

The Combined Meeting of 27th Annual Meeting of Thai Hip & Knee Society (THKS) in Collaboration with Faculty from Stanford Department of Orthopaedic Surgery

December 4-6, 2025 at Sheraton Hua Hin, Thailand

Thursday 4th December 2025 (Day 1)

Time	Meeting Room A	Time	Meeting Room B	Time	Meeting Room C
8.30-10.30	Registration				
10.30-12.00	#01 Panel discussion: Complex primary hip arthroplasty			10.30-12.00	#05 Workshop: Stryker
12.00-13.00	Lunch symposium: Taicho	12.00-13.00	Lunch symposium: Zimmer	12.00-13.00	Workshop room preparation
13.00-14.30	#02 The future trend and hip arthroplasty	13.00-14.30	#04 Debate (TH)	13.00-14.30	#06 Workshop: Johnson & Johnson
14.30-15.00	Coffee break	14.30-15.00	Coffee break	14.30-15.00	Coffee break
15.00-15.30	#03 THKS Highlight lectures				
15.30-16.30	Opening				

Faculty Dinner (By Invitation)

Friday 5th December 2025 (Day 2)

Time	Meeting Room A	Time	Meeting Room B	Time	Meeting Room C
08.30-10.00	#07 The future trend in knee arthroplasty	08.30-10.00	#11 Lessons and learns from my cases	08.30-10.00	#15 THKS fellow paper presentation I
10.00-10.30	Coffee break	10.00-10.30	Coffee break	10.00-10.30	Coffee break
10.30-12.00	#08 THKS-Stanford symposium: Advanced concept in hip and knee arthroplasty I	10.30-12.00	#12 Free paper presentation	10.30-12.00	#16 THKS fellow paper presentation II
12.00-13.00	Lunch symposium: Amgen	12.00-13.00	Lunch symposium: TRB Chemedica	12.00-13.00	Mini symposium: LG
13.00-14.30	#09 THKS-Stanford symposium: Advanced concept in hip and knee arthroplasty II	13.00-14.30	#13 Practical points in hip fracture management: Panel discussion (TH)	13.00-14.30	#17 THKS fellow paper presentation II
14.30-15.00	Coffee break	14.30-15.00	Coffee break	14.30-15.00	Coffee break
15.00-16.30	#10 Alumni THKS-Stanford: Experience sharing and potential networking with future collaboration in ASIA-Pacific region	15.00-16.30	#14 Panel discussion: Complex primary knee arthroplasty	15.00-16.30	#18 Workshop: Johnson & Johnson

Presidential Dinner (By Invitation)

Saturday 6th December 2025 (Day 3)

Time	Meeting Room A	Time	Meeting Room B	Time	Meeting Room C
08.30-10.00	#19 Panel discussion: Revision knee arthroplasty	08.30-10.00	#22 Advanced adult reconstruction course I (TH)	08.30-10.00	#25 Workshop: Zimmer
10.00-10.30	Coffee break	10.00-10.30	Coffee break	10.00-10.30	Workshop room preparation
10.30-12.00	#20 VDO surgical demonstration: Hip and knee arthroplasty	10.30-12.00	#23 Advanced adult reconstruction course II (TH)	10.30-12.00	#26 Workshop: B. Braun
12.00-13.00	Lunch symposium: Yuanhua Robotics, Perception & AI Technologies	12.00-13.00	Lunch symposium: Viatrix	12.00-13.00	Mini symposium: b-ONE Ortho
13.00-14.30	#21 Panel discussion: Revision hip arthroplasty	13.00-14.30	#24 Advanced adult reconstruction course III (TH) Case-based	13.00-14.30	Workshop room preparation
14.30-16.00	Coffee break	14.30-16.00	Coffee break	14.30-16.00	#27 Workshop: Smith & Nephew
16.00-17.45	Hip & Knee Training Graduation Program				
17.45-18.00	Closing				

Congress Dinner (All Participant)

