserved. Check hazards and legal restrictions on www.aofoundation.org/legal.

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

The AO Foundation reserves the right to film, photograph, and audio record during their events. Participants must understand that in this context they may appear in these recorded materials. The AO Foundation assumes participants agree that these recorded materials may be used for AO marketing and other
purposes, and made available to the public.

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

No insurance
The event organization does not take out insurance to cover any individual against accidents, theft, 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.

Dress code
Casual.

Further information
Contact responsible person if needed. Assistance will be provided.

Event venue
Crowne Plaza Vilnius
M. K. Ciurlionio 84, LT03100 Vilnius, Lithuania
e-mail: hotel@cpvilnius.com
Telephone: +370 (5) 2743400
http://www.cpvilnius.com/

Accommodation for participants
Not provided.
AO Foundation—Principles of AO Educational Events

1) Academic independence

Development of all curricula, design of scientific event programs, and selection of faculty are the sole responsibilities of volunteer surgeons from the AO network. All education is planned based on needs assessment data, designed and evaluated using concepts and evidence from the most current medical education research, and involving the expertise of the AO Education Institute (www.aofoundation.org).

Industry participation is not allowed during the entire curriculum development and planning process to ensure academic independence and to keep content free from bias.

2) Compliance to accreditation and industry codes

All planning, organization, and execution of educational activities follow existing codes for accreditation of high-quality education:

- Accreditation Criteria of the Accreditation Council for Continuing Medical Education, USA (www.accme.org)
- ACCME Standards for Commercial Support: Standards to Ensure Independence in CME Activities (www.accme.org)
- Criteria for Accreditation of Live Educational Events of the European Accreditation Council for Continuing Medical Education (www.uems.eu)

Events that receive direct or indirect unrestricted educational grants or in-kind support from industry also follow the ethical codes of the medical industry, such as:

- Eucomed Guidelines on Interactions with Healthcare Professionals (www.medtecheurope.org)
- Advamed Code of Ethics on Interactions with Health Care Professionals (advamed.org)
- Mecomed Guidelines on Interactions with Healthcare Professionals (www.mecomed.org)

3) Branding and advertising

No industry logos or advertising (with the exception of the AO Foundation and AO Clinical Division) are permitted in the area where educational activities take place.

Sponsors providing financial or in-kind support are allowed to have a promotional booth or run activities outside the educational area with approval from the event chairperson.

4) Use of technologies and products in simulations

If case simulations are chosen as an educational method to educate skills, we only use technology approved by the AOTK System (AOTK)—a large independent group of volunteer surgeons developing and peer-reviewing new technology (more information about AOTK, its development and approval process can be found on the AO Foundation website: www.aofoundation.org).

5) Personnel

Industry staff is not allowed to interfere with the educational content or engage in educational activities during the event.
Driving excellence and empowering the next generation

AOTrauma membership
Discover the advantages of joining the leading global trauma and orthopedic community, providing its members with education, research and networking opportunities worldwide.

Apply for membership at www.aotrauma.org

Join us and share your passion

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Phone +41 81 414 21 11, Fax +41 81 414 22 83, membership@aotrauma.org