



## บันทึกข้อความ

ส่วนงาน ภาควิชาออร์โธปิดิกส์ คณะแพทยศาสตร์ จุฬาลงกรณ์มหาวิทยาลัย โทร.4230, 4510

วันที่ 11 พฤศจิกายน 2562

<input checked="" type="checkbox"/>	นายแพทย์ OPB เพื่อ (ว.แจ้ง)
<input checked="" type="checkbox"/>	นายแพทย์ ส. จีบุตรตาม เพื่อ
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	วันที่ 14/11/62

เรื่อง ขออนุมัติเดินทางไปปฏิบัติงานต่างประเทศ

เรียน หัวหน้าภาควิชาออร์โธปิดิกส์

- สิ่งที่ส่งมาด้วย
1. จดหมายเชิญประชุม
  2. โปรแกรมงานประชุม

ตามที่ กระผม นายแพทย์อารี ตนาวลี พนักงานมหาวิทยาลัยหมวดเงินอุดหนุน ตำแหน่ง ศาสตราจารย์ A - 2 สังกัดภาควิชาออร์โธปิดิกส์ คณะแพทยศาสตร์ จุฬาลงกรณ์มหาวิทยาลัย มีความประสงค์ขออนุมัติไปปฏิบัติงานต่างประเทศ ตามที่ AORcon ได้เชิญเข้าร่วมประชุมในงานประชุมวิชาการ AORcon Course - Complex Total Hip and Knee Arthroplasty โดยเป็นวิทยากรในหัวข้อเรื่อง (1)Assessment of bone loss in revision hip arthroplasty (2)Extended surgical approaches and implant removal และร่วมเป็น Faculty in small groups case discussions ณ เมืองตาโวล สมาพันธ์รัฐสวิส ในระหว่างวันที่ 2 - 3 ธันวาคม 2562 การไปปฏิบัติงานดังกล่าว เพื่อเป็นการเพิ่มพูนความรู้ทางการแพทย์เพื่อให้ทันต่อเทคโนโลยีที่เปลี่ยนแปลงไป พร้อมทั้งเป็นการแลกเปลี่ยนความรู้เชิงวิชาการด้านออร์โธปิดิกส์ระหว่างบุคลากรทางการแพทย์ประเทศต่าง ๆ โดยนำความรู้จากการประชุมไปประยุกต์ใช้ในการสอนนิสิตแพทย์และแพทย์ประจำบ้าน และสามารถนำมาใช้ดูแลรักษาผู้ป่วยให้มีคุณภาพดียิ่งขึ้น และเผยแพร่ชื่อเสียงของคณะแพทยศาสตร์ จุฬาลงกรณ์มหาวิทยาลัย โดยขออนุมัติเดินทางไปปฏิบัติงานตั้งแต่วันที่ 1 ธันวาคม 2562 ถึงวันที่ 4 ธันวาคม 2562 ทั้งนี้ ทาง AORcon ผู้จัดงานจะเป็นผู้รับผิดชอบค่าใช้จ่ายในการไปประชุมครั้งนี้

จึงเรียนมาเพื่อโปรดพิจารณาอนุมัติและสั่งให้ไปปฏิบัติงานต่างประเทศด้วย จักขอบคุณยิ่ง

(ศาสตราจารย์นายแพทย์อารี ตนาวลี)

หมายเหตุ ระหว่างไปร่วมประชุมวิชาการ กระผมไม่มีการะงานสอนในช่วงวันดังกล่าว

ที่ อธ.802/2562

เรียน คณบดี คณะแพทยศาสตร์

เพื่อโปรดพิจารณาอนุมัติและดำเนินการต่อไปด้วย จักเป็นพระคุณยิ่ง

วันที่รับเรื่อง	11 พ.ย. 2562
ชื่อผู้รับเรื่อง	ศิริกมลดา
วันที่รับเรื่อง	11.11.62

(รองศาสตราจารย์นายแพทย์ สมศักดิ์ คุปต์นิริติชัยกุล)

