

2023 Annual meeting of CAOS – Taiwan
International congress on Computer-assisted Orthopedic surgery

Time: Nov, 25, 2023

Venue: Auditorium, Briefing Room, Kaohsiung Chang Gung Memorial Hospital, Kaohsiung, Taiwan

Agenda

Auditorium (醫學大樓6F 大禮堂)

Time	Topic	Speaker/Institute
0800~0830	Registration (6F 報到處)	司儀
0830~0835	Open ceremony	王植熙院長/高雄長庚
0835~0840	Guest address	郭耿南教授/國泰綜合醫院
0840~0845	Guest address	林啟禎董事長/成大醫學院
0845~0850	Guest address	詹益聖理事長/ 中華民國骨科醫學會
0850~0905	Welcome address and president speech	郭繼陽理事長
Section 1: Special lecture		
Moderator: 郭繼陽理事長、呂東武教授、李炫昇教授		
0905~0935	Personalized functional positioning in THA	Prof. Nobuhiko Sugano /Kawanishi City Medical Center, Japan
0935~0940	Photo	
Section 2: The Hip: from Cradle to Grave — DDH (I)		
Moderator: 施俊雄院長、古鳴洲副總裁、張至宏副院長、黃國欽部長		
0940~0955	Incidence of surgically treated DDH in Taiwan	張嘉獻主任/林口長庚
0955~1010	The Future of Orthopedic Diagnostics: Neural Network Applications in Ultrasonographic Assessment of Developmental Dysplasia of the Hip.	高軒楷醫師/林口長庚
1010~1025	MIS Periacetabular Osteotomy for Hip Preservation with ERAS Protocol	吳冠彰醫師/台大附醫
1025~1040	The Antagonism of Neuropeptide Y Type I Receptor (Y1R) Reserves the Viability of Bone Marrow Stromal Cells in the Milieu of Osteonecrosis of Femoral Head (ONFH)	郭書瑞醫師/中國附醫
1040~1045	Discussion	
1045~1055 Coffee break		

Section 3: The Hip: from Cradle to Grave — DDH (II)

Moderator：張毓翰主任、張維寧部主任、蘇宇平部主任、郭建忠主任

1055~1115	A Novel modular RAO Osteotomy for Navigation	Prof. Nobuhiko Sugano/ Kawanishi City Medical Center, Japan
1115~1130	THA in Patients with Acetabular Dysplasia	陳正豐 副教授/台北榮總
1130~1145	THA in Dysplastic Hips	胡志堅主任/林口長庚
1145~1200	Robotic assisted total hip arthroplasty in patient with DDH patients—surgical tip and pearl!	黃揆洲副院長/亞大附醫
1200~1210	Discussion	

1210~1230 會員大會

1230~1330	ROSA Workshop 蕭家傑 副院長	
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1230~1330 理監事會議

Section 4: Advances in CAOS (I)

Moderator：李光申副院長、吳明峯院長、陳昭宇主任、吳志隆主任

1330~1345	DAA for DDH surgical treatment -from PAO to THR	楊傑思主任/台北榮總
1345~1400	CAOS年會參加經驗談	顏炳郎教授/台灣大學
1400~1415	My experiences with CAOS conferences	洪碩穗主任/台北慈濟
1415~1430	Computer Assisted Training in Orthopedic Trauma (CATOT)	李佩淵院長/彰化秀傳
1430~1440	Discussion	

1440~1500 Coffee break

Section 5: Advances in CAOS (II)

Moderator：黃柏文副校長、洪士杰教授、陳祥和教授、釋高上主任

1500~1515	3D Planning and PSI for RSA Surgery – Every Case is Masterpiece	Royden Choo Kwan Tien / Zimmer Biomet
1515~1530	Application of Computer Assisted Design and Manufacturing on Artificial Joints	廖建忠副總經理/聯合骨科
1530~1645	Using 3D PSI for one stage HTO and PCL reconstruction	羅健生主任/中山附醫
15:45~1600	Implantable Sensors in Orthopaedic Surgeries	林佳緯主任/烏日林新
1600~1620	Discussion	
1620~1630	Closing Ceremony	郭繼陽理事長

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Briefing Room

(醫學大樓6F 簡報室，0830~0940 醫學大樓6F 大禮堂)

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0905~0935	Personalized Functional positioning in THA	Prof. Nobuhiko Sugano/ Kawanishi City Medical Center, Japan
0935~0940	Photo	
Section 2 : CAOS in spine surgery (I) Moderator：陳昆輝部主任、陳賢德部主任、陳健煜院長		
0950~1005	Surgical strategy for adult degenerative scoliosis	陳衍仁副院長/亞大附醫
1005~1020	題目待確認	李政鴻副院長/台中榮總
1020~1035	Adult thoracolumbar spinal deformity correction surgery assisted by O-arm navigation	胡名孝主任/台大醫院
1035~1045	Discussion	
1045~1100 Coffee break		
Section 3: CAOS in spine surgery (II) Moderator: 陳衍仁副院長、李政鴻副院長、鮑卓倫部主任		
1055~1115	題目待確認	陳昆輝部主任/台中榮總
1115~1130	Precision Strike - Navigation Assisted Endoscopic Surgery for the Infectious Spondylodiscitis	陳賢德部主任/中國附醫

1130~1145	Application of Unilateral Biportal Endoscopic Technique in Spine Surgeries	鮑卓倫部主任/亞東醫院
1145~1200	The learning curve and clinical outcomes of unilateral biportal endoscopic (UBE) spinal surgery: A comparison between novice and experienced surgeon	陳鈺泓醫師/亞東醫院
1200~1210	Discussion	
1200~1230 會員大會		
1230~1330	Lunch	
1230~1330 理監事會議		
Section 4: Advancement in computer assisted spine surgery Moderator: 賴伯亮主任、陳松雄醫師		
1330~1345	題目待確認	周伯鑫主任/台北榮總
1345~1400	Personal experience of AR navigation assisted spine instrumentation without intraoperative CT scan.	葉光庭主任/花蓮慈濟
1400~1415	Augmented Reality (AR) aids pulmonary prehabilitation and postoperative rehabilitation of patient received spinal surgeries	姚又誠醫師/台北榮總
1415~1430	AI於脊椎醫學的運用	吳孟晃主任/北醫附醫
1430~1440	Discussion	
1440~1500 Coffee break		
Section 5: Advancement in computer assisted neurosurgery Moderator: 林乾閔副院長、巫瑞文部主任、饒政玄部主任		
1500~1515	各式先進脊椎手術機器手臂之分析比較：從 ROSA One手術經驗出發	劉恆維主任/雙和醫院
1515~1530	My first-step "Volume Rendering" reconstruction: Using free software and personal computer	莊銘榮醫師/高雄長庚
1530~1645	電腦輔助系統於深腦部刺激術的臨床運用	石富元醫師/高雄長庚
15:45~1600	導航機器人輔助脊椎減壓手術的臨床需求探討	王文騰技術暨營運長 /炳碩科技
1600~1620	Discussion	
1620~1630	Closing Ceremony	郭繼陽理事長