AO Trauma and AO Recon Seminar—
Patient Adapted Reconstruction Around the Knee

January 24, 2020
Vilnius, Lithuania
Mission
The AO’s mission is promoting excellence in patient care and outcomes in trauma and musculoskeletal disorders.

Purpose statement
AO Recon is a global network of orthopedic surgeons committed to best-in-class education in joint preservation and replacement.

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.
Chairpersons

Aleksas Makulavicius
Vilnius, Lithuania

Luigi Zagra
Milan, Italy

International faculty

Philipp Lobenhoffer
Hannover, Germany

Mehmet Ali Deveci
Istanbul, Turkey

George Macheras
Athens, Greece

National faculty

Jaunius Kurtinaitis
Vilnius, Lithuania

Alfredas Smailys
Kaunas, Lithuania

Mindaugas Stravinskas
Kaunas, Lithuania

Justas Stucinskas
Kaunas, Lithuania

Tomas Sveikata
Vilnius, Lithuania

Sarunas Tarasevicius
Kaunas, Lithuania
**Friday**  
**January 24, 2020**

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<tr>
<th>Time</th>
<th>Event</th>
<th>Presenter(s)</th>
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<tr>
<td>09:00–10:00</td>
<td>Participant registration</td>
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<tr>
<td>10:00–10:05</td>
<td>Welcome and introduction</td>
<td>L Zagra and A Makulavicius</td>
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<tr>
<td>10:05–10:20</td>
<td>Primary malignant bone tumors around the knee</td>
<td>M A Deveci</td>
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<td>10:20–10:30</td>
<td>Treatment strategies and techniques for aggressive benign bone tumors around the knee</td>
<td>M Stravinskas</td>
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<tr>
<td>10:30–10:40</td>
<td>Case based presentation Treatment strategies and techniques for primary bone tumors.</td>
<td>M A Deveci</td>
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<tr>
<td>10:40–10:50</td>
<td>Treatment strategies and techniques for pathological fractures</td>
<td>J Kurtinaitis</td>
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<tr>
<td>10:50–11:00</td>
<td>Limb preservation system (LPS) for massive bone defects around the knee</td>
<td>S Tarasevicius</td>
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<tr>
<td>11:00–11:10</td>
<td>Questions and answers</td>
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<tr>
<td>11:10–11:20</td>
<td>Coffee break</td>
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<tr>
<td>11:20–12:00</td>
<td>Case-based discussion: bone tumors and large defects</td>
<td>M A Deveci and J Kurtinaitis</td>
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<tr>
<td>12:00–12:10</td>
<td>Treatment strategies and techniques for posttraumatic bone defects</td>
<td>A Smailys</td>
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<tr>
<td>12:15–12:30</td>
<td>Periprosthetic fractures around the knee: classification and indication for treatment</td>
<td>G Macheras</td>
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<tr>
<td>12:30–12:45</td>
<td>Strategies for the infected TKA</td>
<td>L Zagra</td>
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<tr>
<td>12:45–12:50</td>
<td>Questions and answers</td>
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<tr>
<td>12:50–13:30</td>
<td>Case-based discussion: periprosthetic fracture and infection</td>
<td>L Zagra and G Macheras</td>
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<tr>
<td>13:30–14:30</td>
<td>Lunch</td>
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## Module 2
**Moderators: P Lobenhoffer and A Makulavicius**

