



Event program

# AORecon Course—Principles of Total Hip and Knee Arthroplasty

DD MM 2019 City, Country

## Mission

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

## Purpose statement

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

## The AO 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

## Goal of the event

The AORecon 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

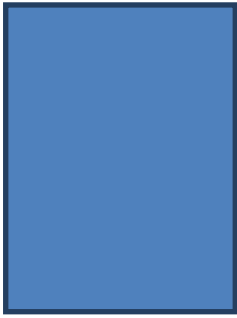
At the end of the event, the participants will be able to:

- 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



**First name, last name**  
City, Country



**First name, last name**  
City, Country

## International and Regional Faculty

FirstName	Surname	City, Country
FirstName	Surname	City, Country

## National Faculty

FirstName	Surname	City, Country
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**Day, DD MM, 2019**

Time	AGENDA ITEM	WHO
08:00–08:10	Welcome and introduction to the course	Chairpersons
Module 1	<p>PERIOPERATIVE MANAGEMENT OF TOTAL HIP AND KNEE ARTHROPLASTY</p> <p>At the end of this module, participants will be able to:</p> <ul style="list-style-type: none"> <li>Perform a systematic assessment including clinical, radiographic, and laboratory evaluation to maximize the patient's outcome after THA or TKA</li> </ul>	Moderator
08:10–09:10	Case discussions in small groups: Assessment and decision making	All faculty
09:10–09:20	Summary: Optimizing the patient journey	
09:20–09:30	Questions and answers	All faculty
09:30–09:40	Closing of module: take-home messages	
Module 2	<p>PERFORMING TOTAL HIP ARTHROPLASTY</p> <p>At the end of this module, participants will be able to:</p> <ul style="list-style-type: none"> <li>Describe and prepare safe and effective procedures</li> <li>Recognize, stratify, and manage early and late problems or complications</li> <li>Facilitate a multidisciplinary team-based approach</li> <li>Apply best practice to optimize patient outcomes</li> </ul>	Moderator
09:40–09:50	Preoperative planning to restore hip biomechanics in THA	
09:50–10:00	Overview of surgical approaches for THA	
10:00–10:10	Questions and answers	
10:10–10:30	BREAK	
10:30–10:45	Cemented fixation	
10:45–10:55	Cementless fixation of the cup	
10:55–11:05	Cementless fixation of the stem	
11:05–11:15	Questions and answers	All Faculty

Time	AGENDA ITEM	WHO
11:15–11:25	Preventing dislocation in THA	
11:25–11:35	Bearing choice in THA	
11:35–11:45	Questions and answers	All Faculty
11:45–11:55	Intraoperative challenges and complications	
11:55–12:40	Case discussions in small groups: Total hip arthroplasty—surgical approaches, preventing dislocation, and fixation	All faculty
12:40–13:40	LUNCH BREAK	
13:40–13:50	Infection	
13:50–14:00	Periprosthetic fractures	
14:00–14:10	Key steps in planning THA	
14:10–16:10	<p>Group A:  - Templating exercise hip (60 min)  - Case discussions in small groups (60 min): Total hip arthroplasty—intraoperative challenges and complications</p> <p>Group B:  AORecon Skills Stations: Hip  1. Reaming the acetabulum and inserting a cup (30 min)  2. Preparing the femur and inserting a stem (30 min)  3. Safe zones for screw insertion (30 min)  4. Meet the experts (30 min)</p>	All faculty
16:10–16:30	BREAK	
16:30–18:30	<p>Group B:  - Templating exercise hip (60 min)  - Case discussions in small groups (60 min): Total hip arthroplasty—intraoperative challenges and complications</p> <p>Group A:  AORecon Skills Stations: Hip  1. Reaming the acetabulum and inserting a cup (30 min)  2. Preparing the femur and inserting a stem (30 min)  3. Safe zones for screw insertion (30 min)  4. Meet the experts (30 min)</p>	All faculty
18:30–18:40	Closing of module: Take-home messages	

