Event program

AORecon Course—Principles of Total Hip and Knee Arthroplasty

With Skills Lab

17–18 May, 2019  Athens, Greece
Mission

The AO’s mission is promoting excellence in patient care and outcomes in trauma and musculoskeletal disorders.

Purpose statement

AORcon is a global network of orthopedic surgeons delivering best-in-class education in joint preservation and replacement.

7 Principles of Education
Dear participant,

It is with great pleasure that we welcome you to our updated principles course. Based on our evaluations and the accumulated feedback we have received from participants, we have optimized this course to specifically focus on the key principles of primary hip and knee arthroplasty.

Over the program’s two days, renowned expert surgeons will lead relevant discussion groups and instructional lectures, and deliver technical know-how to develop your surgical management skills and decision-making competency.

Your current level of knowledge, attitudes, and skills will be challenged throughout the course. The best-in-class curriculum and faculty will provide you a memorable learning experience that will remain with you for a lifetime.

We hope that you will immediately integrate these insights into your daily practice, in order to reach our shared goal: to improve patient care through surgical excellence.

Yours sincerely,

*Norbert P. Haas*
AORecon Steering Board

*Carsten Perka*
AORecon Education Forum

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The first AO Course was held in Davos in 1960—these early courses pioneered psychomotor techniques by teaching practical skills of AO Techniques. Since those early days over 250,000 surgeons and 135,000 ORP staff from over 110 countries have attended AO Courses.
Goal of the event

The AORcon Course—Principles of Total Hip and Knee Arthroplasty teaches fundamental principles and current concepts in the treatment of patients with a need for primary arthroplasty in the hip and knee. This course is the initial step along the path of lifelong learning in the area of joint arthroplasty. Based on a patient-centered approach this course focuses on the key principles of primary arthroplasty.

Target audience

This course is targeted at newly certified orthopedic surgeons and advanced orthopedic surgical trainees.

Learning objectives

At the end of the event, the participants will be able to:
- Describe a systematic assessment including clinical evaluation
- Identify patient’s reconstructive surgery needs
- Adopt a patient-centered approach
- Anticipate, recognize, and stratify potential complications
- Describe and discuss safe and effective procedures for primary arthroplasty
- Discuss the management of early and late problems or complications
- Communicate and facilitate a multidisciplinary team-based approach
- Apply best practice to optimize and document patient outcomes

Event description

This course is modular in structure and highly interactive. Short, evidence-based lectures cover the key information required. Moderated case discussions in small groups will expand on each topic and help participants to develop decision-making and surgical management skills. Participants will practice templating and have the opportunity to share their experience with peers and international faculty. All factors related to achieving the best possible outcomes in primary arthroplasty will be covered.
Chairpersons

Jean-Noël Argenson  
Marseille, France

George Macheras  
Athens, Greece

International and Regional Faculty

Bas Masri  
Vancouver, Canada

Francesco Benazzo  
San Matteo, Italy

Philipp von Roth  
Regensburg, Germany

Plamen Kinov  
Sofia, Bulgaria

Samih Tarabichi  
Dubai, United Arab Emirates

National Faculty

Eleftherios Tsiridis  
Thessaloniki, Greece

George Babis  
Athens, Greece

George Drosos  
Alexandroupolis, Greece

Lazaros Poultsides  
New York, USA

Panayiotis Christofilopoulos  
Geneva, Switzerland

Panos Tsailas  
Athens, Greece

Spyros Pneumatikos  
Kifisiá, Greece

Takis Koulouvaris  
Athens, Greece

Theofilios Karachalios  
Thessaly, Greece
### Module 1: Perioperative Management of Total Hip and Knee Arthroplasty

At the end of this module, participants will be able to:
- Perform a systematic assessment including clinical, radiographic, and laboratory evaluation to maximize the patient’s outcome after THA or TKA

