



45th RCOST & 43rd ASEAN OA Meeting
With Guest Nation from Australia (AOA)

October 20-22, 2023
Royal Cliff Hotel, Pattaya, Thailand

BEYOND THE HORIZON
ABOVE THE LIMIT

20 October 2023

Time	Room A	Room B	Room C	Room D	Room E	Room F
08.30 - 10.00	New solution in Orthopaedics practice	ICL 1	RCOST - Trauma section - AOA 1	Spine	Pediatric	Free paper
10.30 - 12.00	Coffee break	Coffee break	Coffee break	Coffee break	Coffee break	Coffee break
10.30 - 12.00	AOA	ICL 2	RCOST - Trauma section - AOA 2	Spine	Tumor	Free paper
12.00 - 13.00	Lunch Symposium	Lunch Symposium	Lunch Symposium	Lunch Symposium	Lunch Symposium	Lunch Symposium
13.00 - 14.30	Highlights across ASEAN OA	ICL 3	Master class in Trauma surgery	Master class 2023: Spine surgery	Metabolic	Free paper
14.30 - 15.00	Coffee break	Coffee break	Coffee break	Coffee break	Coffee break	Coffee break
15.00 - 16.30	Opening ceremony	Opening ceremony	Opening ceremony	Opening ceremony	Opening ceremony	Opening ceremony
18.30 - 21.00	Presidential dinner	Presidential dinner	Presidential dinner	Presidential dinner	Presidential dinner	Presidential dinner

21 October 2023

Time	Room A	Room B	Room C	Room D	Room E	Room F
08.30 - 10.00	Master class 2023: Lower extremity	Sports Medicine	Hip&knee	ACR - RCOST resident review course 1	Hand	Regional meeting
10.00 - 10.30	Coffee break	Coffee break	Coffee break	Coffee break	Coffee break	Coffee break
10.30 - 12.00	Master class 2023: Upper extremity	Sports Medicine	Hip&knee	ACR - RCOST resident review course 2	Foot & ankle	Regional meeting
12.00 - 13.00	Lunch Symposium	Lunch Symposium	Lunch Symposium	Lunch Symposium	Lunch Symposium	Lunch Symposium
13.00 - 14.30	RCOST business meeting	RCOST business meeting	RCOST business meeting	RCOST business meeting	RCOST business meeting	RCOST business meeting
14.30 - 15.00	Coffee break	Coffee break	Coffee break	Coffee break	Coffee break	Coffee break
15.00 - 16,30	Resident paper contest	Meet the experts from Asia Pacific regeion	New solution in Orthopaedics practice		Thai Orthopaedic nurse society	Regional meeting
18.30 - 21.00	Alumni	Alumni	Alumni	Alumni	Alumni	Alumni

22 October 2023 Specialty Day

Time	Room A	Room B	Room C	Room D	Room E	Room F
08.30 - 10.00	Trauma	Spine	Hand	Pediatric	Basic science	
10.30 - 12.00	Coffee break	Coffee break	Coffee break	Coffee break	Coffee break	
10.30 - 12.00	Trauma	Spine	Hand	Pediatric	Basic science	
12.00 - 13.00	Lunch Symposium	Lunch Symposium	Lunch Symposium	Lunch Symposium	Lunch Symposium	
13.00 - 14.30	Hip knee	Sports Medicine	Foot Ankle	Tumor	Metabolic	
14.30 - 15.00	Coffee break	Coffee break	Coffee break	Coffee break	Coffee break	
15.00 - 16.30	Hip knee	Sports Medicine	Foot Ankle	Tumor	Metabolic	

October 20, 2023(Day 1)								
Time	Room A		Time	Room B				
08.30 - 10.00	New Solutions in Orthopaedic Practice	Moderators Niti Prasathaporn Chamnanni Rungprai Chatchawan Lertbutsayanukul Chayanin Angthong Veeranon Chunyawongsak Rit Apinyankul Michael Scheutz	08.30 - 10.00	ICL 1	Moderators Thongchai Laohathaimongkol Thepparat Kanchanathepsak Thongchai Laohathaimongkol Sitthiphong Suwannaphisit Puttipol Waipanya Jirawat Saengsin Chotetawan Tanavalee Jirun Apinun Thepparat Kanchanathepsak			
			08.30-08.45			Recurrent shoulder dislocation: How to deal with it?	08.40-08.50	Robotic-assisted microsurgery and its future in hand surgery
			08.45-09.00			Total ankle replacement: New solution for treatment ankle arthritis	08.50-09.00	Role of cementless total hip arthroplasty in elderly patients
			09.00-09.15			Distal radius fracture: What we need to know.	09.00-09.10	Questions and answers
			09.15-09.30			Robotic surgery in arthroplasty	09.10-09.20	The role of biologic adjuncts in augmenting cartilage healing and the management of osteochondral lesions of the talus
			09.30 - 09.45			Current Concepts in the treatment of Fracture Related Infections	09.20-09.30	Knee arthroplasty in abnormal bone quality
			09.45 - 10.00			Questiona and answers	09.30-09.40	Application of three-dimensional (3D) printing technology in Orthopaedic foot and ankle surgery
							09.40-09.50	Reconstructive hand surgery: repair and rebuild
							09.50-10.00	Questions and answers
			10.00 - 10.30			Coffee break		10.00 - 10.30
10.30 - 12.00	Presidential Lecture	Moderators Satit Thiengwittayaporn Chanakarn Phornphutkul Thipachart Punyaratabandhu Chris Morrey Denny Lie	10.30 - 12.00	ICL 2	Moderators Patarawan Woratanarat Puwapong Nimkingrata Patarawan Woratanarat Paween Tangchitphisut Chairathit Anusitviwat Thiti Kerd-Aroonsooksree Nisalak Upho Prangthong Unprasert Puwapong Nimkingrata			
			10.30-10.40			Network-meta analysis	10.40-10.50	Application of mesenchymal stem cells (MSCs) on Orthopedics
			10.50 - 11.00			Questions and answers	10.50-11.00	Role of vitamin D in musculoskeletal diseases
			11.00-11.20			AOA president: Acetabular fracture in the elderly - Are we doing too much or too little?	11.00-11.10	Questions and answers
			11.20 - 11.30			Questions and answers	11.10-11.20	Osteosarcopenia (The Hazardous duet)
			11.30 - 11.50			ASEAN OA president: "Strategies in cuff repair: 1. Ensuring the better outcome, 2. Dealing with challenging tears"	11.20-11.30	Advanced in local drug delivery system in Orthopaedic infection
			11.50 - 12.00			Questions and answers	11.30-11.40	Advanced treatment Concepts in Legg-Calve-Perthes disease
							11.40-11.50	Tissue engineering and regenerative sports medicine
							11.50-12.00	Questions and answers
			12.00 - 13.00			Lunch Symposium		12.00 - 13.00
13.00 - 14.30	Highlights across Asia pacific (12 mins/ 3 mins for QA)	Moderators Perajit Eamsobhana Chotetawan Tanavalee Chun Hoi Yan Nicolas Reina Ismail Hadisoebroto Yi-Sheng Chan Tunku Kamarul Zaman Munjed Al Muderis	13.00 - 14.30	ICL 3	Moderators Thanate Poosiripinyo Pornsak Nirunsuk Duangjai Leeprakobboon Pasit Sengpanich Wongthawat Liawrungrueang Thanate Poosiripinyo Pornsak Nirunsuk Khanathip Jitpakdee			
			13.00-13.10			Do all displaced intra-articular lateral condyle of distal humerus fracture need surgery?	13.10-13.20	Simutaneous internal fixation and flap coverage in management of open fracture
			13.00-13.12			The ideal alignment after total knee replacement	13.20-13.30	Artificial Intelligence and Machine Learning in Spine
			13.12-13.24			Is there a safe zone for implant positioning in THA?	13.30-13.40	Questions and answers
			13.24-13.36			Total Hip Replacement for acetabular fracture : neglected case, post trauma and geriatric	13.40-13.50	Current concepts management of unplanned excision of soft tissue sarcomas
			13.36-13.45			Questions and answers	13.50-14.00	Lower-limb deformities: multiplanar corrections with Hexapod
			13.45-13.57			Tibial plateau fracture: 20-years result for arthroscopic management	14.00-14.10	Endoscopic spine surgery: Where are we now and what future awaits us?
			13.57-14.09			Current trends in the application and research of Musculoskeletal Regenerative Medicine in the ASEAN region	14.10-14.30	Questions and answers
			14.09-14.21			Osseointegration for amputees - Expansion into SouthEast Asia		
			14.21-14.30			Questions and answers		
14.30 - 15.00	Coffee break		14.30 - 15.00	Coffee break				
15.00 - 16.30	Openning ceremony		15.00 - 16.30	Openning ceremony				
18.30 - 21.00	Presidential dinner		18.30 - 21.00	Presidential dinner				