หัวหน้าภาควิชาออร์โธปิดิกส์

11 พฤศจิกายน 2562

**From:** Sina Henrichs <Sina.Henrichs@aorecon.org>  
**Date:** 13 March 2019 15.46.15 GMT+7  
**Subject:** Invitation to be faculty at the AORecon Course: Complex Total Hip and Knee Arthroplasty, Dec 2/3, 2019 in Davos/Switzerland

Dear Professor Aree Tanavalee,

On behalf of the chairpersons, Professor Carsten Perka and Professor Bas Masri, I am pleased to invite you to be faculty at the *AORecon Course: Complex Total Hip and Knee Arthroplasty* in Davos/Switzerland.

The course will take place on **Monday 2<sup>nd</sup> of December and Tuesday 3<sup>rd</sup> of December 2019** at the Congress Center in Davos. The premeeting will take place on **Sunday afternoon, 1<sup>st</sup> of December 2019**.

Please let us know, if you are available and willing to accept the assignment.  
Kind regards,

Sina

Sina Henrichs | Project Manager Education AORecon  
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Clavadelerstrasse 8 | 7270 Davos Platz | Switzerland  
[sina.henrichs@aorecon.org](mailto:sina.henrichs@aorecon.org) | [www.aorecon.org](http://www.aorecon.org)

**Subject: Your assignments - AORecon Complex course - Davos 2019**

Dear AORecon faculty,

Thank you very much to be part of the upcoming AORecon Course: Complex Total Hip and Knee Arthroplasty in Davos.

The course will take place on **Monday, December 2 and Tuesday, December 3, 2019**. Due to the Davos courses opening ceremony at 17:00 on Sunday, we rescheduled the precourse meeting on **Sunday afternoon, December 1<sup>st</sup> to 15:00 till 17:00**.

**1. Program**

Please find attached the course program with your assignments. The learning objectives are included in the program. **Please check your assignments in the program file and send your approval until Sunday, October 13.**

**2. Cases for small group discussions (SGD) and plenary discussion**

The cases will follow a separate email well in advance to the course.

**3. Template power point slides**

Kindly use the new brand template (.ppt) when creating your presentation. You will receive more information about the new AO brand in a separate announcement.

**4. Faculty precourse**

We kindly request you to attend the faculty precourse meeting on Sunday, December 1, 2019

Time: 15:00 till 17:00

Location: Davos Congress Center, Room: Seehorn

**5. Faculty dinner**

We gladly invite you to join the faculty dinner on Sunday evening, December 1<sup>st</sup>

Time: 19:30

Location: to be confirmed

**6. Faculty hotel**

You will receive the detailed hotel reservation from Davos Tourismus at the beginning of November. Without further notice from your side, we made the hotel reservation at the Amaron Hotel, Scalettastrasse 22, 7270 Davos

Website: <https://amaronhotels.com/de/davos-swiss-mountain-resort/>

**7. Guidance for AO Educational Events**

Lastly, please find attached the Guidance for AO Educational Events supported by Educational Grants.

We will send an overview of all relevant information, contacts, locations and schedules a few days before the course starts.

If you have any requests or questions, please do not hesitate to contact us anytime. We are happy to assist you.

Best regards,

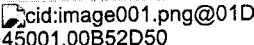
Sina

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# AORECON

## AORecon Course—

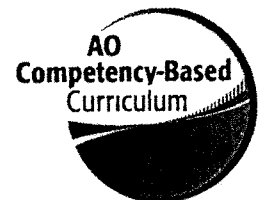
# Complex Total Hip and Knee Arthroplasty

with dry bone practical exercises

Davos, Switzerland

December 2 and 3, 2019

*Chairpersons: Carsten Perka and Bas Masri*



## **Goal of the course**

**The AORecon Course—Complex Total Hip and Knee Arthroplasty teaches current concepts in the treatment of patients with a need for revision or complex primary arthroplasty in the hip and knee.**

## **Target participants**

**This course is targeted at certified, experienced orthopedic surgeons who wish to enhance their knowledge and skills in complex arthroplasty.**

