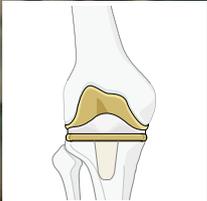
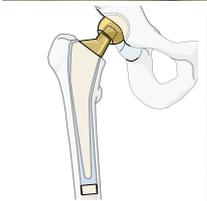


Event program

# AORecon Course—Principles of Total Hip and Knee Arthroplasty

**With Skills Lab**

17–18 May, 2019 Athens, Greece



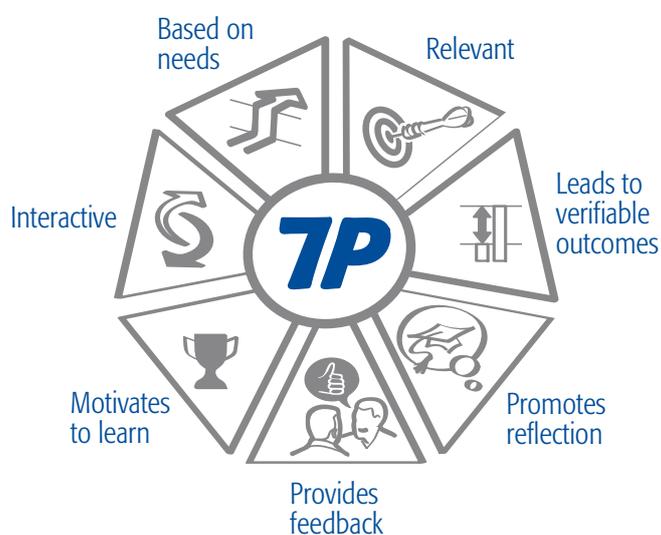
## Mission

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

## Purpose statement

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

## 7 Principles of Education



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.

## Content

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## 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



**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	Poultides	New York, USA
Panayiotis	Christofilopoulos	Geneva, Switzerland
Panos	Tsailas	Athens, Greece
Spyros	Pneumatikos	Kifisiá, Greece
Takis	Koulouvaris	Athens, Greece
Theofilios	Karachalios	Thessaly, Greece

## Friday, 17 May, 2019

TIME	AGENDA ITEM	WHO
08:00–08:10	Welcome and introduction to the course	JN Argenson, G Macheras
<b>Module 1</b>	<b>Perioperative Management of Total Hip and Knee Arthroplasty</b> At the end of this module, participants will be able to: <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: JN Argenson
08:10–09:10	<b>Case discussions in small groups:</b> Assessment and decision making	All faculty
09:10–09:20	Summary: Optimizing the patient journey	B Masri
09:20–09:30	Questions & answers	All faculty
09:30–09:40	Closing of module: take-home messages	JN Argenson
<b>Module 2</b>	<b>Performing Total Hip Arthroplasty</b> At the end of this module, participants will be able to: <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: G Macheras
09:40–09:50	Preoperative planning to restore hip biomechanics in THA	P Christofilopoulos
09:50–10:00	Overview of surgical approaches for THA	P von Roth
10:00–10:10	Questions and answers	All faculty
10:10–10:30	BREAK	
10:30–10:45	Cemented fixation	E Tsiridis
10:45–10:55	Cementless fixation of the cup	G Macheras
10:55–11:05	Cementless fixation of the stem	G Babis
11:05–11:15	Questions and answers	All Faculty
11:15–11:25	Preventing dislocation in THA	L Poultsides
11:25–11:35	Bearing choice in THA	P Christofilopoulos
11:35–11:45	Questions and answers	All Faculty
11:45–11:55	Intraoperative challenges and complications	B Masri
11:55–12:40	<b>Case discussions in small groups:</b> Total hip arthroplasty—surgical approaches, preventing dislocation, and fixation	All faculty
12:40–13:40	LUNCH BREAK	

## Friday, 17 May, 2019

TIME	AGENDA ITEM	WHO
13:40–13:50	Infection	S Pneumatikos
13:50–14:00	Periprosthetic fractures	P Kinov
14:00–14:10	Key steps in planning THA	T Koulouvaris
14:10–16:10	<p><b>Group A:</b></p> <ul style="list-style-type: none"> <li>• Templating exercise Hip (60 min)</li> <li>• Case discussions in small groups (60 min): Total hip arthroplasty–intraoperative challenges and complications</li> </ul> <p><b>Group B:</b></p> <p><b>AOREcon Skills Stations</b></p> <ul style="list-style-type: none"> <li>• Reaming the acetabulum and inserting a cup (30 min)</li> <li>• Preparing the femur and inserting a stem (30 min)</li> <li>• Safe zones for screw insertion (30 min)</li> <li>• Meet the Experts (30 min)</li> </ul>	All faculty
16:10–16:30	BREAK	
16:30–18:30	<p><b>Group B:</b></p> <ul style="list-style-type: none"> <li>• Templating exercise Hip (60 min)</li> <li>• Case discussions in small groups (60 min): Total hip arthroplasty–intraoperative challenges and complications</li> </ul> <p><b>Group A:</b></p> <p><b>AOREcon Skills Stations</b></p> <ul style="list-style-type: none"> <li>• Reaming the acetabulum and inserting a cup (30 min)</li> <li>• Preparing the femur and inserting a stem (30 min)</li> <li>• Safe zones for screw insertion (30 min)</li> <li>• Meet the Experts (30 min)</li> </ul>	All faculty
18:30–18:40	Closing of module: Take-home messages	JN Argenson