October 20, 2023(Day 1)					
Time	Room C		Time	Room D	
08.30 - 10.00	RCOST - Trauma section - AOA 1 (Fragility fracture of pelvis: A silent injury in the elderly)		08.30 - 10.00	Spine	
08.30 - 08.42	Case presentation: Misdiagnosed /Inadequate treatment of FFP	Moderators Surapong Anuraklekha Apipop Kritsaneephaiboon	08.30 - 08.40	Moderators Areesak Chotivichit Chaiwat Piyaskulkaew	
08.42 - 08.54	Fragility fracture of pelvis: Diagnosis, evaluation and classification	Kitchai Luksameearunothai	08.40 - 08.50	Roongrath Chitragran	
08.54 - 09.06	Pelvic ring injuries in the elderly; which one needs Surgery & which one doesn't?	Yanin Plumarom	08.50 - 09.00	Nattharut Chaibhuddanugul	
09.06 - 09.18	Surgical fixation techniques in fragility fracture of the pelvis	Rahat Jarayabhand	09.00 - 09.10	Panlop Tirawanish	
09.18 - 09.30	Questions and answers	Chris Morrey	09.10 - 09.20	Panya Luksanapruksa	
09.30 - 09.37	Free Paper 1 : Towards a value-based healthcare: an experience from geriatric hip fracture care in Phrae, Thailand Free Paper 2 : Recombinant human erythropoietin increases hemoglobin levels and reduces blood transfusions in patients with femur fractures; a randomized controlled trial study Free Paper 3 : The role of additional X-ray imaging in the decision making of midshaft fractures of the clavicle treatment Free Paper 4 : Lateral femoral anteversion axis line improves accuracy of helical blade guidewire insertion during cephalomedullary nailing of intertrochanteric fracture, A prospective study	Pharanyoo Osotthanakorn	09.20 - 09.30	Siravich Suvithayasiri	
09.37 - 09.44		Rudeetip Smithsarakarn	09.30 - 09.40	Akaworn Mahatthanatrakul	
09.44 - 09.51		Kritsada Chueamueangphan	09.30 - 09.37	Sittichai Yomtako	
09.51 - 09.58		Anawat Thawaranont	09.37 - 09.44	Peem Sarasombath	
10.00 - 10.30	Coffee break		10.00 - 10.30	Coffee break	
10.30 - 12.00	RCOST - Trauma section - AOA 2 (Fractures of upper extremity)		10.30 - 12.00	Spine	
10.30 - 10.42	Fixation of scapular fracture: Approaches and reduction techniques	Moderators Nathapon Chantaraseno Pornpanit Dissaneewate	10.30 - 10.40	Moderators Sombat Kunakornsawat Kooping Siribumrungwong	
10.42 - 10.54	Dorsal plating for distal radius: When and How?	Pornpanit Dissaneewate	10.40 - 10.50	Weerasak Singhatanadgige	
11.54 - 11.06	Type C distal humerus fractures "The key stone"	Navapong Anantavorasakul	10.50 - 11.00	Kooping Siribumrungwong	
11.06 - 11.18	Management of complex elbow fractures : An algorithmic approach	Nathapon Chantaraseno	11.00 - 11.10	Win Boonsirikamchai	
11.18 - 11.30	Questions and answers	Avanthi Mandaleson	11.10 - 11.20	Torphong Bunmaprasert	
11.30 - 11.37	Free Paper 5 : Using a computer topographic study to establish the proper area and a technical guide for 7.0 supra-acetabular screw for pelvic ring fractures Free Paper 6 : Radiographic comparison of sliding distance in base depression and base extrusion: Femoral head fixation devices of cephalomedullary fixation, intertrochanteric fractures Free Paper 7 : Superior clavicular LCP versus reverse plate application in distal clavicular shaft fracture; a cadaveric study Free Paper 8 : A computed tomography angiography evaluation of normal knee, to establish the safe zone of Poller screw insertion in proximal tibial fracture	Chitiphat Poursawat	11.20 - 10.30	Piya Chavalparit	
11.37 - 11.44		Thakoon Boonnarakorn	11.30 - 11.37	Permpoon Somboonjai	
11.44 - 11.51		Dolrit Kulkrissada	11.37 - 11.44	Wantanun Lorwatthanakitchai	
11.51 - 11.58		Ville Pongsitthichai	11.44 - 11.51	Songwut Sirivitmaitree	
12.00 - 13.00	Lunch Symposium		12.00 - 13.00	Lunch Symposium	
13.00 - 14.30	Master class in Trauma surgery (Multi-subspecialty, AOA & French speaker)3 Cases (30 min/ 1 case)		13.00 - 14.30	Master class 2023: Spine surgery	
	Case 1: A 74-year-old female is not able to walk after hip fracture treatment. How can we revise it?	Presenter Noratep Kulachote		Moderators Wicharn Yingsakmongkol Torpong Bunmaprasert	
		Panelists Vajara Phiphobmongkol Michael Schuetz Viroj Larbpaiboonpong Srihatach Ngarmukos	Case: spine trauma; osteoporotic compression fracture	Presenter Urawit Piyapromdee	
	Case 2: Mutilating injuries of the tibia: To salvage or amputate?	Presenter Surasak Jitprapaikulsaarn	Case: spine tumor; Fusion in spinal metastatic spine	Panelists Tayard Buranakarl Rattalerk Arunakul Roongrath Chitragran	
		Panelists Apipop Kritsaneephaiboon Navapong Anantavorasakul Wanjak Pongsamakthai		Presenter Siriavich Suvithayasiri	
	Case 3: Infected nonunion: the nightmare for the surgeon	Presenter Direk Tantigate	Case: spine pediatric; Scoliosis	Panelists Panya Luksanapruksa Chaiwat Piyaskulkaew Permsak Paholpark	
		Panelists Chris Morrey Theerachai Apivatthakakul Suthorn Bavonratanavech		Presenter Pawin Gajaseni	
14.30 - 15.00	Coffee break		14.30 - 15.00	Coffee break	
15.00 - 16.30	Opening ceremony		15.00 - 16.30	Opening ceremony	
18.30 - 21.00	Presidential dinner		18.30 - 21.00	Presidential dinner	
				Panelists Athikom Methathien Pittavat Leelapattana Weera Chaiyamongkol	

