

PROGRAM

THURSDAY, JULY 9

1:30	Registration and Meet & Greet	MAUI BALLROOM FOYER
Session 1: Advances in Degenerative Spine Surgery, with Case Presentations (CME) <i>Mods: Raymond Hah, Bryan Lee</i>		WAILUKU & KAHULUI
2:00–2:04	Welcome	Raymond Hah
2:05–2:14	Motion Preservation in the Cervical and Lumbar Spine: When to Refuse to Fuse	Kee Kim
2:15–2:24	Approaches for Thoracolumbar Pathology: Staged versus Single-Setting Surgery	Jang Yoon
2:25–2:34	How and Why I Use Navigation, Robotics, and AI-Assisted Spine Surgery	Kiran Alluri
2:35–2:44	Discussion	
2:45–2:54	Minimally Invasive Approach for Deformity Correction	Neel Anand
2:55–3:04	Revision Spine Surgery Using Novel Techniques	Daniel Kang
3:05–3:14	Impact of Biologics and Bone Health Optimization Strategies	Josh Bakhsheshian
3:15–3:29	Discussion	
Session 2: Complication Management—Do Not Do What I Did, with Case Presentations (CME) <i>Mods: Andrew Chung, Daniel Kang</i>		WAILUKU & KAHULUI
3:30–3:39	Infection After Spine Surgery: Salvage Strategies	Josha Woodward
3:40–3:49	Lessons Learned from My Implant Failure and Pseudarthrosis	Daniel Coughlin
3:50–3:59	Neurological and Vascular Complications: How to Avoid the Worst-Case Scenario	Bryan Lee
4:00–4:15	Discussion	
4:15	Refreshment Break and Meet & Greet	MAUI BALLROOM FOYER
Session 3: Abstracts (CME) <i>Mods: Daniel Coughlin, Jang Yoon</i>		WAILUKU & KAHULUI
4:45–4:49	Paper #1: Platysma Muscle Splitting Incision Enhances Early Cosmetic Outcomes Following Anterior Cervical Discectomy and Fusion: A Prospective Randomized Controlled Trial <i>Matthew Kim, MD; Tony Tannoury, MD; Rehan R. Khan, BS; Jeongeun Kim, BA; Nader El-Hajj, BA; Monica Abou-Ezzi, BS; Matheus Alves, BA; Rohith Ryali, BA; Neil V. Shah, MD, MS; Chadi Tannoury, MD</i>	
4:50–4:54	Paper #2: Virtual Reality Training Improves Freehand Pedicle Screw Placement: A High-Fidelity Validation Study in Neurosurgical Trainees <i>Steve S. Cho, MD; Camila A. Moreno-Mesa, MD; Juan P. Giraldo, MD; Chinami Michaels, Msc; Ryan B. Ehredt, Msc; Demos J. Fotias, BS; Jacksen Smith, BS; Jackson Beeching, BS; S. Harrison Farber, MD; Jakub Godzik, MD; Juan Uribe, MD</i>	