## **Learning objectives**

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

- **Describe a systematic clinical, laboratory, and radiographic evaluation in revision and complex primary arthroplasty**
- **Optimize preoperative planning**
- **Adopt a patient-centered approach**
- **Optimize patients preoperatively to reduce complications**
- **Describe and discuss safe and effective procedures for revision and complex 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**

## **Course 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 have the opportunity to share their experience with peers and international faculty. All factors related to achieving the best possible outcomes in complex and revision arthroplasty will be covered.**

## Chairpersons



**Carsten Perka**  
Charité Berlin  
Berlin, Germany



**Bassam Masri**  
University of British Columbia  
Vancouver, Canada

## Faculty

Anthony	Albers	McGill University	Montreal	Canada
Aree	Tanavalee	Chulalongkorn University	Bangkok	Thailand
Georg	Matziolis	Universitätsklinikum Jena	Jena	Germany
Guillermo	Bonilla	Hospital Universitario Fundación Santa Fe de Bogotá	Bogotá	Colombia
Krisztian	Sisak	University of Szeged	Szeged	Hungary
Matthew	Abdel	Mayo Clinic	Rochester	U.S.A.
Mohamad	Allami		Bagdad	Iraq
Robert	Hube	Orthopädische Chirurgie München	Munich	Germany
Peter	Chiu	Queen Mary Hospital Li Shu Fan Medical Foundation	Hong Kong	Hong Kong
Stoffel	Karl	Kantonsspital Baselland	Basel	Switzerland
Youn-Soo	Park	Samsung Medical Center	Seoul	South Korea

Day 1	Time	AGENDA ITEM	WHO
08:00-08:10	10	Opening remarks and introduction	B Masri/C Perka
08:10-08:50	Module 1	<p>indications for revision hip arthroplasty and patient optimization</p> <p>At the end of this module, participants will be able to:</p> <ul style="list-style-type: none"> <li>• Identify the indications for revision hip arthroplasty</li> <li>• Optimize the medical management of patients undergoing revision hip arthroplasty</li> </ul> <p>Perform preoperative planning for revision hip arthroplasty</p>	Moderator: C Perka
08:10-08:20	10	<p>Overview of failure mechanisms and indications for revision hip arthroplasty</p> <p>Lecture</p> <ul style="list-style-type: none"> <li>• Loosening of fixation</li> <li>• Wear at the articulation</li> <li>• Osteolysis</li> <li>• Tribo-corrosion</li> <li>• Instability</li> <li>• Infection</li> <li>• Periprosthetic fractures</li> <li>• Leg length discrepancy</li> <li>• Component fracture</li> <li>• Recognize the latest demographics of the most common reasons (changed over time)</li> <li>• Local registries – data on 2 or 3 main local problems</li> </ul>	P Chiu
08:20-08:30	10	<p>Mechanically assisted tribo-corrosion</p> <p>Lecture</p> <ul style="list-style-type: none"> <li>• Explain the mechanism of tribo-corrosion</li> <li>• Describe the clinical implications</li> <li>• Make the diagnosis</li> <li>• Describe the treatment options and shortcomings of hip revision arthroplasty</li> </ul>	C Perka
08:30-08:40	10	<p>Preoperative investigation and planning for revision hip arthroplasty</p> <p>Lecture</p> <ul style="list-style-type: none"> <li>• Medical risk factor identification</li> <li>• Medical optimization</li> <li>• Laboratory investigations to rule out infection</li> <li>• Imaging</li> <li>• Joint center restoration</li> <li>• Acetabular bone stock deficiency management</li> <li>• Femoral deformity correction</li> <li>• Femoral bone stock deficiency management</li> <li>• Recognize and manage soft tissue deficiency</li> <li>• Prepare a preoperative plan to include the necessary extraction instruments, implants, bone graft, and</li> </ul>	R Hube