October 20, 2023(Day 1)											
Time	Room E		Time	Room F	Time	Pataya 3					
08.30 - 10.00	Pediatric Lengthening and correction of complex limb deformities and deficiencies Deformity after physeal arrest Deformity correction in upper extremities Free paper 18 : Femoral antetorsion after supracondylar derotation osteotomy (SCD) in ambulatory cerebral palsy Free paper 19 : Outcome predictors for nonunion of the lateral humeral condyle fracture in children: A multicenter retrospective study Free paper 20 : The effect of traditional Thai massage VS routine physical therapy on gait pattern in spastic cerebral palsy	Moderators Chatupon Chotigavanich Supphamard Lewsirirat Nath Adulkasem Munjed Al Muderis Kitiwan Vipulakorn Pawaris Sungkhun Moderators Boonsin Tangtrakulwanich Nath Adulkasem Asarn Wongjarupong Nath Adulkasem Peerapat Lertwiram	08.30 - 10.00	Free paper	08.30 - 10.00						
10.00 - 10.30			Coffee break	10.00 - 10.30	Coffee break	10.00 - 10.30	Coffee break				
10.30 - 12.00			Tumor Updates in orthopedic oncology Computer-assisted navigation in MSK tumor Artificial Intelligence in Orthopaedic Oncology 3D-printed customized endoprostheses for the hand and foot tumors Questions and answers Free paper 21 : Predictive factors related to infected endoprosthesis reconstruction in bone and soft tissue tumor in Lerdsin hospital Free paper 22 : Can Navigation-Assisted pelvic or sacral tumor resection improve surgical margin of patients? Free paper 23 : A radiomics machine learning approach with MRI can differentiate Schwannoma and malignant peripheral nerve sheath tumor Free paper 24 : Cost-utility of various biologic versus endoprosthetic reconstruction for primary bone sarcoma of the humerus	Moderators Rapin Phimolsarnti Kris Charoenlap Richard Carey Smith Piya Kiatisevi Prakrit Suwanpramote Chandhanarat Chandhanayingyong Juthamat Vichuladda Nuttapong Pienthai Koonlawat Pimolnatgetsara Sittichoke Watcharamasbonkkot	10.30 - 12.00	Free paper	10.30 - 12.00				
12.00 - 13.00					Lunch Symposium	12.00 - 13.00	Lunch Symposium	12.00 - 13.00	Pataya 3		
13.00 - 14.30					Current update in Osteoporosis management Free papers 25 : Development of clinical prediction rules for predicting patients' ability to return to pre-fracture activities of daily living status at one year following fragility hip fracture Free papers 26 : The association between aLMI and grip strength in post-menopausal osteoporosis patient with and without osteoporosis fracture Free papers 27 : Prognostic factors for functional recovery at one year following fragility hip fracture Interesting topics from guest speaker Guidelines, benchmarks and registries: Improving the care of people with hip fractures Cemented vs cementless arthroplasty for hip fractures: Benefits and risks Current update in osteoporosis APCO: Asia-Pacific clinical standard assessment and management in osteoporosis (10 minutes) Updated knowledge from ESCEO 2023 Update knowledge from FFN Global 2023	Moderators Wiwat Wajanavisit Peerachai Dumrongwanich Nitchanant Kitcharanant Luecharat Lertliewtrakool Nitchanant Kitcharanant Moderators Sattaya Rojanasthien Vajarin Piphobmongkol Ian Harris Ian Harris Moderators Pongsak Yuktanandana Thanut Valleenukul Tanawat Amphansap Ong-Art Phruetthiphat Poichong Chotiyarnwong	13.00 - 14.30	Free paper			
14.30 - 15.00							Coffee break	14.30 - 15.00	Coffee break	14.30 - 15.00	Coffee break
15.00 - 16.30							Opening ceremony	15.00 - 16.30	Opening ceremony	15.00 - 16.30	
18.30 - 21.00	Presidential dinner	18.30 - 21.00					Presidential dinner	18.30 - 21.00			