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4:55–4:59	Paper #3: Deep Learning Magnetic Resonance Imaging Algorithm for Differentiating Metastatic Vertebral Fractures <i>Joonghyun Ahn, MD; Young-Hoon Kim, MD; Sang-Il Kim, MD; Jun-Seok Lee, MD; Hyung-Youl Park, MD; Ji-Hyun Ryu, MD; Chungwon Bang, MD; Kee-Won Rhyu, MD; Jae-Hyuk Shin, MD; Youjin Shin, PhD; June Lee, BS candidate; Seung Jae Moon, BS; Jae Chul Lee, MD</i>	
5:00–5:04	Paper #4: A Novel Lateral Flow Assay for CSF Leak Detection <i>Morteza Sadeh, MD, PhD; Tatiana Abou-Mrad, MD; Sergey Neckrysh, MD</i>	
5:05–5:09	Paper #5: Global Sagittal Mismatch Drives Mechanical Failure After Adult Spinal Deformity Surgery <i>Timothy Y. Kim, MD; James D. Lin, MD; Joseph M. Lombardi, MD; Richard Menger, MD; Martin H. Pham, MD; Lee A. Tan, MD; Alexander Tuchman, MD; Scott L. Zuckerman, MD, MPH; Joseph A. Osorio, MD, PhD</i>	
5:10–5:14	Paper #6: Alignment Index: A Novel Metric Analyzing Concordance of Surgeon and Hospital Incentive <i>Benjamin Hopkins, MD, MBA; Aditya Muralidharan, MD; Rhett Butler, MD; Anadjeet Khahera, MD; Johnathan Dallas, MD; Robert Briggs, MD; Jeffrey C. Wang, MD; Raymond J. Hah, MD</i>	
5:15–5:23	Discussion	
5:24–5:28	Paper #7: Trends in Hospital Versus Spine Surgeon Reimbursement Over Time from 2008–2025 <i>Aditya Muralidharan, MD; Benjamin Hopkins, MD, MBA; Rhett Butler, MD; Anadjeet Khahera, MD; Johnathan Dallas, MD; Robert Briggs, MD; Jeffrey C. Wang, MD; Raymond J. Hah, MD</i>	
5:29–5:33	Paper #8: Clinical Significance of Early MRI Assessment Following Separation Surgery for Metastatic Spinal Cord Compression <i>Sung Tan Cho, MD; Seung Hyun Baek, MD; Dong-Ho Lee, MD; Chang Ju Hwang, MD; Sehan Park, MD; Jae Hwan Cho, MD</i>	
5:34–5:38	Paper #9: Unilateral Biportal Endoscopic Transforaminal Lumbar Interbody Fusion (TLIF) Using 3D-Printed Titanium Cages Compared With Open TLIF: A Comparison of Clinical Outcomes and Fusion Rates <i>Junghan Seo, MD; Sang Hyub Lee, MD; Jae Won Jang, MD; Dong Geun Lee, MD; Choon Keun Park, MD</i>	
5:39–5:43	Paper #10: Establishment and Five-Year Performance of a Hospital-Based Surgical Robot Training Center for Domestically Developed Robotic Systems in Korea <i>Seong Yi, MD, PhD</i>	
5:44–5:48	Paper #11: Is Blood Transfusion-Free Surgery Achievable in Adolescent Idiopathic Scoliosis? A Prediction Model for Posterior-Based Minimally Invasive Scoliosis Surgery <i>Hong Jin Kim, MD, PhD; Dong Yun Kim, MD; Jae Hyuk Yang, MD, PhD; Subin Lim, MD; Hee Soh Yoo, MD; Seung Woo Suh, MD, PhD</i>	
5:49–6:00	Discussion	
6:00	Adjourn and Welcome Reception	MAUI BALLROOM FOYER & COURTYARD
7:00	Early Career Surgeon Dinner Supported by Cerapedics	AVENUE LAWN

FRIDAY, JULY 10

6:00 am	Coffee with Meet & Greet	MAUI BALLROOM FOYER & COURTYARD
	Session 4: The Business of Spine Surgery: Reimbursement Models, Practice Management, and Cost Containment (CME) Mods: Kee Kim, Daniel Kang	WAILUKU & KAHULUI
6:30–6:34	Welcome	

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6:35–6:44	Understanding the Modern Reimbursement Models: How Do These Models Affect My Surgical Decision-Making Process?	Ernest Braxton
6:45–6:54	Federal Arbitration Under the No Surprises Act: A Clinical and Financial Framework for Surgeons	Michael Lim
6:55–7:04	Discussion	
7:05–7:14	Cost Drivers in Spine Surgery: Where the Money Really Goes (Implants, Length of Stay, Readmissions)	Paul Park
7:15–7:24	Building a Sustainable Spine Practice in Cost-Constrained Environment with ASC Utilization	David Jho
7:25–7:34	Discussion	
Session 5: Career Development in Spine Surgery (CME) <i>Mods: Bryan Lee, W.H. Andrew Ryu</i>		WAILUKU & KAHULUI
7:35–7:44	Avoiding Burnout and Building Career Longevity: It Is a Marathon, Not a Sprint.	Kee Kim
7:45–7:54	Choosing Your Career Path: Academic, Private, or Hybrid. Would I Do It Differently?	Jeff Roh
7:55–8:04	Mentorship, Leadership, and Partnership: Building a Professional Network	Jeffrey Wang
8:05–8:14	Work-life integration and Balance: Role of Family and Support Systems	Raymond Hah
8:15–8:24	Discussion	
8:25	Family Breakfast with Meet & Greet	MAUI BALLROOM FOYER & COURTYARD
Session 6: Invited International Faculty—Korean Spine Surgeons (Non-CME) <i>Mods: Patrick Kim, Ki-Eun Chang</i>		WAILUKU & KAHULUI
9:30–9:36	The Marriage of dualPortal Spinal Endoscopy and dualX TLIF with dualPortal 2.0 <i>Presented by Amplify Surgical</i>	Don Park
9:37–9:43	Scientific Update: PRP Modulation of Heme-Driven Inflammation in Spine Surgery <i>Presented by Arthrex, Inc.</i>	Patrick Kim
9:44–9:53	Evolution of Endoscopic Surgery in Korea: Driver for adoption, Technique, Outcomes, and Global Impact	Hyeun Sung Kim
9:54–10:03	Endoscopic Cervical Laminoplasty for OPLL-Induced Myelopathy	Ji Yeon Kim
10:04–10:13	Spine Surgery in Korea vs USA—Differences/Similarities and Opportunities for Collaboration	Sang Hun Lee (virtual)
10:14–10:23	Open Discussion: Korean vs. American Endoscopic Spine Surgery	
10:24–10:30	Quasar™ Standalone ACIF: Evidence-Based Outcomes Across the Product Line <i>Presented by GS Medical</i>	Kee Kim
10:31–10:37	VB Vision <i>Presented by VB Spine</i>	Ed Macy
10:38–10:47	Endoscopic Anterior-Column Decompression for Ventral Degenerative and Traumatic Pathologies	Cheol Wung Park
10:48–10:57	Right-Sided Approach Mastery and Level-Adaptive Decision-Making Strategies	Woon Tak Yuh