		supplementary plans for unanticipated complications	
08:40-08:50	10	Discussion and closing of module	
08:50-15:50	Module 2	Revision arthroplasty of the hip  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 discuss management of early and late problems or complications</li> <li>• Facilitate a multidisciplinary team-based approach</li> <li>• Discuss best practice to optimize patient outcomes</li> </ul>	Moderator: M Abdel
08:50-09:00	10	Extended surgical approaches Lecture Discuss the indications and techniques for the following approaches: <ul style="list-style-type: none"> <li>• Posterior approach</li> <li>• Extended trochanteric osteotomy</li> <li>• Trochanteric slide</li> <li>• Transfemoral osteotomy</li> </ul>	M Allami
09:00-09:10	10	Well-fixed implant removal Lecture Describe the tools and techniques to remove the following: <ul style="list-style-type: none"> <li>• Cemented cups</li> <li>• Cementless cups</li> <li>• Cemented stems</li> <li>• Cementless stems</li> <li>• Broken stems</li> </ul>	G Bonilla
09:10-09:20	10	Assessment of bone loss in revision hip arthroplasty Lecture <ul style="list-style-type: none"> <li>• Classify the bone loss (Gross, Paprosky, AAOS)</li> <li>• Select imaging modality: plain x-rays (Judet views) and CT scan and interpret the findings</li> <li>• Recognize pelvic discontinuity</li> </ul>	A Tanavalee
09:20-09:30	10	Questions and answers	All
09:30-09:50	20	Break  After break: Group A stays in the room, Group B moves to practical exercises for the hip (150 minutes)	
09:50-10:40	50	Treatment options for acetabular bone loss Case-based discussions (plenary) (4 cases) <ol style="list-style-type: none"> <li>1. Jumbo cup (10 min)</li> <li>2. Augments (10 min)</li> </ol>	Moderator: B Masri  B Masri M Abdel

		<p>3. From cages to triflange cups (10 min)</p> <p>4. Pelvic discontinuity: ORIF, cup-cage; distraction (10 min)</p> <p>Discussion (10 min)</p>	<p>R Hube C Perka</p>
10:40-11:20	40	<p>Treatment options for femoral bone loss</p> <p>Case-based discussions (plenary) (3 cases)</p> <ol style="list-style-type: none"> <li>1. Modular proximal stem (10 min)</li> <li>2. Fluted titanium, tapered stem (10 min)</li> <li>3. Cemented fixation – with and without impaction grafting: tumor prostheses: cement within cement (10 min)</li> </ol> <p>Discussion (10 min)</p>	<p>Moderator: R Hube</p> <p>B Masri M Abdel C Perka</p>
11:20-12:20	60	<p>Small group case-based discussion</p> <p>4 cases</p> <ul style="list-style-type: none"> <li>• Revision hip replacement (failed cups and failed stems)</li> </ul>	<p>B Masri M Abdel R Hube C Perka</p>
12:20-13:20	60	Lunch	
13:20-15:50	150	<p><b>Practical exercises—Hip arthroplasty (Group B) while Group A does small group discussions (then Groups swap over)</b></p> <p>Group A: 20 participants at 7 stations, Group B completes the morning program (150 mins)</p> <p>Introduction to the practical exercises (10 min)</p> <ul style="list-style-type: none"> <li>• Head resection, creation of an anterior-superior-medial acetabular defect (both 3A and 3B) with a large reamer, fix with trabecular metal augmentation, implantation of hemispherical revision cup and additional screw fixation (after a 10 min demo) (50 min)</li> <li>• Demonstration of well-integrated hemispherical cup removal (5 min) and possibly then by participants (5 min)</li> <li>• Extended trochanteric osteotomy (ETO) after video (15 min)</li> <li>• Remove cemented stem and implantation of a modular revision stem (50 min)</li> <li>• Refixation of ETO with cerclage wires (15 min)</li> </ul>	<p>Lab director: K Stoffel</p> <p>YS Park P Chiu G Bonilla A Albers A Tanavalee G Matziolis M Allami K Sisak</p>
15:50-16:10	20	Break	
16:10-16:50	Module 3	<p>Complex primary total hip arthroplasty (THA)</p> <p>At the end of this module, participants will be able to:</p>	