October 21, 2023(Day 2)					
Time	Room A		Time	Room B	Moderators
08.30 - 10.00	Master class 2023: Lower extremity 1. A 67 YO female with basicervical neck fracture: fix it or replace it? I did it my way 2. A 52 YO male with medial side knee pain, UKA VS HTO or meniscal root repair? 3. Rotational ankle fracture: Is it just one type of ankle fracture? Can bony fixation alone equal to bony fixation with ligaments repair?	Moderators Paphon Sa-ngasoongsong Panelists Sittiporn Orapin Thanainit Chotanaphuti Charlee Sumettavanich Banchong Mahaisavariya Chris Morrey Moderators Srihatach Ngarmukos Panelists Boonchana Pongcharoen Wachiraphan Parinyakhup Wichan Kanchanatawan Aree Tanavalee Moderators Chamnanni Rungprai Panelists Yanin Plumarom Chittawee Jiamton Marut Arunakul Tanawat Vaseenon	08.30 - 10.00	AOA-RCOST resident review course 1 Topic: Musculoskeletal tumor Desmoid Fibromatosis: The war that cannot win by knights, but wizards may. Current Concepts in Chondrosarcoma Approach to multiple Bone Metastasis – hunting the source! 3D Printing and Innovations in Orthopaedic Tumor Surgery Case Discussions (Hendry,Rapin) Case 1: Henry Soeharno Case 2: Henry Soeharno Case 3: Rapin Phimolsarnti	Course chairman Thipachart Punyaratabandhu/Henry Soeharno Moderators Henry Soeharno Rapin Phimolsarnti Henry Soeharno Chindanai Hongsaprabhas Henry Soeharno Panelists 1. Singapore resident team
			08.30-08.45		
			08.45-09.00		
10.00 - 10.30	Coffee break		10.00 - 10.30	Coffee break	
10.30 - 12.00	Master class 2023: Upper extremity 1. 55 YO male with Head split proximal humeral facture-dislocation. Doc, I need only single procedure! 2. The distal clavicle fracture : Variety approach from different society 3. 45 YO with lateral elbow pain; my special attack and secret weapon!	Moderators Theerachai Apivatthakakul Panelists Vajara Phiphobmongkol Gregory Bain Bancha chernchujit Rahat Jarayabhand Mark Ross Moderators Ekavit Keyurapan Panelists Sutee Thaveepunsan Chanakarn Phornphutkul Chittawee Jiamton Thongchai Laohathaimongkol Moderators Tulyapruerk Tawonsawatruk Panelists Woraphon Jaroenporn Cholawish Chanlalit Preecha Chalidapong Navapong Anantavorasakul	10.30 - 12.00	AOA - RCOST Resident review course 2 Topic: Spine Degenerative Spine Disorders: Practice Essentials and Current Treatment Approach Spine Trauma Classification System: Review of The Evolution and New Guidelines Overview of Spinal Infections: Clinical Presentations, Guideline, and Current Management Current Concepts in Diagnosis and Management of Adolescent Idiopathic Scoliosis Case Discussions Case 1: Spine infection/ Andhika Yudistira Case 2: Spine trauma/ Yudha Matan Sakti Case 3: Degenerative spine/ Marcus Ling or Phedy	Course chairman: Andhika Yudistira Moderators Andhika Yudistira Yudha Matan Sakti Marcus Ling Phat Amnajtrakul Komang Agung Phedy Panelists 1. Indonesia resident Team 2. Chulalongkorn hospital resident team 3. Police resident team
			10.30-10.45		
			10.45-11.00		
12.00 - 13.00	Lunch Symposium		12.00 - 13.00	Lunch Symposium	
13.00 - 14.30	RCOST business meeting		13.00 - 14.30	RCOST business meeting	
14.30 - 15.00	Coffee break		14.30 - 15.00	Coffee break	
15.00 - 16.30	Resident paper contest The Comparison of Pain Reduction Between Multi-Session Extracorporeal Shock Wave Therapy (ESWT) Combined with Splinting vs. Splinting Alone in Trigger Finger Patients: A Randomized Controlled Trial Efficacy of Mecobalamin on prevention complex regional pain syndrome type I in foot and ankle surgery: A prospective randomized controlled study The validity of GeneXpert MTB/RIF assay in diagnosis of spinal Tuberculosis A Diagnostic validation study The effectiveness of Genicular nerve infiltration versus peri-articular injection in total knee replacement, randomized control trial Efficacy of peri-articular tranexamic acid administration for hemiarthroplasty in elderly with fractured neck of femur: a randomized controlled trial A comparison of clinical outcome among undenatured collagen type II, glucosamine sulfate and diacerein on osteoarthritic knee treatment:A double-blinded randomized controlled trial Comparison of the efficacy between longitudinal and transverse open skin incision in De Quervain’s tenosynovitis: A randomized controlled trial. Deep Learning For Osteoporosis Screening Using An Anteroposterior Hip Radiograph Image: A Diagnostic Tool Comparative hip functional outcome after surgery between isolated hip fracture and hip fracture with osteoporotic vertebral compression fracture in fracture liaison service (FLS)	Moderators Weerachai Kosuwon Patarawan Woratanarat Khunawuth Ngamsuprom Chakkris Leesakul Karnsinee Tawisakulrat Apisit Aoimoon Athip Kongklam Kit Awirotananon Nipat Panichnantho Prarinthorn Piyaprapaphan Wasin Kanokwongnuwat	15.00 - 16.30	AOA - RCOST Resident review course 3 Topic: Musculoskeletal trauma 5 step to simplify the fracture dislocation in elbow Elbow terrible triad injury Current update in Intertrochanteric fracture treatment The hyperextension tibial plateau fracture pattern: Diagnosis and treatment strategies Case Discussions Case 1:Emmanuel Angelo S. Nerit Case 2: Nats Orillaza Case 3: Sutiwat Luangsod	Course chairman/ Jason Santiago Moderators Emmanuel Angelo S. Nerit Nats Orillaza Navapong Anantavorasakul Nats Orillaza Chantas Mahaisavariya Sutiwat Luangsod Panelists 1. Philippines resident Team 2. Chiang Mai university resident team 3. Bhumibol hospital resident team 4. Vajira resident team
			15.00 - 15.10		
			15.10 - 15.20		
			15.20 - 15.30		
			15.30 - 15.40		
			15.40 - 15.50		
			15.50 - 16.00		
			16.00 - 16.10		
			16.10 - 16.20		
			16.20 - 16.30		
18.30 - 21.00	Alumni		18.30 - 21.00	Alumni	