DAY 1 (04 December 2025)								
Time	Meeting Room A		Time	Meeting Room B		Time	Meeting Room C	
08.30-10.30	Registration					10.30-12.00	#05 Workshop: Stryker	Moderators
10.30-12.00	#01 Panel discussion: Complex primary hip arthroplasty	Moderators Srihatach Ngarmukos Saradej Khuangsirikul Panelists Apisit Pattamarat Thana Narinorasaak Chavanont Sumanasethakul Ukrit Chaweewannakom Varah Yuenyongviwat Chavarat Jarungvittayakon						1 2
10.30-10.50	Patient presented with dysplasia hip	Pakpoom Somsak						
10.50-11.10	Patient presented with hip pain and arkylosed hip	Puttipol Waipanya						
11.10-11.30	Patient presented with hip pain after acetabular fracture fixation	Ittwest Onkin						
11.30-11.50	Patient presented with failed internal fixation of proximal femur	Patcharavit Ploymunpon						
11.50-12.00	Questions and answers							
12.00-13.00	Lunch symposium: Talcho		12.00-13.00	Lunch symposium: Zimmer		12.00-13.00	Workshop room preparation	
13.00-14.30	#02 The future trend in hip arthroplasty (Presentation 8 minutes)	Moderators Satti Thiangwittayaporn Nakashima Yasuharu	13.00-14.30	#04 Debate (TH)	Moderators Thana Narinorasaak Siwadol Wongsak	13.00-14.30	#06 Workshop: Johnson & Johnson	Moderators
13.00-13.08	TBA	Charlee Sumettavanich	13.00-13.30	Image-based versus imageless robotic-assisted TKA				
13.08-13.16	Spinopelvic relationships in THR dislocation	Joo-Hyoun Song	13.00-13.15	Imageless robotic-assisted TKA				
13.16-13.24	What has been achieved in THA with CT-based robotic; present and future	Atsuko Sato	13.15-13.30	Image-based robotic-assisted TKA				
13.24-13.32	Unmasking the "Unseen" dormant state of infection: allows the prediction of infection free implant survival	Derek Amanatullah		Vote				
13.32-13.40	Robotic-arm assisted total hip arthroplasty for dysplastic hips	Nakashima Yasuharu						
13.40-13.53	Questions and answers		13.30-14.00	Revision femoral component in periprosthetic fracture after THA: Vancouver B2				
13.53-14.01	Arthroplasty in unstable intertrochanteric fractures: prosthetic selection and proper surgical techniques	Apisit Pattamarat	13.30-13.45	Affirm				
14.01-14.09	Hip arthroplasty through DAA for hip fractures in the elderly	Young-Yool Chung	13.45-14.00	Oppose				
14.09-14.17	Effect of stem position and length on bone-stem constructs after cementless hip arthroplasty: A finite element analysis	Je-Hyun Yoo		Vote				
14.17-14.25	Porous coating cup with directed energy deposition (DED) based 3D printing	Young-Wook Lim	14.00-14.30	Medial compartment OA knee in elderly patients				
14.25-14.30	Questions and answers		14.00-14.15	TKA				
			14.15-14.30	UKA				
				Vote				
14.30-15.00	COFFEE BREAK		COFFEE BREAK					
15.00-16.30	#03 THKS Highlight lectures	Moderators Thanaint Chotanaphuti Satti Thiangwittayaporn	#03 THKS Highlight lectures		Moderators Thanaint Chotanaphuti Satti Thiangwittayaporn			
15.00-15.15	Arthroplasty trend in 2025	Putti Tantikosol	Arthroplasty trend in 2025		Putti Tantikosol			
15.15-15.30	Update International consensus meeting (ICM) 2025	Atthakorn Jarusriwanna	Update International consensus meeting (ICM) 2025		Atthakorn Jarusriwanna			
16.30-16.30	Opening		Opening					