		<ul style="list-style-type: none"> <li>Classify and manage hip dysplasia requiring THA</li> <li>Plan and perform a THA after femoral and acetabular fractures and femoral osteotomies</li> <li>Plan and perform a THA in ankylosed hip</li> </ul>	
16:10-16:50	40	<p>Small group discussions (all participants on 5 round tables, 2 faculty per table)</p> <ul style="list-style-type: none"> <li>Case 1: Dysplasia (CROWE 3/4)</li> <li>Case 2: Conversion THA for posttraumatic acetabular fracture</li> <li>Case 3: Conversion THA for posttraumatic femoral fracture</li> </ul>	<p>C Perka M Abdel R Hube M Allami G Matziolis A Albers A Tanavalee YS Park B Masri G. Bonilla</p>
16:50-17:20	Module 4	<p>Indications for revision knee arthroplasty and patient optimization</p> <p>At the end of this module, participants will be able to:</p> <ul style="list-style-type: none"> <li>Identify the indications for revision knee arthroplasty</li> <li>Optimize the medical management of patients undergoing revision knee arthroplasty</li> <li>Perform preoperative planning for revision knee arthroplasty</li> </ul>	<p>Moderator: YS Park</p>
16:50-17:00	10	<p>Overview of failure mechanisms and indications for revision knee arthroplasty Lecture</p> <ul style="list-style-type: none"> <li>Loosening of fixation</li> <li>Wear at the articulation</li> <li>Osteolysis</li> <li>Instability</li> <li>Patellofemoral complications</li> <li>Infection</li> <li>Periprosthetic fractures</li> <li>Allergy (possible depending on speaker)</li> <li>Recognize the latest demographics of the most common reasons (changed over time)</li> </ul>	<p>K Sisak</p>
17:00-17:10	10	<p>Preoperative planning for revision knee arthroplasty Lecture</p> <ul style="list-style-type: none"> <li>Identify soft tissue deficiency that requires a change in management strategy</li> <li>Recognize bone deficiency</li> <li>Stiffness</li> <li>Deformity: periarticular and extraarticular</li> <li>Prepare a preoperative plan to include the necessary extraction instruments, implants, bone graft, and supplementary plans for unanticipated complications</li> </ul>	<p>G Matziolis</p>

17:10-17:20	10	Discussion (questions and answers)	All
17:20-18:00	Module 5	Revision arthroplasty of the knee  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 discuss management of early and late problems or complications</li> <li>• Discuss best practice to optimize patient outcomes</li> </ul>	Moderator: G Matziolis
17:20-17:30	10	Extended surgical approaches and implant removal Lecture <ul style="list-style-type: none"> <li>• Plan based on previous incision scars</li> <li>• Skin blood supply</li> <li>• Medial parapatellar approach</li> <li>• Avoid patellar eversion</li> <li>• Rectus snip</li> <li>• Tibial tubercle osteotomy</li> <li>• Quadriceps turndown</li> </ul> Describe the instruments and techniques for extracting: <ul style="list-style-type: none"> <li>• Femoral component</li> <li>• Tibial component</li> <li>• Patellar component</li> </ul>	A Tanavalee
17:30-17:40	10	Step-by-step surgical technique for revision TKA <ul style="list-style-type: none"> <li>• Restore alignment</li> <li>• Restore rotation</li> <li>• Restore joint line, including use of metal augments</li> </ul>	B Masri
17:40-17:50	10	Implant selection <ul style="list-style-type: none"> <li>• Select the stem (cementless, cemented, offset)</li> <li>• Level of constraint (posterior stabilized, varus/valgus constraint, hinge)</li> </ul>	A Albers
17:50-18:00	10	Extensor mechanism failure and patellofemoral complications Lecture <ul style="list-style-type: none"> <li>• Extensor mechanism repair or reconstruction: allograft, mesh</li> <li>• Patella maltracking</li> <li>• Avascular necrosis of the patella</li> </ul>	M Abdel

