

# AO Recon Course—Complex Total Hip and Knee Arthroplasty Dry Bone Practical Exercise

안녕하십니까?

오는 6월 30 – 7월1일, AO Recon에서 Hip & Knee Arthroplasty 분야의 국내외 석학들을 모시고 오프라인 코스를 개최합니다. AO Recon에서 준비한 동종 최고의 커리큘럼과 Faculty로 구성된 이번 일정은 Hip and Knee Arthroplasty에 대한 강의뿐만 아니라 소그룹 증례토론 및 dry bone을 이용한 워크샵이 포함되어 매우 Interactive 한 Session들로 구성되어 있습니다. 환자치료에서 더 나은 결과를 위해 국내외 연자분들과 최신 지견을 함께 나누고 기술적인 노하우를 배울 수 있는 뜻깊은 기회가 될 것입니다. 자세한 일정은 첨부 프로그램을 참고 부탁드립니다. 이번 일정에 참석을 희망하시는 선생님들의 적극적인 참여를 부탁드립니다.

Course Chairperson

박윤수

-----아 래-----

**-Course명:** AO Recon Course—Complex Total Hip and Knee Arthroplasty Dry Bone Practical Exercise

**-일시 및 장소:** 2022년 6월 30일(목) – 7월 1일(금) / 서울드래곤시티호텔

**-해외 연자:** Prof. Carsten Perka (Germany), Prof. Karl Stoffel (Switzerland)

**-참석대상:** 정형외과 Fellow 및 Junior Staff (정원 32 명, 선착순 접수)

\*2 일간 Hip & Knee 내용이 모두 포함되어 있으며 모든 일정에 참여하셔야 코스이수가 가능합니다.

\*AO Recon Principles Course 를 이수하지 않으셨어도 등록이 가능합니다.

**-등록비:** 40 만원 (USD 332)

**-등록방법:** 등록은 **4월 11일(월) 오전 10시부터** 오픈됩니다. (선착순 마감)

하단의 온라인 링크에 접속하시어 등록정보 입력 및 등록비 결제를 하시면 등록이 완료됩니다.

**[접속 Link]** (구글 Chrome 에 최적화 되어있습니다)

<https://aofoundation.force.com/s/lt-event?id=a1R0800000AYmAbEAL&site=a0a1p00000wel5mAAA>

**-취소 및 환불 규정:** 50% until 30 days before the event. No refund thereafter.

**-등록 및 코스관련 문의:** [aotraumakorea2@gmail.com](mailto:aotraumakorea2@gmail.com)

**-첨부:** 코스 프로그램 (추후 일부 변경될 수 있습니다)

AO Recon Course—Complex Total Hip and Knee Arthroplasty, Dry Bone Practical Exercise