October 21, 2023(Day 2)					
Time	Room C		Time	Room D	
08.30 - 10.00	Hip&knee Get higher standard in primary hip & knee arthroplasty		08.30 - 10.00	Sports medicine Symposium : Lateral Epicondylitis	
		Moderators Thanainit Chotanaphuti Apisit Patamarat		Moderators Sutee Thaveepunsan Trakul Polklaew	
08.30 - 08.38	Update in Osteonecrosis of the Femoral Head		08.30 - 08.42	Evidence base of non-operative treatment for Lateral epicondylitis	
08.38 - 08.46	Fixation or arthroplasty in intertrochanteric fracture		08.42 - 08.54	Arthroscopic treatment for lateral epicondylitis	
08.46 - 08.54	How to get well cup fixation in post traumatic OA hip		08.54 - 09.06	Open surgery for tennis elbow: Is it still a good option?	
08.54 - 09.02	Functional component position in robotic hip replacement		09.06 - 09.18	Would lateral elbow pain is always lateral epicondylitis?	
09.02 - 09.10	Pain after discharge in arthroplasty		09.18 - 09.30	Questions and answers	
09.10 - 09.15	Questions and answers				
09.15 - 09.23	Cross limit of intraarticular corrcction for extraarticular deformity		09.30 - 09.37	Free paper 29 : Functional outcome comparison following arthroscopic biceps soft tissue tenodesis with pectoralis major attachment and biceps tenotomy: a randomized controlled trial study	
09.23 - 09.31	Unload MCL in alignment axis				Pawaris Mahissarakul
09.31 - 09.39	Robotic TKA, Is it a game changer?		09.37 - 09.44	Free paper 30 : Comparison of bone union on computed tomography after open-wedge high tibial osteotomy with Beta-Tricalcium phosphate bone chips versus without any gap filling : a prospective, randomized control Trials	
09.39 - 09.47	Is it the time for cementless TKA?				Virakorn Lertpanasan
09.47 - 09.55	How to get high performance UKA		09.44 - 09.51	Free paper 31 : Is axillary view necessary for detecting screw penetration in proximal humeral internal locking system (PHILOS) plate of proximal humerus fracture? A Cadaveric study (No.74)	
09.55 - 10.00	Questions and answers		09.51 - 09.58	Free paper 32 : Comparison of ultimate failure load and tendon elongation in four different locations for biceps tenodesis (No.105)	
10.00 - 10.30	Coffee break		10.00 - 10.30	Coffee break	
10.30 - 12.00	Hip&knee		10.30 - 12.00	Sports Medicine Is hip arthroscopy a temporary trend or here to stay?	
		Moderators Aree Tanavalee Satit Thiengwittayaporn		Moderators Kitiphong Kongrukgreatiyos Thaworn Sisayanarane	
10.30 - 10.38	Direct Anterior Approach Total Hip Arthroplasty with Mako Robotic Assistance		10.30 - 10.42	Arthroscopy in the young adult hip disease	
10.38 - 10.46	Getting leg length and offset correct more regularly		10.42 - 10.54	FAI syndrome in the athlete	
10.46 - 10.54	Dual-mobility, the first choice agianst dislocation		11.54 - 11.09	How I prefer my labral repair in 2023	
10.54 - 11.02	How to make a perfect cemented femoral stem?		11.09 - 11.24	Arthroscopic and Endoscopic Management of the Internal Snapping Hip Syndrome	
11.02 - 11.10	Cementless femoral stem, old VS. new design		11.24 - 11.30	Questions and answers	
11.10 - 11.15	Questions and answers				
11.15 - 11.23	Why wait for bilateral TKA?		11.30 - 11.37	Free paper 33 : The effect of applied valgus force and knee flexion angle on adequate arthroscopic posteromedial visualization of the knee in patients undergoing arthroscopic ACL reconstruction	
11.23 - 11.31	Use of medial constraint vs CR poly when and why				Warintorn Palanuphap
11.31 - 11.39	10 years of Kinematic Alignment. How to stay out of trouble.		11.37 - 11.44	Free paper 34 : Short term outcomes of augmented primary cuff repair in a large and massive rotator cuff tear series	
11.39 - 11.47	Tips and Pitfalls in Imageless Robotic-assisted TKA				Seng Juong Wong
11.47 - 11.55	Digital patient engagement platforms and rapid recovery total knee arthroplasty		11.44 - 11.51	Free paper 35 : Unicortical button fixation provide higher strength compared with transosseous repair for subscapularis tendon in total shoulder arthroplasty	
11.55 - 12.00	Questions and answers		11.51 - 11.58	Free paper 36 : PRP injections versus hyalunic acid in osteoarthritis athletes: a systematic review	
12.00 - 13.00	Lunch Symposium		12.00 - 13.00	Lunch Symposium	
13.00 - 14.30	RCOST business meeting		13.00 - 14.30	RCOST business meeting	
14.30 - 15.00	Coffee break		14.30 - 15.00	Coffee break	
15.00 - 16.30	New solution in Orthopaedics practice		15.00 - 16.30	Free paper	
		Moderators Apipop Kritsaneephaiboon Chandhanarat Chandhanayingyong			
15.00 - 15.15	Current solution in Gustilo IIIB open fractures: what I do differently				
15.15 - 15.30	Updates in molecular therapy in musculoskeletal tumor				
15.30 - 15.45	Next move in Orthogeriatric and metabolic bone disease in Thailand				
15.45 - 16.00	How to deal with the deformities resulting from multiple surgeries?				
16.00 - 16.15	Endoscopic in spine surgery: A new solution				
16.15-16.30	Questions & answers				
18.30 - 21.00	Alumni		18.30 - 21.00	Alumni	