Day 2		Group A now does 2 hours of case discussions, while group B does the practical exercises for the knee, then swap	
08:00-09:00	60	Case discussions in small groups Revision knee arthroplasty—indications, investigation, and preparation <ul style="list-style-type: none"> <li>• Case 1: Loosening with malalignment</li> <li>• Case 2: Severe bone loss requiring bone or metal substitution</li> <li>• Case 3: Severe instability requiring a hinge</li> <li>• Case 4: Salvage with an amputation or arthrodesis</li> </ul>	A Tanavalee G Matziolis M Allami K Sisak
09:00-10:00	Module 6	Complex primary total knee arthroplasty (TKA)  At the end of this module, participants will be able to: <ul style="list-style-type: none"> <li>• Recognize and manage the challenges in the knee with deformity, poor motion, and retained hardware</li> </ul>	
09:00-10:00	60	Small group discussions <ul style="list-style-type: none"> <li>• Case 1: Valgus knee (that requires a hinge)</li> <li>• Case 2: TKA posttraumatic with hardware</li> <li>• Case 3: TKA for extraarticular deformity</li> </ul>	A Tanavalee G Matziolis M Allami K Sisak
10:00-10:20	20	Break	
10:20-12:20	120	<b>Practical exercises—Revision knee arthroplasty (Group B) while Group A does small group discussions (then Groups swap over)</b> Group B: 20 participants at 7 stations  Introduction to the practical exercises, including templating (10 min) <ul style="list-style-type: none"> <li>• Remove existing knee prosthesis (15 min)</li> <li>• Perform a revision TKA (70 min in 4 guided phases)</li> <li>• Fixation with screws or wires (15 min)</li> <li>• Wrap up and questions (10 min)</li> </ul>	Lab director/Support K Stoffel  B Masri M Abdel C Perka R Hube YS Park P Chiu G Bonilla A Albers
12:20-13:30		Lunch	
13:20-16:00	Module 7	Complications Identify and manage the common complications after THA and TKA: <ul style="list-style-type: none"> <li>• Infection</li> <li>• Periprosthetic fractures</li> <li>• Dislocation and instability</li> <li>• Adverse local tissue reactions</li> </ul>	
13:20-14:00	40	Case-based presentations: Infection	Moderator: M Allami

		<ul style="list-style-type: none"> <li>• Case 1: Infection after Hip Replacement (20 min)</li> <li>• Case 2: Infection after Knee Replacement (20 min)</li> </ul> <p>Learning Objectives: Treatment plan in the following situations:</p> <ul style="list-style-type: none"> <li>• Acute infection (sensitive or resistant organism, cemented or cementless hip)</li> <li>• Chronic infection</li> </ul>	A Albers C Perka
14:00-14:40	40	<p>Case-based presentations: Periprosthetic fractures</p> <ul style="list-style-type: none"> <li>• Case 1: classification</li> <li>• Case 2: internal fixation of femoral periprosthetic fractures</li> <li>• Case 3: femoral revision for femoral periprosthetic fractures</li> <li>• Case 4: periprosthetic fractures about the knee</li> </ul> <p>Learning Objectives: Treatment plan in the following situations:</p> <ul style="list-style-type: none"> <li>• Hip (well-fixed implant or loose implant)</li> <li>• Knee</li> </ul>	Moderator: B Masri K Sisak G Bonilla M Allami YS Park
14:40-15:00	20	Break	
15:00-15:40	40	<p>Case-based presentations: Dislocation</p> <ul style="list-style-type: none"> <li>• Case 1: Covering large head</li> <li>• Case 2: Dual Mobility cups</li> <li>• Case 3: Constrained cups</li> </ul> <p>Learning Objectives: Treatment plan in the following situations:</p> <ul style="list-style-type: none"> <li>• Acute postoperative with a well-positioned component</li> <li>• Dislocation secondary to malposition of the components</li> <li>• Dislocation secondary to adverse reaction to metal debris</li> </ul>	Moderator: A Albers P Chiu M Abdel
15:40-15:50	10	Q&A – Audience encouraged to ask questions about topics not covered	ALL FACULTY
15:50-16:00	10	Wrap-up and take-home messages	