### Deformity reconstruction around the knee joint

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Presenter(s)</th>
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</thead>
<tbody>
<tr>
<td>14:30-14:45</td>
<td>Evaluation of knee pathology and planning of reconstruction including approaches</td>
<td>L Zagra</td>
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<tr>
<td>14:45-14:55</td>
<td>HTO v. UKR v. TKR</td>
<td>G Macheras</td>
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<tr>
<td>15:05-15:15</td>
<td>TKR. Patient selection and planning</td>
<td>J Stucinskas</td>
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<tr>
<td>15:15-15:25</td>
<td>Patellar tracking</td>
<td>S Tarasevicius</td>
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<tr>
<td>15:25-15:35</td>
<td>Questions and answers</td>
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<tr>
<td>15:35-16:20</td>
<td>Case-based discussion: TKR and UKR including complications</td>
<td>L Zagra and A Smailys</td>
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<tr>
<td>16:20-16:40</td>
<td>Coffee break</td>
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<tr>
<td>16:40-16:50</td>
<td>Evaluation of lower limb alignment and planning of deformity correction</td>
<td>A Makulavicius</td>
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<tr>
<td>16:50-17:00</td>
<td>HTO. State of the art, tips and tricks</td>
<td>P Lobenhoffer</td>
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<tr>
<td>17:00-17:10</td>
<td>HTO with Ilizarov Ex Fix</td>
<td>A Makulavicius</td>
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<tr>
<td>17:10-17:20</td>
<td>Distal femoral osteotomy</td>
<td>P Lobenhoffer</td>
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<tr>
<td>17:20-17:30</td>
<td>HTO with additional mosaicplasty</td>
<td>A Makulavicius</td>
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<tr>
<td>17:30-17:50</td>
<td>Double osteotomies. Indications, planning, tips and tricks</td>
<td>P Lobenhoffer</td>
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<tr>
<td>17:50-18:00</td>
<td>Questions and answers</td>
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<tr>
<td>18:00-18:45</td>
<td>Case-based discussion: osteotomies around the knee</td>
<td>P Lobenhoffer and A Makulavicius</td>
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<tr>
<td>18:45-18:55</td>
<td>Questions, seminar evaluation, summary and closing remarks</td>
<td>L Zagra and A Makulavicius</td>
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<td>19:00</td>
<td>End of seminar</td>
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Event information

Event fee
The seminar fee is EUR 75 and includes admission to the seminar as well as documentation, coffee breaks, lunches and certificate.

Certificate
Hard copies of the certificates are provided at the end of the day. Certificates will only be issued to participants who have attended the entire seminar.

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

Recording, photographing, or copying lectures, practical exercises, case discussions, or any event materials is strictly forbidden. Participants violating intellectual property will be dismissed.

Security
Security checks may be conducted at the entrance of the building. Wearing of a name tag is compulsory.

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

Use of mobile phones
Use of mobile phones 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.

Conflicts of Interest (COI)
All disclosure information can be viewed on https://aorecon.aofoundation.org/disclosure.html

The AO Foundation reserves the right to film, photograph, and audio record during its 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 the AO’s marketing and other purposes, and that they may be made available to the public.
Event organization

AO Recon
Camilla Keller
Clavadelerstrasse 8
7270 Davos Platz
Phone +41 81 414 27 57
E-mail camilla.keller@aorecon.org

AO funding sources
Unrestricted educational grants from different sources are collected and pooled together centrally by the AO. 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 and/or skills training if educationally necessary.

Event logistics

Local Event Organizer
KO courses Central Eastern Europe
Jarka Horakova
Phone +420 736 681 505
E-mail jaroslava.horakova@aocourses.org

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.
Event venue

Crowne Plaza Vilnius
M. K. Ciurlionio 84
LT03100 Vilnius
Lithuania
+370 (5) 2743400
info@cpvilnius.com
http://www.cpvilnius.com/
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 AO network surgeons. All education is planned based on needs assessment data, designed and evaluated using concepts and evidence from the most current medical education research, and reflects 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, US (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 (apart from the AO Foundation and its clinical divisions) 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
In case simulations are chosen as an educational method to educate skills, the technology used has been reviewed by the AO Technical Commission—a large independent group of volunteer surgeons developing and peer-reviewing new technology on behalf of the AO Foundation.

Any technology used in the practical sessions of this event has been found suitable to serve the defined educational purposes. This does not imply any statement about its use in actual clinical scenarios.

More information on the AO Technical Commission can be found on the AO’s website: www.aofoundation.org.

5. Personnel
Industry staff members are not permitted to interfere with the educational content or engage in educational activities during the event.
AO Recon is a global network of orthopedic surgeons committed to best-in-class education in joint preservation and replacement.