DAY 2 (05 December 2025)									
Time	Meeting Room A		Time	Meeting Room B		Time	Meeting Room C		
08:30-10:00	#07 The future trend in knee arthroplasty (Presentation 8 minutes)	Moderators Viroj Lertpittayapong Chawarat Surtanarathkul	08:30-10:00	#11 THNS symposium: Lessons and learned from my cases (Presentation 8 min; Discussion 2 min) My most challenging case	Moderators Arin Laorungthana Boonchara Pongcharoen	08:30-10:00	#10 THNS follow paper presentation I (Present 5 min; QA 2 min) Day 2: 05/12/2025	Moderators Ponchai Meepruk Patchanan Pongpurnon	
08:30-08:38	Robotic-assisted unicompartmental knee arthroplasty: how to perform it properly	Sattit Thangwattayaporn	08:30-08:40	Knee arthroplasty case 1	Varish Tuanyongkiet	08:30-08:37	Effect of Posterior Osteotomy: Normal on Control Lock Versus Balance with CT-based Robotic-Assist TKA: Adjust Medialization Alignment with Total Cal Test Technique	Tanawan Khutkun	
08:38-08:46	Persistent horizontal joint line: the universal functional alignment concept	Viroj Lertpittayapong	08:40-08:50	Knee arthroplasty case 2	Rapeepat Nartkhumnam	08:37-08:44	Impact of greater trochanters overhang to femoral distal position in hip replacement	Sukhom Sittiwat	
08:46-08:54	Componentless total knee replacement: what is our experience so far?	Henry Chun Hon Fu	08:50-09:00	Hip arthroplasty case 1	Wiloon Waritcharoenpan	08:44-08:51	Factors affecting extended length of hospital stay for patients on going total knee arthroplasty	Chingtham Deontornasarnrat	
08:54-09:02	Advancing robotic-assisted in revision total knee arthroplasty	Thakrit Chomprasong	09:00-09:10	Hip arthroplasty case 2	Phuadikorn Panchikul	08:51-08:58	Impact of Design on distal outcomes in Total knee Arthroplasty: A Comparative Study of Gradual radius and Single Radius Femoral Prostheses	Nat Boonyapong	
09:02-09:10	Simultaneous bilateral total knee arthroplasty: present and future trend	Thana Narinwornrak	09:10-09:15	Question and answers		08:58-09:05	Validity of the new Motion Analysis Tool for the assessment of knee range of motion in patients with knee osteoarthritis: A comparative study	Thasavita Srisutthi	
09:10-09:15	Questions and answers			My terrible case		09:05-09:12	Comparative analysis: effect after total knee arthroplasty between intravenous multimodal analgesic agent injection versus peritubular injection – A Randomized Control Trial	Worapong Subhachanas	
09:15-09:23	Arthroplasty and bone health: Time for a paradigm shift?	Asis Ummamontana	09:15-09:25	Knee arthroplasty case 1	Kamoluk Sukhthumman	09:12-09:19	Analysis of Osteoarthritis Patient Classification Using CTSA Classification and Its Impact on Total Knee Arthroplasty in Chiang Mai, Thailand	Jitapap Tadee	
09:23-09:31	A Consideration of Factors for Achieving Optimal Long-Term Outcomes in CR TKA	Shinro Takai	09:25-09:35	Hip arthroplasty case 2	Kit Boontangnabul	09:19-09:26	Functional gap positioning in total hip arthroplasty using imageless navigation	Piyanon Nornnornwat	
09:31-09:39	Re-revision total knee arthroplasty with metaphyseal sleeve	Saradej Khuangkritkul	09:35-09:45	Hip arthroplasty case 1	Chawarat Jarungthayakorn	09:26-09:33	Comparison of patient radiographic outcomes between mechanical and kinematic planning in functional aligned total knee arthroplasty	Nogot Ladamthap	
09:39-09:47	Advance in pain management for total knee arthroplasty: The role of multimodal analgesic approaches	Asita Arin	09:45-09:55	Hip arthroplasty case 2	Warakorn Jangit	09:33-09:40	An outcome comparison of anterior knee pain between patella resurfacing and non-resurfacing in subtrochanter approach total knee arthroplasty	Thasarin Udomsriekul	
09:47-10:00	Questions and answers		09:55-10:00	Question and answers		09:40-09:47	The outcomes of Mid-substance MCL release in Varus knee patients using Robotic-arm assisted CR TKA	Sakorn Deemichulak	
10:00-10:30	COFFEE BREAK		10:00-10:30	COFFEE BREAK		10:00-10:30	Summary		