**Moderator:** JN Argenson

<table>
<thead>
<tr>
<th>Time</th>
<th>Agenda Item</th>
<th>Who</th>
</tr>
</thead>
<tbody>
<tr>
<td>08:00–08:10</td>
<td>Welcome and introduction to the course</td>
<td>JN Argenson, G Macheras</td>
</tr>
<tr>
<td>08:10–09:10</td>
<td><strong>Case discussions in small groups:</strong> Assessment and decision making</td>
<td>All faculty</td>
</tr>
<tr>
<td>09:10–09:20</td>
<td>Summary: Optimizing the patient journey</td>
<td>B Masri</td>
</tr>
<tr>
<td>09:20–09:30</td>
<td>Questions &amp; answers</td>
<td>All faculty</td>
</tr>
<tr>
<td>09:30–09:40</td>
<td>Closing of module: take-home messages</td>
<td>JN Argenson</td>
</tr>
</tbody>
</table>

### Module 2: Performing Total Hip Arthroplasty

At the end of this module, participants will be able to:
- Describe and prepare safe and effective procedures
- Recognize, stratify, and manage early and late problems or complications
- Facilitate a multidisciplinary team-based approach
- Apply best practice to optimize patient outcomes

**Moderator:** G Macheras

<table>
<thead>
<tr>
<th>Time</th>
<th>Agenda Item</th>
<th>Who</th>
</tr>
</thead>
<tbody>
<tr>
<td>09:40–09:50</td>
<td>Preoperative planning to restore hip biomechanics in THA</td>
<td>P Christofilopoulos</td>
</tr>
<tr>
<td>09:50–10:00</td>
<td>Overview of surgical approaches for THA</td>
<td>P von Roth</td>
</tr>
<tr>
<td>10:00–10:10</td>
<td>Questions and answers</td>
<td>All faculty</td>
</tr>
<tr>
<td>10:10–10:30</td>
<td><strong>BREAK</strong></td>
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<tr>
<td>10:30–10:45</td>
<td>Cemented fixation</td>
<td>E Tsiridis</td>
</tr>
<tr>
<td>10:45–10:55</td>
<td>Cementless fixation of the cup</td>
<td>G Macheras</td>
</tr>
<tr>
<td>10:55–11:05</td>
<td>Cementless fixation of the stem</td>
<td>G Babis</td>
</tr>
<tr>
<td>11:05–11:15</td>
<td>Questions and answers</td>
<td>All Faculty</td>
</tr>
<tr>
<td>11:15–11:25</td>
<td>Preventing dislocation in THA</td>
<td>L Poultsides</td>
</tr>
<tr>
<td>11:25–11:35</td>
<td>Bearing choice in THA</td>
<td>P Christofilopoulos</td>
</tr>
<tr>
<td>11:35–11:45</td>
<td>Questions and answers</td>
<td>All Faculty</td>
</tr>
<tr>
<td>11:45–11:55</td>
<td>Intraoperative challenges and complications</td>
<td>B Masri</td>
</tr>
<tr>
<td>11:55–12:40</td>
<td><strong>Case discussions in small groups:</strong> Total hip arthroplasty—surgical approaches, preventing dislocation, and fixation</td>
<td>All faculty</td>
</tr>
<tr>
<td>12:40–13:40</td>
<td><strong>LUNCH BREAK</strong></td>
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# Friday, 17 May, 2019

