2026 Annuel meeting of CAOS – Taiwan

CAOS Computer-assisted Orthopedic Surgery Taiwan

International Congress on Computer-Assisted Orthopedic Surgery

Nov, 28, 2026 (星期六)

台中 林酒店 台灣廳 (台中市西屯區朝富路99號)

Agenda

Time	Topic	Speaker/institute
0820~0840	Registration (報到處)	
0840~0850	Open ceremony	理事長 中華民國骨科醫學會
0850~0900	Welcome address and president speech	王廷明 理事長

Section 1

Moderator 王廷明／陳賢德

Time	Topic	Speaker/Institute
0900~0915	Balancing New Technologies and PROMs in TKA:Current Realitles and the Future of CAOS	郭繼陽／高雄長庚
0915~0930	Automated Anatomic Landmark Labeling in Lower Limb Radiographs Using a ResNet-Based Fully Convolutional Transformer for Pre- and Postoperative Evaluation of TKA	黃揆洲／亞大附醫
0930~0945	How Enabling Technology Are Shaping the Future of Arthroplasty	戴大為／成大
0945~1000	Translating Academic Research into a Medical setup: My Path in Joint	張書豪／輔大
1000~1015	AI, Connectivity, and Beyond: Constructing the Virtual Hospital Ecosystem	張詩聖／中醫大
1015~1035	Discussion	
1035~1040	Group photo	
1040~1100	Coffee break	

Section 2 Spine

Moderator 吳文田／巫瑞文／陳昆輝

Time	Topic	Speaker/Institute
1100~1115	Clinical Differences and Trade-offs between Robotic-Assisted Spine Surgery and Computer-Navigated Spine Surgery	曾聖傑／中榮
1115~1130	Beyond the O-arm：Is the Leap to Robotic Spine Surgery Truly Worth It?	胡名孝／台大
1130~1145	Seeing Beyond the Scan: AI-Powered Image Recognition in Spine Diagnostics	周伯鑫／台北榮總
1145~1200	Experience Sharing on Computer-Navigated Cervical Spine Surgery	葉光庭／花蓮慈濟
1200~1215	Navigation Across the Spine: Practical Applications from Cervical Procedures to Sacropelvic Fixation	林崇凱／中醫大台中市醫
1215~1235	Discussion	
1235~1300	Lunch	

Section 3 Joint Arthroplasty

Moderator 陳正豐／曾崇育／洪誌鴻

Time	Topic	Speaker/Institute
1300~1320	From Robotic TKA to Intelligent TKA: AI, Precision, and Personalized Planning	Atul Kamath／U.S.A.
1320~1340	CORI Robotic system using restricted inverse kinematic alignment	Yeoh Kian Hua／Perak Community Specialist Hospital , Malaysia
1340~1400	Adopting Robotic-Assisted Knee Arthroplasty Early in Practice：Clinical Rationale and Outcome	Samuel Jae Yoon Won／Inha University Hospital, Korea
1400~1420	How CT Planning, Functional Alignment and Haptics Set MAKO Apart	Lincoln Liow／ Singapore General hospital,Singapore
1420~1430	From MRI Sizing to AI-guided Robotics: Is Preoperative Templating Dead—or More Important Than Ever ? More Important Than Ever ? Future of CAOS	楊正邦／林口長庚
1430~1440	AI in the diagnosis of periprosthetic joint infection : a systemic review of current evidence	郭書瑞／中醫大
1440~1505	Discussion	
1505~1530	Coffee break	

Section 4

Moderator 郭建忠／林冠宇

Time	Topic	Speaker/Institute
1530~1540	Prediction of Osteoporosis and Fracture Risk：A Deep Learning Approach for Metacarpal Radiograph Analysis	邱詠証／中醫大
1540~1550	Artificial Intelligence and the Prevention of Throwing-Related Sports Injuries in Taiwan	邱致皓／林口長庚
1550~1600	Patient-Specific Instrument in Knee Arthroscopy: Clinical Value and Limitations	羅健生／中山醫大
1600~1610	PSI-assisted Periacetabular Osteotomy	李嘉哲／台大
1610~1620	Computer-Assisted Serial Correction of Clubfoot：From 3D Surface Scanning and Virtual Planning to Patient-Specific Printed Orthoses	高軒凱／林口長庚
1620~1630	Beyond Imaging: The Role of Extended Reality in Precision Treatment of Bone and Soft Tissue Tumor	謝向傑／台大
1630~1640	Minimal Invasive Pelvic and Acetabular Surgery: From Open Repair to Smart Precision	蔡俊灝／中醫大
1640~1700	Discussion	
1700~1710	Closing Ceremony	王廷明 理事長

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柏林廳 全天工作坊議程

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Agenda

Knee and Spine Robotic Workshop

Knee Section

Moderator 曾崇育／洪誌鴻

Time	Topic	Speaker/Institute
0900~0910	From Oxford to ROSA-Assisted Persona Partial Knee: My Experience and the Value of Robotics	楊華偉／高雄七賢
0910~0920	From ROSA 1.4 to 1.5: One-Click Personalized Planning with OptimiZe	沈泰杉/彰化基督教
0920~0950	ROSA Robotic System Demonstration	楊華偉/沈泰杉
0950~1040	CORI Robotic System	Yeoh Kian Hua ／ Perak Community Specialist Hospital , Malaysia
1040~1130	CUVIS Robotic System	Samuel Jae Yoon Won ／ Inha University Hospital, Korea
1130~1220	MAKO Robotic System	Lincoln Liow ／ Singapore General hospital, Singapore
1220~1235	Lunch	
1235~1300	理監事會議 Board Meeting	

Spine Section

Moderator 胡名孝

Time	Topic	Speaker/Institute
1300~1330	Mazor X Robotic System in Spine Surgery Practical Setup and Pitfalls	劉岳青／馬偕
1330~1400	Practical Setup and Pitfalls in Spine Navigation 脊椎導航手術操作細節與常見陷阱	曾聖傑／臺中榮總
1400~1530	Hands-on Workshop	劉岳青／曾聖傑