October 21, 2023(Day 2)					
Time	Room E		Time	Room F	
08.30 - 10.00	Hand Update in Common Problems in Hand Surgery for Orthopedic Surgeon		08.30 - 10.00	Regional meeting (TH) Learning experience from Disease Specific Certification (DSC)	
08.30 - 08.42	Osteoligamentous principles of distal radius fractures		08.30 - 08.40	Spine	
08.42 - 08.54	Tips and tricks in management of the metacarpal and phalangeal fractures		08.40 - 08.50	OA KNEE	
08.54 - 09.06	Update and innovation in treatment of the 1st CMC arthritis		08.50 - 09.00	ACLR	
09.06 - 09.18	Evidence based practice in carpal tunnel		09.00 - 09.10	Hip fast tract	
09.18 - 09.30	Evidence based practice in treatments of entrapment tendinopathy of the hand and wrist		09.10 - 10.00	Case Discussions	
09.30 - 09.37	Free paper 37 : An Effect of local infiltration and oral non-steroidal anti-inflammatory drugs (NSAIDs) in post-operative pain after trigger finger surgery, a randomized-controlled trial study (No.35)				
09.37 - 09.44	Free paper 38 : Biomechanical comparison K-wire fixation configuration for management of proximal phalanx fracture by syringe external fixators				
09.44 - 09.52	Free paper 39 : Clinical results of MIPO versus conventional approach in volar locking plate for fractures of distal end radius under WALANT				
10.00 - 10.30	Coffee break		10.00 - 10.30	Coffee break	
10.30 - 12.00	Foot & Ankle		10.30 - 12.00	Regional meeting (TH) One day surgery and Minimal invasive surgery in Orthopaedic : experience sharing	
10.30 - 10.50	High risk Diabetic feet: - Our experience in Far North Queensland		10.30 - 10.40	Siriraj Hospital	
10.50 - 11.10	Ankle injury in female athletes: Women are not small men!		10.40 - 10.50	National Health Security Office	
11.10 - 11.30	My current treatment in flatfoot reconstruction surgery		10.50 - 11.00	ODS and MIS in Service plan	
11.30 - 11.37	Free paper 41 : Effect of Mecobalamin on functional outcome of the complex regional pain syndrome type 1 of foot and ankle		11.00 - 11.10	Regional Hospital	
11.37 - 11.44	Free paper 42 : Revitalizing Achilles tendinopathy with Haglund's deformity: Empowering healing through advanced split detachment and knotless suture techniques		11.10 - 12.00	Case Discussions	
11.44 - 11.51	Free paper 43 : The Effectiveness of heath campaign to choose the proper footwear to ride motorcycle				
11.51 - 11.58	Free paper 44 : Conservative versus surgical treatment for displaced, distal diaphyseal-metaphyseal fifth metatarsal fractures: A prospective, randomized study				
12.00 - 13.00	Lunch Symposium		12.00 - 13.00	Lunch Symposium	
13.00 - 14.30	RCOST business meeting		13.00 - 14.30	RCOST business meeting	
14.30 - 15.00	Coffee break		14.30 - 15.00	Coffee break	
15.00 - 16.30	Thai Orthopaedic nurse society Above the horizon & beyond the limits: Holistic Approach to Spine Care:		15.00 - 16.30	Regional meeting (TH)	
15.00-15.45	Nursing Care for pre-post operative patients with spinal cord injury		15.00-15.06	Clinical prediction model for red cell blood transfusion in Elective primary posterior lumbar spine fusion	
15.45 -16.30	Enhanced Recovery After Surgery (ERAS) protocol spine surgery		15.06-15.12	Intermittent pneumatic compression prophylaxis of venous thromboembolism in hip and knee surgery	
			15.12-15.18	Re-displacement and associated factors of fracture distal end radius in Phayakkaphumpisai Hospital	
			15.18-15.24	Comparison between Hip Internal Rotation Assistive Device and Conventional Radiograph Positioning: An Experimental Study	
			15.24-15.30	Paracetamol versus paracetamol/tramadol in postoperative intertrochanteric fracture: A noninferiority, randomized, controlled, double-blind study	
			15.30-15.36	The results of using Denosumab in patients with osteoporosis at Samut Sakhon Hospital over a period of 2 years	
			15.36-15.42	The use of Samutprakarn Abduction Sling in Rotator Cuff Repair: A Preliminary study	
			15.42-15.48	Clinical Application of Transposition flap for foot reconstruction	
			15.48-15.54	Predictive factors of walking disability at 6 weeks after operation in Geriatric hip fracture	
			15.54-16.00	A Nationwide Comparative Study for Mortality Rates Among Older Patients with Three Subtypes of Hip Fractures Undergoing Surgical versus Conservative Treatment in Thailand	
			16.00-16.06	Towards a value-driven care model in middle income country: an experience from geriatric hip fracture care in Phrae, Thailand	
			16.06-16.12	Individualized alignment in total knee arthroplasty using image-based by RAPTOR and Visio programme assistance	
			16.12-16.18	Retrospective Cohort Study Comparing Postoperative Joint Stability Between All-inside PCL Reconstruction Technique and Conventional PCL Reconstruction Technique in Patients with Posterior Cruciate Ligament Injury	
18.30 - 21.00	Alumni		18.30 - 21.00	Alumni	

Time	Room A	Time	Room B
08.30 - 10.00	Specialty Day: Trauma How do I deal with a complex fracture? (7min present/3 min comment)	08.30 - 10.00	Specialty Day:Spine
08.30-08.37	Fracture-dislocation of the shoulder	08.30 - 08.40	Robotic in spine surgery: What it is and how it works?
08.37-08.40	Wrap-up	08.40 - 08.50	Robotic-assisted scoliosis surgery
08.40-08.47	Fracture scapular	08.50 -09.00	Robotic in spine surgery- are they delivering on their promise?
08.47-08.50	Wrap-up	09.00 - 09.10	300+case experience in robotic spine surgery- tips, tricks & pitfall avoidance
08.50-08.57	Medial clavicular fracture	09.10 - 09.20	Artificial Intelligence and Computer Vision: The Future of Spine Surgery
08.57-09.00	Wrap-up	09.20 - 09.30	Evidence base in robotic surgery
09.00-09.07	Complex distal humeral fracture	09.30-10.00	Case discussion: Worawat (Chula)
09.07-09.10	Wrap-up	09.30-09.40	Preferred approach for adult spinal deformity : MIS-TLIF
09.10-09.17	Fracture-dislocation of the hip	09.40-09.50	Preferred approach for adult spinal deformity : Lateral or ALIF
09.17-09.20	Wrap-up	09.50-10.00	Preferred approach for adult spinal deformity : Open
09.20-09.27	Complex distal femoral fracture		
09.27-09.30	Wrap-up		
09.30-09.37	Complex tibial plateau fracture		
09.37-09.40	Wrap-up		
09.40-09.47	Complex pilon fracture		
09.47-09.50	Wrap-up		
09.50-10.00	Questions and answers		
10.00-10.30	Coffee break	10.00-10.30	Coffee break
	How to solve my mistake? What will I do differently next time?	10.30 - 12.00	Specialty Day:Spine
10.30 - 10.45	Fixation failure in distal femoral fracture	10.30-10.40	Lumbar foraminal stenosis: diagnosis and endoscopic management
10.45 - 11.00	Soft tissue injury in pilon fracture	10.40-10.50	Considerations in Endoscopic spine surgery
11.00 - 11.45	Failure of segmental femoral fracture fixation	10.50-11.00	Biportal endoscopic TLIF in High grade Spondylolisthesis
11.15 - 12.00	Amazing case I did last year!	11.00-11.10	Role of full endoscopic decompression in degenerative cervical spine problems
11.15 - 11.30	Neglected fracture-dislocation of the tibial plateau	11.10-11.20	Surgical technique of double Herbert's screw fixation and endoscopic assisted for anterior Odontoid fracture fixation
11.30 - 11.00	Recalcitrant femoral non-union	11.20-11.30	Unilateral biportal endoscopic decompression in cervical spine
11.00 - 11.45	Neglected hip dislocation	11.30-12.00	Case discussion
12.00 - 13.00	Lunch Symposium	12.00 - 13.00	Lunch Symposium
13.00 - 14.30	Specialty Day:Hip knee Free paper presentation present 5 min Q&A 2 min	13.00 - 14.30	Specialty Day:Sports Medicine Knee: Decision Making for Revision ACLR
13.00 - 13.07	Free paper 45 : Agreement of radiographic parameters for diagnosis of mild to moderate developmental dysplasia of hip in adult	13.00-13.15	Graft choices selection for revision ACLR
13.07 - 13.14	Free paper 45 :Multimodal analgesia study of nefopam with gabapentin compared to morphine in postoperative unilateral total knee arthroplasty : A double blind, randomized clinical trial	13.15-13.30	How to deal with extension deficiency in revision ACLR
13.14 - 13.21	Free paper 47 : Comparative effectiveness of peri-articular injection and single shot intraarticular injection in total knee replacement	13.30-13.45	Posterior tibial slope correction and revision ACLR
13.21 - 13.28	Free paper 48 : Comparison of clinical outcomes between patients with and without tibia vara who underwent mobile-bearing UKA	13.45-14.00	Role of Lateral Extra-articular Tenodesis in revision ACLR: indication, technique and outcomes
13.28 - 13.35	Free paper 47 :Comparison of Postoperative Pain Between Intraosseous Multimodal Injection and Periarticular Multimodal Injection in Simultaneous Bilateral Total Knee Arthroplasty - A Randomized Controlled Trial	14.00-14.15	Tunnel Management in Revision ACLR
13.35 - 13.42	Free paper 50 : 3D printed patient specific instrument for kinematic alignment total knee replacement	14.15-14.30	Questions and answers
13.45 - 14.30	Case discussion		
13.45 - 14.00	case1 difficult/interesting primary knee		
14.00 - 14.15	case2 difficult/interesting primary hip		
14.15 - 14.30	case3 difficult/interesting primary knee		
14.30 - 15.00	Coffee break	14.30 - 15.00	Coffee break
15.00 - 16.30	Specialty Day:Hip knee How to do when we struggle in arthroplasty	15.00 - 16.30	Specialty Day:Sports Medicine Shoulder: Essential in arthroscopic shoulder surgery
15.00 - 15.10	3D-printed augment: /thesolution for severe acetabular bone loss	13.00 -13.15	Mind the 3P's for a successful Shoulder Arthroscopy - positioning, portals and (standard) procedures
15.10 - 15.20	How to get excellent result of two-stage revision TKA	13.15-13.30	The relationship between cerebral perfusion and mean arterial pressure in beach chair position
15.20 - 15.30	Periprosthetic knee when to medial plate, one plate or two plates in periprosthetic supracondylar fracture	15.30-15.45	Hemostasis in shoulder arthroscopy: Strategies for smooth surgery
15.30 - 15.40	Update in periprosthetic fracture management hip	15.45-16.00	Managing Adverse Events in Arthroscopic Shoulder Surgery: Best Practices and Lessons Learned
15.40 - 15.50	Deal with femoral bone defect Paprosky 3A and 3B	16.00 - 16.15	Correlation of Magnetic resonance and arthroscopy in diagnosis of shoulder injury
15.50-16.30	Case discussion	16.15 - 16.30	Questions and answers
15.50 - 16.10	Case1 complication/revision hip		
16.10 - 16.30	Case2 complication/revision knee		