<table>
<thead>
<tr>
<th>TIME</th>
<th>AGENDA ITEM</th>
<th>WHO</th>
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</thead>
<tbody>
<tr>
<td>13:40–13:50</td>
<td>Infection</td>
<td>S Pneumatikos</td>
</tr>
<tr>
<td>13:50–14:00</td>
<td>Periprosthetic fractures</td>
<td>P Kinov</td>
</tr>
<tr>
<td>14:00–14:10</td>
<td>Key steps in planning THA</td>
<td>T Koulouvaris</td>
</tr>
<tr>
<td>14:10–16:10</td>
<td><strong>Group A:</strong></td>
<td>All faculty</td>
</tr>
<tr>
<td></td>
<td>• Templating exercise Hip (60 min)</td>
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<td></td>
<td>• Case discussions in small groups (60 min):</td>
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<tr>
<td></td>
<td>Total hip arthroplasty–intraoperative challenges and complications</td>
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<td></td>
<td><strong>Group B:</strong></td>
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<tr>
<td></td>
<td><strong>AOREcon Skills Stations</strong></td>
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<tr>
<td></td>
<td>• Reaming the acetabulum and inserting a cup (30 min)</td>
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<tr>
<td></td>
<td>• Preparing the femur and inserting a stem (30 min)</td>
<td></td>
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<tr>
<td></td>
<td>• Safe zones for screw insertion (30 min)</td>
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<tr>
<td></td>
<td>• Meet the Experts (30 min)</td>
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<tr>
<td>16:10–16:30</td>
<td><strong>BREAK</strong></td>
<td></td>
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<tr>
<td>16:30–18:30</td>
<td><strong>Group B:</strong></td>
<td>All faculty</td>
</tr>
<tr>
<td></td>
<td>• Templating exercise Hip (60 min)</td>
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<tr>
<td></td>
<td>• Case discussions in small groups (60 min):</td>
<td></td>
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<td><strong>Group A:</strong></td>
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<td></td>
<td>• Safe zones for screw insertion (30 min)</td>
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<tr>
<td></td>
<td>• Meet the Experts (30 min)</td>
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</tr>
<tr>
<td>18:30–18:40</td>
<td>Closing of module: Take-home messages</td>
<td>JN Argenson</td>
</tr>
</tbody>
</table>
### Saturday, 18 May, 2019

**Module 3: Performing Total Knee Arthroplasty**

At the end of this module, participants will be able to:
- Describe and prepare safe and effective procedures
- Recognize, stratify, and manage early and late problems or complications
- Facilitate a multidisciplinary team-based approach
- Apply best practice to optimize patient outcomes

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<tr>
<th>TIME</th>
<th>AGENDA ITEM</th>
<th>WHO</th>
</tr>
</thead>
<tbody>
<tr>
<td>08:30–08:40</td>
<td>Surgical approaches for TKA</td>
<td>P Tsailas</td>
</tr>
<tr>
<td>08:40–08:50</td>
<td>Limb alignment and kinematics</td>
<td>T Karachalios</td>
</tr>
<tr>
<td>08:50–09:00</td>
<td>Questions and answers</td>
<td>All Faculty</td>
</tr>
<tr>
<td>09:00–09:10</td>
<td>Bone cuts in TKA</td>
<td>G Drosos</td>
</tr>
<tr>
<td>09:10–09:20</td>
<td>Balancing the varus knee and fixed flexion contracture</td>
<td>S Tarabichi</td>
</tr>
<tr>
<td>09:20–09:30</td>
<td>Balancing the valgus knee</td>
<td>JN Argenson</td>
</tr>
<tr>
<td>09:30–09:40</td>
<td>The role of the PCL in TKA</td>
<td>T Karachalios</td>
</tr>
<tr>
<td>09:40–09:50</td>
<td>Questions and answers</td>
<td>All Faculty</td>
</tr>
<tr>
<td>09:50–10:10</td>
<td>COFFEE BREAK</td>
<td></td>
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<tr>
<td>10:10–10:20</td>
<td>TKA after previous high tibial osteotomy (HTO)</td>
<td>F Benazzo</td>
</tr>
<tr>
<td>10:20–10:30</td>
<td>TKA after previous trauma</td>
<td>B Masri</td>
</tr>
<tr>
<td>10:30–10:40</td>
<td>TKA after previous unicompartmental arthroplasty</td>
<td>JN Argenson</td>
</tr>
<tr>
<td>10:40–10:50</td>
<td>Questions and answers</td>
<td>All faculty</td>
</tr>
<tr>
<td>10:50–11:00</td>
<td>Patellofemoral resurfacing and tracking</td>
<td>S Tarabichi</td>
</tr>
<tr>
<td>11:00–11:10</td>
<td>Diagnosis and treatment of infection in TKA</td>
<td>G Babis</td>
</tr>
<tr>
<td>11:10–11:20</td>
<td>Questions and answers</td>
<td>All faculty</td>
</tr>
<tr>
<td>11:20–11:30</td>
<td>Key steps in planning TKA</td>
<td>F Benazzo</td>
</tr>
<tr>
<td>11:30–12:30</td>
<td>LUNCH BREAK</td>
<td></td>
</tr>
</tbody>
</table>
| 12:30–14:30 | **Group A:**
| | • Meet the Experts (60 min)
| | • Case discussions in small groups (60 min):
| | Total knee arthroplasty–intraoperative challenges and complications | All faculty |
| 14:30–14:50 | BREAK | |
| 14:50–16:50 | **Group A:**
| | All faculty |
| 16:50–17:10 | **Group B:**
| | Meet the Experts and case discussions | All faculty |
| 17:10–17:20 | **Group B:**
| | Closing of module and course: Take-home messages | G Macheras, JN Argenson |
Event organization