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10:58–11:06	Spinal Cord Stimulator Insertion Using Biportal Endoscopy	Young San Ko
11:07–11:16	Discussion	
Session 7: Tech Talks (Non-CME) Mods: Don Park, Josh Bakhsheshian		WAILUKU & KAHULUI
11:17–11:27	Not all DBMs are Equal <i>Presented by Orthofix</i>	Raymond Hah
11:28–11:36	PearlMatrix®, The First and Only Bone Growth Accelerator <i>Presented by Cerapedics</i>	Ernest Braxton
11:37–11:43	Evolution of PTP in My Practice <i>Presented by ATEC Spine</i>	Bryan Lee
11:44–11:50	Patient-Specific Spine Surgery: Advancing Alignment and Workflow with SCRIPT™ <i>Presented by Globus Medical</i>	Raymond Hah
11:51–11:57	Transforming Posterior Cervical Fixation with the PILAR™ Technique: Biomechanical Rationale, Anatomic Considerations, Enabling Tech, and Clinical Pearls <i>Presented by Medtronic</i>	Daniel Kim
11:58–12:04	Modern Spinopelvic Fixation & SI Joint Fusion: Innovation Backed by Evidence <i>Presented by SI-BONE</i>	Andrew Chung
12:05–12:15	Presidential Address & Closing Comments and Adjourn	Raymond Hah
12:15–12:45	Lunch Workshop: Optimizing Patient Outcomes with the Complete Healing Solution <i>Supported by Orthofix</i>	Raymond Hah & Andrew Chung
1:00	Golf Outing	ROYAL KA'ANAPALI GOLF COURSE
Afternoon	Optional Group Activities	
6:30	Annual Dinner: We look forward to welcoming Dr. Dennis Hong as our KASS Annual Dinner Speaker.	AVENUE LAWN

SATURDAY, JULY 11

6:45 am	Breakfast with Meet & Greet	MAUI BALLROOM FOYER & COURTYARD
Session 8: Endoscopic Spine Surgery–Newest Techniques and Outcomes (CME) Mods: Andrew Chung, Raymond Hah		WAILUKU & KAHULUI
7:30–7:45	Case-based discussion/debate: Is endoscopic decompression better than tubular MIS decompression? 5min each w. 5 min discussion–Endo vs. Tubular Aaron Clark (Tube) vs. Patrick Kim (Endo)	
7:46–7:53	Advancing Endoscopic Practice: What is the Learning Curve to Expanding Indications, Ways to Accelerate the Learning Curve, and Common Pitfalls to Avoid?	Daniel Kim
7:54–8:03	Management of Complications During Endoscopic Spine Surgery	Don Park
8:04–8:14	Discussion	
8:15	KASS Business Meeting	
8:20	Refreshment Break with Meet & Greet	

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Session 9: Management of Complex Spine, Deformity, and Spinal Oncology (CME)

WAILUKU & KAHULUI

Moderators: Bryan Lee, W.H. Andrew Ryu

8:50 –8:59	Deformity–Which Radiographic Parameters and Goals Are the Most Useful for Guiding Surgical Planning?	<i>Cliff Lin</i>
9:00-9:09	Deformity–Do You Always Have to Correct the Deformity? Indications and Pitfalls for Selective Fusion in the Setting of Deformity.	<i>Sean Do</i>
9:10–9:19	Oncology–Separation Surgery vs Maximal Resection for Spinal Metastasis	<i>W.H. Andrew Ryu</i>
9:20–9:29	Oncology–Management of Pathologic Fractures with Moderate Instability: Surgery vs Kyphoplasty	<i>Lee Hwang</i>
9:30–9:40	Discussion	

Session 10: Closing Session

WAILUKU & KAHULUI

9:40	Open Discussion on What KASS Should Look Like in the Next 10 Years	
10:15	Closing Remarks and Adjourn	<i>Raymond Hah</i>

BUSINESS MEETING | Saturday, July 11th | 8:15 am

It is essential that all KASS members attend the 5-minute Business Meeting on Saturday. The meeting will be held in the General Session room.