Course program

AO Trauma Seminar
Non unions

February 5, 2016
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.
Dear AOTrauma course participant

We are honored to welcome you to the AOTrauma Seminar—non unions. We hope you will enjoy your course 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,

Kodi Kojima
Chairperson AOTrauma
Education Commission

Jack Wilber
Chairperson AOTrauma
International Board

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.
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Goal of the course

The AOTrauma Seminar—Non unions teaches fundamental principles and current concepts in the treatment of upper and lower limb injuries, incorporating the latest techniques in operative non union management. The AOTrauma Seminar—Non unions is the step along the path of lifelong learning in the area of operative fracture management. This course mainly focuses on the basic principles and advanced techniques of upper and lower limb fracture non union management.

Target participants

The AOTrauma Seminar—Non unions is targeted at physicians in surgical training but is also open to anyone else who is interested in furthering their knowledge and skills in operative non union management.

Course objectives

At the end of this course, participants will be able to:

- Discuss the concepts of non union management of upper and lower extremities, and how to apply implants to achieve appropriate stability.
- Plan a treatment based on assessment, imaging, classification, and decision making
- Apply techniques in non union management with attention to the importance of the soft tissues
- Treat non unions using different techniques
- Evaluate and recognize the special problems
Course description

The course contains several evidence-based lectures, which cover the key information required. Discussing cases helps participants to understand decision-making and management skills.

Chairpersons:

Steve Velkes
Aleksas Makulavicius

makulaviciusa@gmail.com

Faculty

S. Velkes
J. Monk
A. Smirnov
J. Kurtinaitis
S. Ryliskis
J. Vaiciulis
G. Mazarevicius
A. Makulavicius
### Friday, February 5, 2016

**10:00-10:30**  
**Registration**

**Module 1**  
**Introduction. Moderators: S. Velkes, J. Monk**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Presenter(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:30-10:35</td>
<td>Opening and Introduction</td>
<td>S. Velkes, A. Makulavicius</td>
</tr>
<tr>
<td>10:35-10:50</td>
<td>A role of AO principles. Failures in application of absolute and relative stability</td>
<td>A. Makulavicius</td>
</tr>
<tr>
<td>10:50-11:05</td>
<td>Aseptic non unions - classification and principles of management</td>
<td>J. Monk</td>
</tr>
<tr>
<td>11:05-11:20</td>
<td>Infected non unions. Treatment options</td>
<td>S. Velkes</td>
</tr>
<tr>
<td>11:20-11:35</td>
<td>Techniques in management of bone defects. Stimulation of bone healing</td>
<td>G. Mazarevicius</td>
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</tbody>
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**11:35-11:50**  
Interactive case presentation. Discussion

**Module 2**  
**Non unions of upper extremity. Moderators: J. Kurtinaitis, S. Ryliskis**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Presenter(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:50-12:10</td>
<td>Non unions of the proximal humerus. Treatment options.</td>
<td>S. Ryliskis</td>
</tr>
<tr>
<td>12:10-12:30</td>
<td>Non unions of humerus shaft</td>
<td>J. Vaiciulis, G. Mazarevicius</td>
</tr>
<tr>
<td>12:30-13:10</td>
<td>Interactive case presentation. Discussion</td>
<td>Faculty and participants</td>
</tr>
<tr>
<td>13:10-13:15</td>
<td>Message to take home</td>
<td>Faculty</td>
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**13:15-14:15**  
**LUNCH**

**Module 3**  
**Non unions of the femur. Moderators: S. Velkes and J. Kurtinaitis**

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<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Presenter(s)</th>
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</thead>
<tbody>
<tr>
<td>15:00-15:45</td>
<td>Interactive case presentation. Discussion</td>
<td>Faculty and participants</td>
</tr>
<tr>
<td>15:45-15:50</td>
<td>Message home</td>
<td>Faculty</td>
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**15:50-16:20**  
**COFFEE BREAK**

**Module 4**  
**Non unions of the tibia. Moderators: S. Velkes and A. Makulavicius**

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<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Presenter(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>16:20-16:50</td>
<td>Non unions of tibial shaft. Evaluation and implant selection.</td>
<td>A. Smirnov</td>
</tr>
<tr>
<td>16:50-17:10</td>
<td>Non unions of distal tibia. Treatment options.</td>
<td>A. Makulavicius</td>
</tr>
<tr>
<td>17:10-17:40</td>
<td>Wound coverage considerations for defects of the lower limb</td>
<td>S. Kaupas, G. Rauba</td>
</tr>
<tr>
<td>17:40-18:30</td>
<td>Interactive case presentation. Discussion</td>
<td>Faculty and participants</td>
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**18:30**  
**DINNER**
Course organization

AOTrauma Europe
Calavdelerstrasse 8
7270 Davos, Switzerland
Phone +41 81 414 27 20
Fax +41 81 414 22 84
Email courses@aotrauma.org

Course logistics

Industrial partner
Johnson & Johnson UAB
Gelezinio vilko str. 18 A
Vilnius LT-08104
Phone +370 5 263 6162
Fax +370 5 2755 008
Email: ealeknai@its.jnj.com

Course information

Course fee
AO trauma members EUR 40
Non members EUR 50
Residents EUR 30

Included in the course fee are conference bag with documentation, coffee breaks, course dinner, course certificate and accreditation.

Accompanying persons
30.00 EUR will be charged, which includes coffee breaks, lunches, and the cocktail reception, without access to lecture and workshop rooms.

Accreditation
AOTrauma Courses are accredited for continuing medical education (CME) programs. The number of credit points or hours varies from country to country. The final information and number of credit points will be distributed with the course certificate.

Evaluation guidelines
All AOTrauma courses apply the same evaluation process, either audience response system (ARS) or paper and pencil questionnaires. This will help AOTrauma to ensure that we continue to meet your training needs. In some regions, CME accreditation is dependent on the participant’s evaluation results.

Intellectual property
Course materials, presentations, and case studies are the intellectual property of the course 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 course 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
Transfer should be arranged individually.

Dress code
Casual
Course venue

Hotel Crown Plaza Vilnius
Ciurlionio Street 84
Vilnius 03100
Lithuania

http://www.cpvilnius.com/

Upcoming courses

For upcoming courses visit www.aotrauma.org
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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