October 22, 2023 (Day 3)							
Time	Room C		Time	Room D			
08.30 - 10.00	Specialty Day:Hand Update in Management of the Common Wrist Problems		08.30 - 10.00	Specialty Day: Pediatric Interesting cases discussion			
08.30 - 08.45	Scaphoid fractures	Moderators Jirachart Kraissarin Nattakul Yamprasert Avanthi Mandaleson Gregory I Bain Woraphon Jaroenporn Chinnakart Boonyasirikool Tulyapruerk Tawonsawatruk	08.30 - 09.00	Cases from Australia	Moderators Noppachart Limpaphayom Jidapa Wongcharoenwatana Munjed Al Muderis Nisalak Upho Songkiat Thanacharoenpanich Panelists Pariyut Chiarapattanakom Thanase Ariyawatkul Munjed Al Muderis		
08.45 - 09.00	Scapholunate instability		09.00 - 09.20	Cases discussion I (deformities with multiple co-problems)			
09.00 - 09.15	TFCC injury		09.20 - 09.40	Case discussion II (deformities with multidirectional deformities)			
09.15 - 09.30	DRUJ instability		09.40 - 10.00	Questions and answers			
09.30 - 09.45	Ulnar Impaction Syndrome						
09.45 - 10.00	Questions and answes						
10.00-10.30	Coffee break		10.00-10.30	Coffee break			
10.30 - 12.00	Specialty Day:Hand How to optimize outcomes of the fixation/ implantation around the elbow		10.30 - 12.00	Specialty Day:Pediatric			
10.30 - 10.45	A patho-anatomical approach of the elbow instability	Moderators Samuch Tungshusakul Pobe Luangjarmekorn Gregory I Bain Surasak Jitprapaikulsarn Suriya Luenam Navapong Anantavorasakul Sutee Thaveepunsan	10.30 - 10.50	Cases from QSNICH	Moderators Munjed Al Muderis Kitiwan Vipulakorn Asarn Wongjarupong Duangjal Leeprakobboon Phasuth Chutarattanakul Jirawat Saengsin Prangthong Unprasert Panelist: Chatupon Chotigavanich Perajit Eamsobhana Verasak Thamkunanon		
10.45 - 11.00	Internal fixation of the distal humerus		10.50 - 11.10	Deformities interesting cases II (Northeast)			
11.00 - 11.15	Internal fixation of the proximal ulnar (including coronoid)		11.10 - 11.30	Deformities interesting cases III (North)			
11.15 - 11.30	Radial head fixation and arthroplasty		11.30 - 11.50	Deformities interesting cases IV (Western)			
11.30 - 11.45	Total elbow arthroplasty		11.50 - 12.00	Questions and answers			
11.45 - 12.00	Questions and answes						
12.00 - 13.00	Lunch Symposium		12.00 - 13.00	Lunch Symposium			
13.00 - 14.30	Specialty Day:Foot Ankle		13.00 - 14.30	Specialty Day:Tumor Computer-assisted navigation in orthopedic oncology			
13.00 - 13.20	Primary Subtalar fusion in calcaneal fracture: A stepwise approach to management	Moderators Chamnanni Rungprai Pat Chulasiri Arvind Puri Tanawat Vaseenon Tinnart Sittapairo	13.00 - 13.45	The use of computer-assisted navigation in orthopedic oncology	Moderators Piya Kiatisevi Banjobe Ariyaboonsiri Richard Carey Smith Chibdanai Hongsaprabhas Bhasanan Sukanthanak Sutipat Pairojboriboon Rapin Phimolsarnti		
13.20 - 13.40	Lateral ankle instability: My new solution to take care it		13.45 - 13.55	Experience from Chulalongkorn			
13.40 -14.00	Peroneal tendon pathology: My secret for repair them		13.55 - 14.05	Experience from Lerdsin			
14.00 - 14.30	Questions and answers		14.05 - 14.15	Experience from PMK			
14.30 - 15.00	Coffee break		14.15 - 14.25	Experience from Siriraj			
15.00 - 16.30	Specialty Day:Foot Ankle		15.00 - 16.30	Specialty Day:Tumor Treatment of infected complications in orthopedic oncology			
15.00 - 15.20	My ankle arthroplasty journey	Moderators Chatchavan Charoenthamruksa Yantarat Sripanich Amy Touzell Chamnanni Rungprai Thos Harnroongroj	15.00 - 15.45	Reducing infected complications in orthopedic oncology	Moderators Taweetchok Wisanuyotin Chindanai Hongsaprabhas Richard Carey Smith Prakrit Suwanpramote Permsak Paholpark Yodsawee Pornmeechai Pichaya Thanindratan		
15.20 - 15.40	My current solution for syndesmotic injury		15.45 - 15.55	Experience from Rama			
15.40 - 16.00	Acute Achilles tendon rupture: Sharing my experience and update new solution for repair		15.55 - 16.05	Experience from Khonkaen			
16.00 - 16.30	Questions and answers		16.05 - 16.15	Experience from Sriracha			
			16.15 - 16.25	Experience from Chulabhorn institute			
		16.25 - 16.30	Questions and answers				