10:30-12:00	#08 THNS Stanford symposium: Advanced concept in hip and knee arthroplasty I (Presentation 8 minutes)	Moderators William Maloney Sritachak Ngernmukda	10:30-12:00	#12 Free paper presentation (Present 5 min; QA 2 min) Room B Day 2: 05/12/2025	Moderators Witachai Kitworn Nattaphong Hongku	10:30-12:00	#13 THNS follow paper presentation II (Present 5 min; QA 2 min) Day 2: 05/12/2025	Moderators Jirapong Meekras Chaturong Porrasatarnasarnwong	
10:30-10:38	Osteoporosis – bench to bedside	Stuart Goodman	10:30-10:37	1. Travelling Fellow Korean Hip Society 1	Kawal, Dae-Ryung	10:30-10:37	Efficacy of transarterial patch in reducing post-operative pain after total knee arthroplasty with its comparison to oral opioids: Randomized controlled trial	Worachai Jangwatt	
10:38-10:46	The concept of preoperative planning for Crowe III and some simple techniques for leg lengthening to realize this	Mitsuki Matsubara	10:37-10:44	2. Travelling Fellow Korean Hip Society 2	Jung-Mo HWANG	10:37-10:44	Comparison of different diclofenac doses for pain reduction after total knee arthroplasty: A randomized controlled trial	Pongkarn Aothaisakul	
10:46-10:54	Philosophy of knee alignment in total knee arthroplasty: current concept	James Huddleston	10:44-10:51			10:44-10:51	Radiologic Evaluation of Knee Phenomena Based on the Coronal Plane Alignment of the Knee Classification in Thai Population	Tanapong Kulkasap	
10:54-11:02	Isometric position of PCL in cruciate-retaining knee prosthesis	Thammit Chatsangphut	10:51-10:58			10:51-10:58	What risk factors could lead to needing UKA on the opposite knee for a patient who previous underwent UKA?	Rachata Boonhongsang	
11:02-11:10	Preop optimization: fact track and efficiency	Christopher Mow	10:58-11:05			10:58-11:05	The study of intermittent intravenous Nefopam efficacy after robotic-assisted total knee arthroplasty	Sugant Ektawon	
11:10-11:15	Questions and answers		11:05-11:12			11:05-11:12	The Efficacy of Ultrasound Bath Sonication in Removing Biofilms from Polyethylene Liner	Wiroon Chinnatsornwong	
11:15-11:23	Component TKA: has the time finally come	William Maloney	11:12-11:19			11:12-11:19	The Impact of Nephropathy Use on Early Postoperative Complications Following Hip Arthroplasty for Fragility Fractural Neck Fractures	Wiroon Chinnatsornwong	
11:23-11:31	Challenging Cases of UKA Failure: Lessons for the Future	Sang-Jun Song	11:19-11:26			11:19-11:26	Impact of sterilizing Hepra-mediated ultrasonic cement spacers on antibacterial efficacy	Pongroj Suthiphakornkitt	
11:31-11:39	Robotics reduces the use of differential liners during total knee arthroplasty	Derek Amaratunga	11:26-11:33			11:26-11:33	Comparison of assisting in prosthetic position and efficacy between CT-based Robotic-Assisted Total Knee Arthroplasty (TKA) and Conventional Total Knee Arthroplasty	Nat Tanasakul	
11:39-11:47	Double set-up in DAIR: optimizing infection control and implant retention	Pya Pienpramuk	11:33-11:40			11:33-11:40	Development and validating deep learning model for preoperative hip arthroplasty	Tanapat Jangwongthet	
11:47-11:55	TKA	Uthit Chawannasirakorn	11:40-11:47			11:40-11:47	The Effects of Treatment for End-Stage Osteoarthritis Patients Awaiting Surgery Using Intra-Articular Hyaluronic Acid Injections Combined with Non-Steroidal Anti-Inflammatory Drugs (NSAID)	Pakpoom Suthithachai	
11:55-12:00	Questions and answers		11:47-11:54			11:47-12:00	Summary		
12:00-12:00	Lunch symposium: Angen		12:00-12:00	Lunch symposium: TBS Chermelica		12:00-12:00	Mini symposium: LG		
13:00-14:30	#09 THNS Stanford symposium: Advanced concept in hip and knee arthroplasty II (Presentation 8 minutes)	Moderators James Huddleston Rapeepat Nartkhumnam	13:00-14:30	#13 Practical points in hip fracture management: Panel discussion (TH)	Moderators Varish Tuanyongkiet Rit Apornyikul	13:00-14:30	#17 THNS follow paper presentation III (Present 5 min; QA 2 min) Day 2: 05/12/2025	Moderators Dorak Meethanasri Hosent Othien	
13:00-13:08	The Wagner prosthesis for complex total hip arthroplasty	Stuart Goodman			Panelists Sakdabach Limmahakul	13:00-13:07	Outcome of hip surgery using the Direct anterior approach at Bangkok Hospital?	Tanapat Lachasakhaeworn	
13:08-13:16	Robotic-assisted total hip arthroplasty: Man versus Machine	Sritachak Ngernmukda			Nattaphong Hongku	13:07-13:14	Does Mirapexin Provide Analgesic Efficacy Over Propofol in Total Knee Arthroplasty? A randomized controlled trial	Pattipong Wongsirakul	
