THURSDAY, JULY 1, 2021			
1:00 pm	Registration Opens Exhibits Open	Poinsettia Foyer Poinsettia 1-2	
1:15	Welcome Remarks – Choll W. Kim, MD, PhD	Poinsettia 3	
SESSION 1:20	1: Practice Environment (Moderator: Choll W. Kim, MD, PhD) Pros and Cons of a Practice Move	Dan Riew, MD	
1:30	Business Topics for Spine Surgeons to Know	Jeff Roh, MD	
1:40	Marketing your Practice: Strategies in the Age of Social Media (and COVID)	Youjeong Kim, MD	
1:50	Legislation Affecting Spine Surgeons Today	Esther Kim, MD	
2:00	Discussion with Q&A		
2:20 2:35	NON-CME Workshop: OR of the Future Supported by Stryker Discussion with Q&A	Samuel Cho, MD	
2:45	Refreshment Break in Exhibit Hall		
3:25	NON-CME Workshop: State of the Art: ACDF Supported by Cerapedics	Choll W. Kim, MD, PhD	
3:40	Discussion with Q&A		
SESSION 3:50	2: Cervical Spine (Moderator: Dan Riew, MD) How to Diagnose a Pseudarthrosis after an ACDF	Dan Riew, MD	
4:00	Anterior Cervical Endoscopic Surgery	David Jho, MD, PhD	
4:10	Discussion with Q&A		
4:20	Cervical Deformity: I would Go Anterior or Posterior or Both	Dan Riew, MD	
4:30	Cervical Deformity: Crossing the Line - Cervicothoracic Junction	Tom Cha, MD	
4:40	Discussion with Q&A		
4:50	Spinal Cord Injury: Update on Treatment and Long-term Management	Brian Kwon, MD (Vancouver – via video)	

THURSDAY, JULY 1, 2021 CONTINUED			
5:00	Advanced Topics in Cervical Disc Replacement: Its Role in Multilevel Disease & Complications Avoidance	Hyun Bae, MD	
5:15	Discussion with Q&A		
SESSION 3: Free Papers (Moderator: Hyun Bae, MD)			
5:25	Free Paper #1: Development of a Machine Learning Model for Prediction of C5 Palsy after Instrumented Cervical Fusion	Don Park, MD	
5:31	Free Paper #2: A Novel Ensemble Machine Learning Algorithm for Prediction of Dysphagia after Instrumented Cervical Spinal Fusion	Don Park, MD	
5:37	Free Paper #3: Safe Route for Cervical Approach: Partial Pediculotomy, Partial Vertebrotomy Approach for Posterior Endoscopic Cervical Foraminotomy and Discectomy	Hyeun Sung Kim, MD (via video)	
5:43	Discussion		
5:55	Free Paper #4: Post-Operative Cervical Hematoma	Kevin Yoo, MD	
6:01	Free Paper #5: Does the Use of Hydroxyapatite-Coated Titanium Pedicle Screws Adversely Affect Resistivity? A Basic Science Study	Daniel Lee, MD	
6:07	Discussion		
6:20-7:30	Welcome/Dinner Reception in Exhibit Hall		
7:30 pm	Optional Social Meet Up		