Time	Room E		Time	Room F
08.30 - 10.00	Specialty Day:Basic sciences and research		08.30 - 10.00	
08.30-09.00		Moderators Boonsin Tangtrakulwanich Adinun Apivatgaroon		
08.30 - 08.37	Free paper 51 : Outcomes of hip fracture treatment with intravenous morphine and with non-intravenous morphine in postoperative analgesic medical expense, severity of pain and hospitalisation: A retrospective study (No.83)	Rapeepat Srichan		
08.37 - 08.44	Free paper 52 : Novel CSF1R-positive tenosynovial giant cell tumor cell lines and their pexidartinib (PLX3397) and sotuletinib (BLZ945)-induced apoptoses	Chandhanarat Chandhanayingyong		
08.44 - 08.51	Free paper 53 : Hydrogel Delivery of DNase I and Liposomal-Vancomycin to Eradicate Fracture-related Methicillin-resistant Staphylococcus aureus Infection and Support Osteoporotic Fracture Healing	Ronald M.Y. Wong		
08.51 - 08.58	Free paper 54:			
09.00 - 09.30	Short Communicate Poster Presentation			
09.00 - 09.03	Comparative postoperative pain control effect of dexamethasone use between preemptive and intraoperative: Randomized, Placebo-Controlled Trial	Kritsanat Lertussavavivat		
09.03 - 09.06	Comparing Ultrasound-Guided and Blinded Intra-Articular Lidocaine Injection for Pain Control in Anterior Shoulder Dislocation Reduction: A Randomized Controlled Trial	Sirasit Innarkgool		
09.06 - 09.09	Efficacy of postoperative pain control between transarticular VS periarticular multimodal drug infiltration in total hip arthroplasty : double blinded randomized control trial	Peerapon Nantapong		
09.09 - 09.12	Peri-articular with peri-Hamstring injection for pain control after Anterior Cruciate Ligament reconstruction: Bupivacaine/Ketorolac/Adrenaline, A randomized controlled trial, double-blinded study	Phanusorn Chanchaenchai		
09.12 - 09.15	Diagnostic Test Of Traumatic Arthrotomy Of The Knee By Arthrography Technique	Sutthisak Chatthammarak		
09.15 - 09.18	Predictive factors of failed conservative treatment in pediatric diaphyseal forearm fractures	Meepoom Charoenpornwattana		
09.18 - 09.21	Randomized controlled trial compares clinical outcome between Negative pressure wound therapy(NPWT) with CBH-KMITL Ambulatory Negative Pressuring Device (CKANPD) and conventional device in Open traumatic wound	Chayut Krualamai		
09.21 - 09.24	Direct Anterior approach versus Anterolateral Approach in Bipolar Hemiarthroplasty after Femoral Neck Fracture: A Randomized Controlled Trial	Supakit Asawasudsakorn		
09.24 - 09.27	Functional outcome comparison following arthroscopic biceps soft tissue tenodesis with pectoralis major attachment and biceps tenotomy: a randomized controlled trial study	Pawaris Mahissarakul		
09.27 - 09.30	Effectiveness of telerehabilitation in the postoperative osteoporotic hip fracture: A Randomized controlled trial	Rawicha Thongkaew		
09.30 - 09.40	Question & Answer			
09.40 - 10.00	Application of Artificial Intelligence (AI) in fracture around the wrist	Chanchai Limthongcharoen		
10.00-10.30	Coffee break		10.00-10.30	Coffee break
10.30 - 12.00	Specialty Day: Basic science and research		10.30 - 12.00	
		Moderators Tulyapruet Tawonsawatruk Paween Tangchitphisut		
10.30 - 11.00	Current concepts in the management of large bone defects: perspective on basic science	Michel Scheutz		
11.00 - 11.30	The ingredients to improve orthopaedic clinical care through translational research in Australia	Michel Scheutz		
11.30 - 12.00	APORS-THORS symposium: Integrete Orthopaedic Basic Science and Research from Local to Global	Ismail Hadisoebroto Thipachart Punyaratabandhu Boonsin Tangtrakulwanich Patarawan Woratanarat		
12.00 - 13.00	Lunch Symposium		12.00 - 13.00	Lunch Symposium
13.00 - 14.30	Specialty Day:Metabolic Management of osteoporosis in patients before 50 years old	Moderators Thongchai Suntharapa Science Metadilogkul	13.00 - 14.30	
13.00 - 13.25	Early onset osteoporosis	Thawee Songpatanasilp		
13.25 - 13.50	Glucocorticoid induced osteoporosis in young age	Pojchong Chotiyarnwong		
13.50 - 14.15	Osteoporosis associated with cancer treatment	Teerapat Tutaworn		
14.15 - 14.30	Questions and answers			
14.30 - 15.00	Coffee break		14.30 - 15.00	Coffee break
15.00 - 16.30	Specialty Day:Metabolic	Moderators Aasis Unnanuntana Ong-Art Phruetthiphat	15.00 - 16.30	
15.00 - 15.20	Case 1 (20 minutes): Osteoporosis in men	Teerapat Tutaworn		
15.20 - 15.40	Case 2 (20 minutes): Osteoporotic vertebral compression fracture	Wiwat Wajanavisit		
15.40 - 16.00	Case 3 (20 minutes): Secondary osteoporosis	Ekasame Vanitcharoenkul		
16.00 - 16.20	Case 4 (20 minutes): Osteoporotic hip fracture in CKD	Thawee Songpatanasilp		
16.20 - 16.30	Questions and answers			