**AO Foundation | AOREcon**
Sina Henrichs  
Clavadelerstrasse 8  
7270 Davos Platz  
Phone +41 79 815 27 76  
Email sina.henrichs@aorecon.org

**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 logistics

**AO Courses**
George Georgiou  
Email: georgiou.george@ao-courses.com

**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 Athens**
Michalacopoulou Street 50, Athens, 11528, Greece  
info@cpathens.com  
+30 210 727 80 00  
www.crowneplaza.com/CrownePlaza/Athens
General information

**Event fee**
The course fee is EUR 391 (early registration) and EUR 460 after 50% filled rate. It includes admission to the course as well as documentation, coffee breaks, lunches and course certificate.

**Course certificate**
Hard copies of the course certificate are provided at the end of the last course day. Certificates will only be issued to participants who have attended the entire course.

**European CME Accreditation**
For this event the UEMS-EACCME® in Brussels have granted 13 European CME credits (ECMEC).

**Evaluation guidelines**
All AORecon courses apply the same evaluation process, either the audience response system (ARS), paper and pencil questionnaires, or online survey. This will help AORecon 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**
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.aorecon.org/disclaimer.

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

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**
Security checks may be conducted 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, 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
AO Foundation—Principles of AO Educational Events

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.

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)

Branding and advertising
No industry logos or advertising (with the exception of the AO Foundation and AO 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.

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 the AOTK, its development and approval process can be found on the AO Foundation website: www.aofoundation.org).

Personnel
Industry staff are not allowed to interfere with the educational content or engage in educational activities during the event.
## AORecon Course—Principles of Total Hip and Knee Arthroplasty

**Asia Pacific**
- **May 04–05**: Yantai, China
- **Jun 29–30**: Jakarta, Indonesia
- **Sep 07–08**: Jaipur, India
- **Oct 19–20**: Zhengzhou, China

**Europe & Southern Africa**
- **May 17–18**: Athens, Greece
- **Sep 13–14**: Targu-Mures, Romania
- **Sep 20–21**: Ljubljana, Slovenia
- **Nov 08–09**: Moscow, Russia

**Latin America**
- **Jun 12–13**: Sao Paulo, Brazil
- **Aug 02–03**: Bogota, Colombia
- **Aug 08–09**: Santiago, Chile
- **Sep 06–07**: Buenos Aires, Argentina

**Middle East & Northern Africa**
- **Jul 04–05**: Beirut, Lebanon
- **Nov 02–03**: Cairo, Egypt

## AORecon Course—Complex Total Hip and Knee Arthroplasty

**Asia Pacific**
- **Jun 01–02**: Taipeih, Taiwan
- **Aug 10–11**: Hangzhou, China

**Europe & Southern Africa**
- **Oct 11–12**: Prague, Czech Republic
- **Dec 02–03**: Davos, Switzerland

**Latin America**
- **Jun 14–15**: Sao Paulo, Brazil

## AORecon Seminar—Principles of Shoulder Arthroplasty

**Europe & Southern Africa**
- **Nov 30**: Moscow, Russia

**Latin America**
- **Aug 30**: Cartagena, Colombia

## AOTrauma/AORecon Course—Comprehensive Periprosthetic Fracture Management

**Europe & Southern Africa**
- **Apr 04–06**: Rijeka, Croatia
- **Dec 05–07**: Davos, Switzerland

**Latin America**
- **Aug 05–06**: Bogota, Colombia

## AORecon Webinars

**Online**
- **Jun 25**: Prosthesis Infections
- **Nov 05**: Hip Dislocation

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**www.aorecon.org**

Joint preservation and replacement by **AO Foundation**

All educational activities may be subject to change.