## Saturday, 18 May, 2019

TIME	AGENDA ITEM	WHO
<b>Module 3</b>	<b>Performing Total Knee Arthroplasty</b> At the end of this module, participants will be able to: <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: B Masri
08:30–08:40	Surgical approaches for TKA	P Tsailas
08:40–08:50	Limb alignment and kinematics	T Karachalios
08:50–09:00	Questions and answers	All Faculty
09:00–09:10	Bone cuts in TKA	G Drosos
09:10–09:20	Balancing the varus knee and fixed flexion contracture	S Tarabichi
09:20–09:30	Balancing the valgus knee	JN Argenson
09:30–09:40	The role of the PCL in TKA	T Karachalios
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)	F Benazzo
10:20–10:30	TKA after previous trauma	B Masri
10:30–10:40	TKA after previous unicompartmental arthroplasty	JN Argenson
10:40–10:50	Questions and answers	All faculty
10:50–11:00	Patellofemoral resurfacing and tracking	S Tarabichi
11:00–11:10	Diagnosis and treatment of infection in TKA	G Babis
11:10–11:20	Questions and answers	All faculty
11:20–11:30	Key steps in planning TKA	F Benazzo
11:30–12:30	LUNCH BREAK	
12:30–14:30	<b>Group A:</b> <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> <b>Group B:</b> <b>AORecon Skills Stations</b> <ul style="list-style-type: none"> <li>• Alignment for a tibial cut</li> <li>• Performing a tibial cut</li> <li>• Cementing</li> <li>• Templating exercise</li> </ul>	All faculty
14:30–14:50	BREAK	
14:50–16:50	<b>Group A:</b> <b>AORecon Skills Stations</b>  <b>Group B:</b> Meet the Experts and case discussions	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	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](mailto: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](mailto: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](mailto:info@cpathens.com)  
+30 210 727 80 00  
[www.crowneplaza.com/CrownePlaza/Athens](http://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](http://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](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 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](http://www.aofoundation.org)).

## **Personnel**

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

## Events 2019

# Courses, seminars & webinars

### 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 Seminar—Principles of Shoulder Arthroplasty

#### Europe & Southern Africa

Nov	30	Moscow, Russia
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#### Latin America

Aug	30	Cartagena, Colombia
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### AOREcon Course—Complex Total Hip and Knee Arthroplasty

#### Asia Pacific

Jun	01–02	Taipeh, 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
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#### Middle East & Northern Africa

Oct	15–16	Dubai, UAE
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### AOTrauma/AOREcon Course—Comprehensive Periprosthetic Fracture Management

#### Europe & Southern Africa

Apr	04–06	Rijeka, Croatia
Dec	05–07	Davos, Switzerland

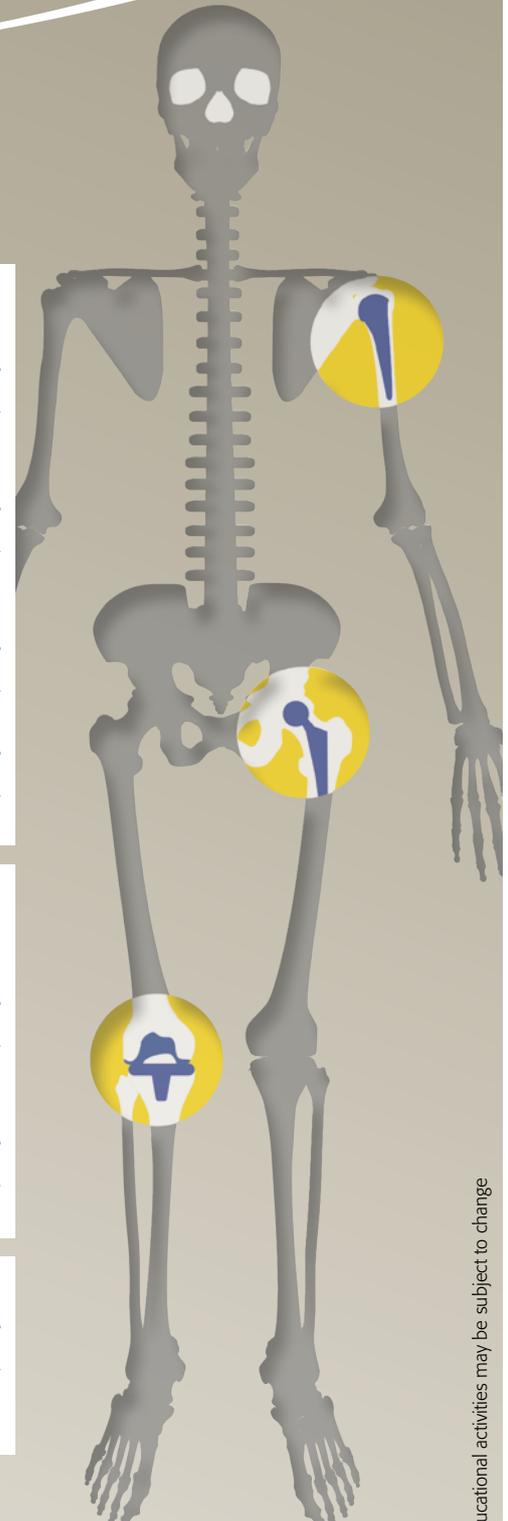
#### Latin America

Aug	05–06	Bogota, Colombia
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### AOREcon Webinars

#### Online

Jun	25	Prosthesis Infections
Nov	05	Hip Dislocation



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