**Day, DD MM, 2019**

Time	AGENDA ITEM	WHO
Module 3	<p>PERFORMING TOTAL KNEE ARTHROPLASTY</p> <p>At the end of this module, participants will be able to:</p> <ul style="list-style-type: none"> <li>• Describe and prepare safe and effective procedures</li> <li>• Recognize, stratify, and manage early and late problems or complications</li> <li>• Facilitate a multidisciplinary team-based approach</li> <li>• Apply best practice to optimize patient outcomes</li> </ul>	Moderator
08:30–08:40	Surgical approaches for TKA	
08:40–08:50	Limb alignment and kinematics	
08:50–09:00	Questions and answers	All Faculty
09:00–09:10	Bone cuts in TKA	
09:10–09:20	Balancing the varus knee and fixed flexion contracture	
09:20–09:30	Balancing the valgus knee	
09:30–09:40	The role of the PCL in TKA	
09:40–09:50	Questions and answers	All Faculty
09:50–10:10	COFFEE BREAK	
10:10–10:20	TKA after previous high tibial osteotomy (HTO)	
10:20–10:30	TKA after previous trauma	
10:30–10:40	TKA after previous unicompartmental arthroplasty	
10:40–10:50	Questions and answers	All faculty
10:50–11:00	Patellofemoral resurfacing and tracking	
11:00–11:10	Diagnosis and treatment of infection in TKA	
11:10–11:20	Questions and answers	All faculty
11:20–11:30	Key steps in planning TKA	
11:30–12:30	LUNCH BREAK	



Time	AGENDA ITEM	WHO
12:30–14:30	<p>Group A:</p> <ul style="list-style-type: none"> <li>- Meet the Experts (60 min)</li> <li>- Case discussions in small groups (60 min): Total knee arthroplasty—intraoperative challenges and complications</li> </ul> <p>Group B:</p> <p>AOREcon Skills Stations: Knee</p> <ol style="list-style-type: none"> <li>1. Alignment for a tibial cut (30 min)</li> <li>2. Performing a tibial cut (30 min)</li> <li>3. Cementing (30 min)</li> <li>4. Templating exercise knee (30 min)</li> </ol>	All faculty
14:30–14:50	BREAK	
14:50–16:50	<p>Group B:</p> <ul style="list-style-type: none"> <li>- Meet the Experts (60 min)</li> <li>- Case discussions in small groups (60 min): Total knee arthroplasty—intraoperative challenges and complications</li> </ul> <p>Group A:</p> <p>AOREcon Skills Stations: Knee</p> <ol style="list-style-type: none"> <li>1. Alignment for a tibial cut (30 min)</li> <li>2. Performing a tibial cut (30 min)</li> <li>3. Cementing (30 min)</li> <li>4. Templating exercise knee (30 min)</li> </ol>	All faculty
16:50–17:10	Q&A - questions not covered by the course	All faculty
17:10–17:20	Closing of module and course: Take-home messages	Chairpersons

## Event Organization

### **AORecon**

[Name]

Clavadelerstrasse 8

7270 Davos Platz

Phone +41 81 414 2111

Email [bas.wijburg@aorecon.org](mailto:bas.wijburg@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

### **Local Event Organizer**

[Name]

Email

### **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

Name

Address

Email

Phone

Website

## General information

### Event fee

The course fee is CHF/USD/EUR ... and includes admission to the course as well as documentation, coffee breaks, lunches and course certificate.

### Course certificate

Hard copies of the course certificates 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 (if applicable for this event)

An application has been made to the UEMS–EACCME® in Brussels for CME accreditation of this event.

### or after certification (final program):

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

### and if the venue is in Germany (or Switzerland, societies):

Additionally an application has been made to the Medical Chamber **of XX (e.g. Bavaria)**

### or after certification (final program):

For this event the Medical Chamber of **XX** have granted **XX** credit points.

### 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

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.aorecon.org/disclaimer](http://www.aorecon.org/disclaimer).

Recording, photographing, or copying of lectures, practical exercises, case discussions, or any course 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, practical exercises, and group discussions.

### No insurance

The course 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](http://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](http://www.accme.org))
- ACCME Standards for Commercial Support: Standards to Ensure Independence in CME Activities ([www.accme.org](http://www.accme.org))
- Criteria for Accreditation of Live Educational Events of the European Accreditation Council for Continuing Medical Education ([www.uems.eu](http://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](http://www.medtecheurope.org))
- AdvaMed Code of Ethics on Interactions with Health Care Professionals ([advamed.org](http://advamed.org))
- Mecomed Guidelines on Interactions with Healthcare Professionals ([www.mecomed.org](http://www.mecomed.org))

## **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.

## **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](http://www.aofoundation.org)).

## **Personnel**

Industry staff is not allowed to interfere with the educational content or engage in educational activities during the event.