13:16-13:24	How to prevent hip instability after total hip arthroplasty	James Huddleston			Atthakorn Jaruratanasri	13:14-13:21	Knee Stability After Total Knee Arthroplasty: Comparing Contemporary designed Total Knee Arthroplasty between Kinematic reference and Bi-unicus Reference Prostheses	Anusorn Pannasri	
13:24-13:32	Preoperative prediction for periprosthetic bone loss and individual evaluation of bisphosphonate effect after TKA using AI	Takaki Inoue			Chawarin Amarasri	13:21-13:28	Evaluation of hip knee-ankle angle after Robotic-assisted TKA using distal femoral measurement bone cut technique	Tanapat Uthairatana	
13:32-13:40	Updated management of periprosthetic fractures after TKA	Seung Beom Han			Ekasana Varitcharankul	13:28-13:35	Comparison of postoperative functional implant position and surgical outcome between robotic-assisted TKA and conventional TKA	Tanapat Sritrak	
13:40-13:45	Questions and answers				Hongyong Subathan	13:35-13:42	Efficacy of the Physical Co-Morbidity Index in total hip and total knee arthroplasty to decrease complications in Phasathai 2 Hospital	Tanawat Udomsarnghat	
13:45-13:53	Trends in hip and knee replacement in the USA : are they supported by the literature	William Maloney				13:42-13:49	Consent Alignment of the Knee (CFMK) and Joint Line Obliquity: Their Correlation with Good Clinical Outcomes in Medial Unicompartment Knee Arthroplasty	Anant Thawarawatt	
13:53-14:01	Virtual reality in Orthopaedics: application of ANVR in TKA/THA	Christopher Mow				13:49-13:56	Comparative study between 3-degree valgus distal femoral cut and distal femoral measurement cut in TKA: improve mechanical alignment technique	Sriant Vatsaphachara	
14:01-14:09	Artificial intelligence in arthroplasty	Stavros Wongpak				13:56-14:03	The Efficacy of Low-Level Laser on Postoperative Pain and Range of motion (ROM) after bilateral Total knee arthroplasty: A Double-Blind Controlled Randomized Clinical Trial	Norachai Jirattakul	
14:09-14:17	The unseen threat of AI in Orthopaedic surgery	Derek Amaratunga				14:03-14:10	Efficacy of High-Dose versus Moderate-Dose Intravenous Diclofenac in Reducing Pain Following Bilateral Total Knee Arthroplasty: A prospective randomised control trial	Kasawat Kumpien	
14:17-14:25	Evolution of surface coating technology in Orthopaedic artificial joints: Application of DED 3D printing	Doo Heon Sun				14:10-14:16	Summary		
14:25-14:30	Questions and answers								
14:30-15:00	COFFEE BREAK		14:30-15:00	COFFEE BREAK		14:30-15:00	COFFEE BREAK		
15:00-16:30	#10 Alameda THNS Stanford: Experience sharing and potential networking with future collaboration in ASIA-Pacific region	Moderators Stuart Goodman Asis Ummamontana	15:00-16:30	#14 Panel Discussion: Complex Primary Knee Arthroplasty	Moderators Naratit Charandachavarith Piti Rattanasriechavee	15:00-16:30	#18 Workshop: Johnson & Johnson	Moderators	
15:00-15:10	Evolution of THNS Stanford collaboration: Past / Present / Future	Christopher Mow			Panelists Walid Samraewattana				
15:10-15:20	What did you learn from Stanford hip and knee fellowship program?				Viroj Lertpittayapong				
15:20-15:30	Thailand's perspective	Sritachak Ngernmukda			Piuk Chaiyakit				
15:30-15:40	Philippines' perspective	Jose Fernando C. Sepua			Nattapod Tammachote				
15:40-15:50	Taiwan's perspective	Mel S. Lee			Arin Laorungthana				
15:50-16:00	Korea's perspective	Doo Heon Sun			Warakorn Jangit				
16:00-16:30	Discussion								
	Panel discussion: Experience sharing and future networking	Panelists Jose Fernando C. Sepua Mel S. Lee Young Wook Lim Rapeepat Nartkhumnam Rit Apornyikul Kit Boontangnabul	15:00-15:20 15:20-15:40 15:40-16:00 16:00-16:20 16:20-16:30	Patient presented with knee pain after distal femoral fracture Patient presented with knee pain with extensor mechanism problem Patient presented with severe valgus deformity Patient presented with knee pain and previous history of knee infection Questions and answers	Warin Lanthanaporn Ratit Suksotha Wittawat Boonyamawet Jaysu Phulphut				