Day 1							
Time		Activity	Speaker		Moderator		
0730-0750	20	Registration					
0800-0810	10	Opening remarks and introduction		Youn Soo Park			
		Module 1. Indications for revision hip arthroplasty and patient optimization			Youn Soo Park		
0810-0820	10	Overview of failure mechanisms and indications for revision hip arthroplasty		Youn Soo Park			
0820-0830	10	Mechanically assisted tribo-corrosion		Kee-Hyung Rhyu			
0830-0840	10	Preoperative investigation and planning for revision hip arthroplasty		Seung-Jae Lim			
0840-0850	10	Discussion and closing of module					
		Module 2. Revision Arthroplasty of the Hip			Kee-Hyung Rhyu		
0850-0900	10	Extended surgical approaches		Joo-Hyoun Song			
0900-0910	10	Well-fixed implant removal		Sang-Min Kim			
0910-0920	10	Assessment of bone loss in revision hip arthroplasty		Je-Hyun Yoo			
0920-0930	10	Questions and answers					
0930-0950	20	Coffee Break					
		Group A does case discussions, Group B moves to practical exercises for the hip (150 minutes, after lunch groups swap over)					
0950-1040	50	<b>Group A</b> Treatment options for acetabular bone loss Plenary case-based presentations and discussion Case 1: Jumbo cup (10min) Case 2: Augments (10min) Case 3: From cages to triflange cups(10min) Case 4: Pelvic discontinuity: ORIF, cup-cage; distraction (10min) Discussion (10min)	<b>Group B</b> Practical exercises—Hip arthroplasty (15 participants at 3 stations) Introduction to the practical exercises (10 min) -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) -Demonstration of well-integrated hemispherical cup removal (5 min) and possibly then by participants (5 min) -Extended trochanteric osteotomy (ETO) after video (15 min) -Remove cemented stem and implantation of a modular revision stem (50 min) -Refixation of ETO with cerclage wires (15 min)	<b>Group A</b> Case 1: Je-Hyun Yoo Case 2: Sang-Min Kim Case 3: Kee-Hyung Rhyu Case 4: Kee-Hyung Rhyu	<b>Group B</b> Lab director: Youn Soo Park Seung-Beom Han Seung-Jae Lim Joo-Hyoun Song		
1040-1120	40	<b>Group A</b> Treatment options for femoral bone loss Plenary case-based presentations and discussion Case 1: Extensively porous coated stem (10min) Case 2: Fluted titanium, tapered stem (10min) Case 3: Cemented fixation – with and without impaction grafting: tumor prostheses: cement within cement (10min) Discussion (10min)		<b>Group A</b> Case 1: Je-Hyun Yoo Case 2: Sang-Min Kim Case 3: Kee-Hyung Rhyu			
1120-1220	60	<b>Small group discussions 1: (Group A) (3 round tables, 1 faculty per table)</b> Revision hip replacement (failed cups and failed stems) 4 cases		<b>Group A</b> Kee-Hyung Rhyu Je-Hyun Yoo Sang-Min Kim			
1220-1320	60	Lunch Break					
1320-1410	50	<b>Group A</b> Practical exercises—Hip arthroplasty (15 participants at 3 stations) Introduction to the practical exercises (10 min) -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) -Demonstration of well-integrated hemispherical cup removal (5 min) and possibly then by participants (5 min) -Extended trochanteric osteotomy (ETO) after video (15 min) -Remove cemented stem and implantation of a modular revision stem (50 min) -Refixation of ETO with cerclage wires (15 min)	<b>Group B</b> Treatment options for acetabular bone loss Plenary case-based presentations and discussion Case 1: Jumbo cup (10min) Case 2: Augments (10min) Case 3: From cages to triflange cups(10min) Case 4: Pelvic discontinuity: ORIF, cup-cage; distraction (10min) Discussion (10min)	<b>Group A</b> Lab director: Youn Soo Park Seung-Beom Han, Seung-Jae, Lim, Joo-Hyoun Song	<b>Group B</b> Case 1: Je-Hyun Yoo Case 2: Sang-Min Kim Case 3: Kee-Hyung Rhyu Case 4: Kee-Hyung Rhyu		
1410-1450	40				<b>Group B</b> Treatment options for femoral bone loss Plenary case-based presentations and discussion Case 1: Extensively porous coated stem (10min) Case 2: Fluted titanium, tapered stem (10min) Case 3: Cemented fixation – with and without impaction grafting: tumor prostheses: cement within cement (10min) Discussion (10min)	<b>Group B</b> Case 1: Je-Hyun Yoo Case 2: Sang-Min Kim Case 3: Kee-Hyung Rhyu	
1450-1550	60				<b>Group B</b> Small group discussions 1: (3 round tables, 1 faculty per table) Revision hip replacement (failed cups and failed stems) 4 cases	<b>Group B</b> Kee-Hyung Rhyu Je-Hyun Yoo Sang-Min Kim	
1600-1620	20	Coffee Break					
		Module 3. Complex primary total hip arthroplasty (THA)					
1620-1700	40	<b>Small group discussions 2: (all participants on 6 round tables, 1 faculty per table)</b> Case 1: Dysplasia (CROWE 3/4) Case 2: Conversion THA for posttraumatic acetabular fracture Case 3: Conversion THA for posttraumatic femoral fracture		Woo-Suk Lee, Kee-Hyung Rhyu Seung-Jae Lim, Je-Hyun Yoo Joo-Hyoun Song, Sang-Min Kim			
		Module 4. Complications (I)				Seung-Beom Han	
1700-1750	50	<b>Dislocation</b> Plenary case-based presentations and discussion Case 1: Covering large head (10 min) Case 2: Dual Mobility or Constrained cups (10 min) Case 3: Spinopelvic relationships in hip dislocation (20min) Discussion (10 min)		<b>Case 1: Woo-Suk Lee</b> <b>Case 2: Seung-Beom Han</b> <b>Case 3: Karl Stoffel</b>			
1750-1800	10	Wrap up and take-home message					

AO Recon Course—Complex Total Hip and Knee Arthroplasty, Dry Bone Practical Exercise