DAY 3 (06 December 2025)																
Meeting Room A			Meeting Room B			Meeting Room C										
Time			Time			Time										
08.30-10.00	#19 Panel discussion: Revision knee arthroplasty	Moderators	08.30-10.00	#22 Advanced Adult Reconstruction Course I (TH) (Presentation 8 minutes)	Moderators	08.30-10.00	#25 Workshop: Zimmer	Moderators	1 2							
		Apisit Pattamarat			Kritkamol Sittikul											
		Nattapol Tammachote			Chavarin Amarasae											
		Panelists			Yuthana Kanasuk											
		James Huddleston			Tulpong Ampool											
		Surasaj Melkison			Patcharavit Ployrungron											
		Saradej Khuangsinhul			Theerawat Hongrakapak											
		Wiloon Wanthacherngorn														
		Piit Rattanasrechevej			Anuwat Pongnakorn											
		Chaturong Porntattanasameewong			Ittawat Ordin											
08.30-08.50	Patient presented with stiffness after TKA	Nuttawet Charanlithchai	08.30-08.38	How to avoid common mistakes in cup positioning and leg length discrepancy												
08.50-09.10	Patient presented with severe bone defect planned for revision total knee arthroplasty	Withawat Jaderojanmont	08.38-08.46	Dual mobility cups in primary THA: when and why?												
09.10-09.30	Patient presented with redness and wound drainage after total knee arthroplasty	Chayul Chaipern	08.46-08.54	What new in the dysplastic hip in primary THA 2025												
09.30-09.50	Patient presented with history of trauma and distal femoral fracture after total knee arthroplasty	Nikom Noree	08.54-09.02	Cemented versus cementless THA in 2025: revisiting registry data and indication												
09.50-10.00	Questions and answers		09.02-09.10	Questions and answers												
09.10-09.18			09.18-09.26	Revision THA for instability: algorithm and surgical Options												
09.26-09.34			09.26-09.34	Periprosthetic fractures in THA: classification and treatment options												
09.34-09.42			09.34-09.42	Osteolysis in hip arthroplasty: mechanisms, diagnosis and management												
09.42-10.00			09.42-10.00	Questions and answers												
COFFEE BREAK			COFFEE BREAK			Workshop room preparation										
10.00-10.30			10.00-10.30			10.00-10.30										
10.30-12.00	#20 VDO surgical demonstration: Hip and knee arthroplasty	Moderators	10.30-12.00	#23 Advanced Adult Reconstruction Course II (TH) (Presentation 8 minutes)	Moderators	10.30-12.00	#26 Workshop: B. Braun	Moderators	1 2							
		Vinyi Kaewonggarnet			Chavarat Jarungthayakon											
		Thakrit Chompoosang			Eksame Vanchanontkul											
		Knee arthroplasty			Withawat Jaderojanmont											
		Karnkook Sukhonthuman			Sakkadech Limmahatthun											
		Calipered kinematic alignment TKA			Danai Heebthamail											
		Lateral unicompartmental knee arthroplasty in osteonecrosis knee			Norn Jaruthien											
		MAKO TKA in post-traumatic osteoarthritis with extra-articular deformity knee														
		Hot Tanayakul			Chayul Chaipern											
		Revision unicompartmental knee arthroplasty to total knee arthroplasty using robotic-assisted surgery			Wittawat Boonyanawat											