Day 2						
Time		Activity		Speaker	Moderator	
0800-0840		Module 5. Indications for revision knee arthroplasty and patient optimization			Myung-Chul Lee	
	15	Overview of failure mechanisms and indications for revision knee arthroplasty		Woo-Suk Lee		
	15	Preoperative planning for revision knee arthroplasty		Myung-Chul Lee		
	10	Questions and answers		All		
0840-0930		Module 6. Revision arthroplasty of the knee			Choong-Hyeok Choi	
	10	Extended surgical approaches and implant removal		Hyuk-Soo Han		
	10	Step-by-step surgical technique for revision TKA		Jongkeun Seon		
	10	Implant selection		Sang Jun Song		
	10	Extensor mechanism failure and patellofemoral complications		Choong-Hyeok Choi		
	10	Questions and answers				
0930-0950	20	Coffee Break				
		Group A does case discussions, Group B moves to practical exercises for the knee (120 minutes, then swap over)				
0950-1050	60	Group A Small group discussions 3: (3 round tables, 1 faculty per table) Revision knee arthroplasty—Indications, investigation, and preparation Case 1: Loosening with malalignment Case 2: Severe bone loss requiring bone or metal substitution Case 3: Severe instability requiring a hinge Case 4: Salvage with an amputation or arthrodesis	Group B Practical exercises—Revision knee arthroplasty (15 participants at 3 stations) Introduction to the practical exercises, including templating (10 min) -Remove existing knee prosthesis (15 min) -Perform a revision TKA (70 min in 4 guided phases) -Fixation with screws or wires (15 min) -Wrap up and questions (10 min)	Group A Choong-Hyeok Choi Woo-Suk Lee Seung-Beom Han	Group B Lab director: Myung-Chul Lee Jongkeun Seon Hyuk-Soo Han Sang Jun Song	
		Module 7. Complex primary total knee arthroplasty (TKA)				
1050-1150	60	Group A Small group discussions 4: (3 round tables, 1 faculty per table) Case 1: Valgus knee (that requires a hinge) Case 2: TKA posttraumatic with hardware Case 3: TKA for extraarticular deformity		Group A Choong-Hyeok Choi Woo-Suk Lee Seung-Beom Han		
1150-1250	60	Lunch Break				
1250-1350	60	Group A Practical exercises—Revision knee arthroplasty (15 participants at 3 stations) Introduction to the practical exercises, including templating (10 min) -Remove existing knee prosthesis (15 min) -Perform a revision TKA (70 min in 4 guided phases) -Fixation with screws or wires (15 min) -Wrap up and questions (10 min)	Group B Small group discussions 3: (3 round tables, 1 faculty per table) Revision knee arthroplasty—Indications, investigation, and preparation Case 1: Loosening with malalignment Case 2: Severe bone loss requiring bone or metal substitution Case 3: Severe instability requiring a hinge Case 4: Salvage with an amputation or arthrodesis	Group A Lab director: Myung-Chul Lee Jongkeun Seon Hyuk-Soo Han Sang Jun Song	Group B Choong-Hyeok Choi Woo-Suk Lee Seung-Beom Han	
						Module 7. Complex primary total knee arthroplasty (TKA)
1350-1450	60					Group B Small group discussions 4: (3 round tables, 1 faculty per table) Case 1: Valgus knee (that requires a hinge) Case 2: TKA posttraumatic with hardware Case 3: TKA for extraarticular deformity
1450-1510	20	Coffee Break				
		Module 8. Complications (II)			Woo-Suk Lee	
1510-1550	40	Plenary case-based presentations and discussion Case 1: Infection after Knee Replacement (15 min) Case 2: Infection after Hip Replacement (15 min) Discussion (10 min)		Case 1: Carsten Perka Case 2: Seung-Beom Han		
		Module 9. Complications (III)			Seung-Jae Lim	
1550-1630	50	Periprosthetic fractures. Plenary case-based presentations and discussion Case 1: Classification (10min) Case 2: Internal fixation of femoral periprosthetic fractures (10min) Case 3: Femoral revision for femoral periprosthetic fractures (10min) Case 4: Periprosthetic fractures about the knee (10min) Discussion (10 min)		Case 1: Woo-Suk Lee Case 2: Seung-Jae Lim Case 3: Youn Soo Park Case 4: Seung-Jae Lim		
1630-1640	10	Q&A – Questions not covered by the course		All		
1640-1650	10	Wrap-up and take-home messages		Youn Soo Park		