		Hip arthroplasty			Wasin Wichtpreeda											
		Muscle sparing technique (ABSM) for hip replacement			Kritkamol Sittikul											
		No trial technique in bipolar hemiarthroplasty via direct anterior approach														
		Total hip arthroplasty with triple wiring technique in intertrochanteric fracture														
		Total hip arthroplasty in proximal acetabuli														
		11.00-11.10			Questions and answers					11.02-11.12	Questions and answers					
11.12-11.20			11.12-11.20	Patellofemoral complications in TKA: prevention and management												
11.20-11.28			11.20-11.28	Knee osteonecrosis: what you need to know ?												
11.28-11.36			11.28-11.36	Algorithmic evaluation of the painful TKA												
11.36-11.44			11.36-11.44	Choosing the right revision strategy: algorithm for TKA failures												
11.44-12.00			11.44-12.00	Questions and answers												
Lunch symposium: Yuanhua Robotics, Perception & AI Technologies			Lunch symposium: Viatrix			Mini symposium: b-ONE Ortho										
12.00-13.00			12.00-13.00			12.00-13.00										
13.00-14.30	#21 Panel discussion: Revision hip arthroplasty	Moderators	13.00-14.30	#24 Advanced adult reconstruction course II (TH) Case-based (Presentation 8 minutes)	Moderators	13.00-14.30	Workshop room preparation									
		Piya Pitsomsak			Piit Rattanasrechevej											
		Ullert Chaweevanrakorn			Krit Boontanapibul											
		Panelists														
		Densik Anantakulath			Kank Sukvipha											
		Charlee Sumetkavichit			Jiraya Phalghot											
		Aasit Uthairatana			Orgart Pinneththajit											
		Siwadol Wongsak			Nuttawet Charanlithchai											
		Thakrit Chompoosang														
		Rit Apinyankul														
		Bum Sutthapatt														
		Supakit Kanitkate														
		Putthi Tantirosol														
		Wasin Wichtpreeda														
		13.00-13.20			Patient presented with severe femoral bone loss prepared to revision total hip arthroplasty					13.00-13.20	Medial compartment OA in young patients: HTO or UKA					
		13.20-13.40			Patient presented with painful hip after hemiarthroplasty					13.20-13.40	P.J after TKA: approach / diagnosis and classification / bone defect management/ prosthetic selection					
13.40-14.00	Patient presented with severe acetabular bone loss prepared to revision total hip arthroplasty		13.40-14.00	Periprosthetic fracture after TKA classification & management												
14.00-14.20	Patient presented with recurrent dislocation of THA		14.00-14.20	Revision THA approach: bone defect management / prosthetic selection												
14.20-14.30	Questions and answers		14.20-14.30	Questions and answers												
COFFEE BREAK			COFFEE BREAK			Workshop room preparation										
14.30-16.00			14.30-16.00			14.30-16.00										
16.00-17.45	Hip & Knee Training Graduation Program		16.00-17.45	Hip & Knee Training Graduation Program												
Srihatach Ngarmukos			Srihatach Ngarmukos													
Thana Narinsorasak			Thana Narinsorasak													
Siwadol Wongsak			Siwadol Wongsak													
17.45-18.00	Closing		Closing													