FRIDAY, JULY 2, 2021				
6:30 am	Breakfast in Exhibit Hall	Poinsettia 1-2		
7:15	Opening Remarks	Poinsettia 3		
7:30	Welcome New Members & Presidential Address	Kevin Yoo, MD		
SESSION 8:00 8:05 8:15 8:25	4: Controversies (Moderator: Tom Cha, MD) DEBATE: MIS vs. Open (Case Presentation by Moderator) MIS Strategies Open Strategies Discussion with Q&A	Jeff Roh, MD James Mok, MD		
8:35 8:50	Hip Replacement vs. Spine Surgery Discussion with Q&A	Adam Sassoon, MD		
9:00 9:15	Radiation in Spine Surgery: The Phantom Menace! Discussion with Q&A	Stephen Ryu, MD		
SESSION	5: Free Papers & Deformity (Moderator: Stephen Ryu, MD)			
9:25	Free Paper #6: Coronal Plane Imbalance after MIS ASD Correction	Sean Keem, MD, MBA		
9:31	Free Paper #7: Severe NF1 Neuromuscular Kyphoscoliosis s/p Previous Fusion: A Case Presentation of Revision Strategies	Sam Cho, MD		
9:37	Free Paper #8: Lumbar Spondylolisthesis and Mismatch Deformity Affects the Outcome of Total Knee Arthroplasty	Will Sheppard, MD		
9:43	Discussion			
9:55	Refreshment Break in Exhibit Hall			
10:25	KASS Business Meeting			
10:35	NON-CME Workshop: Master Techniques Series Maximizing Lordosis during MIS Posterior Fusions Supported by Globus	Choll W. Kim, MD, PhD		
10:50	Discussion with Q&A			
11:00	NON-CME Workshop: Master Techniques Series Single Position, Lateral, Prone LLIF Surgery Supported by NuVasive	Brian Kwon, MD		
11:15	Discussion with Q&A	Zitan Intoly ED		
11:25	NON-CME Tech Update Supported by Kuros Biosciences	John Chi, MD, MPH		
11:35	Discussion with Q & A			

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11:40 Working Lunch:

Grab a boxed lunch from the back of the General Session.

11:50 **NON-CME Workshop:**

Redefining Spine Positioning Choll W. Kim, MD, PhD

Supported by Bone Foam

12:05 Discussion with Q&A

12:15 pm Adjourn

12:45 Golf Tournament (Must be pre-registered)

6:30-8:30 Family Night Dinner

Guest Speakers: Esther Kim, MD & Youjeong Kim, MD

Valley Promenade & Legends Lawn

Valley Promenade & Legends Lawn are outdoors and accessible via the hotel lobby. We recommend bringing a jacket or sweater. In the case of inclement weather, this event will be held in the Gardenia Ballroom.

SATURDAY, JULY 3, 2021				
7:00 am	Breakfast in Exhibit Hall	Poinsettia 1-2		
7:20	Opening Remarks	Poinsettia 3		
SESSION 6: Spinal Endoscopy (Moderator: Don Park) 7:30 Getting Started in Uniportal Lumbar Endoscopic 7:40 Getting Started in Biportal Endoscopic Surgery (UBE/BESS) 7:50 Discussion with Q&A		Brian Kwon, MD (Boston) Jeff Roh, MD		
8:00	NON-CME Workshop: Master Techniques Series The Beauty Behind Endoscopic Spine Surgery Moderator: Choll W. Kim, MD, PhD Supported by elliquence			
	Identifying the Ideal Cases for your first Transforaminal and Interlaminar Cases	Jin-Sung (Luke) Kim, MD (via video)		
	Full-Endoscopic Uniportal Techniques to Treat Spinal Stenosis	Sang Hun Lee, MD (via video)		
	Discussion with Q&A	(via viaco)		
8:25	NON-CME Workshop: Master Techniques Series Percutaneous/Endoscopic TLIF Supported by Spineology Discussion with Q&A			
SESSION	7: Free Papers (Moderator: Brian Kwon, MD)			
8:50	Free Paper #9: Comparative Interventional Cohort Study: Clinical And Computer Tomographic Fusion and Subsidence Evaluation for Uniportal Endoscopic Posterolateral Approach Transforaminal Lumbar Interbody Fusion Versus Open Transforaminal Interbody Fusion	Hyeun Sung Kim, MD (via video)		
8:56	Free Paper #10: Microdecompression is a Viable Option for Treatment of Spinal Stenosis Patients with Spondylolisthesis	Jessica Rauch, BS		
9:02	Free Paper #11: Lumbar Facet Replacement for Spondylolisthesis and Stenosis: 1-Year Outcomes from Prospective, Randomized Study	Michael Y. Oh, MD		
9:08	Free Paper #12: MIS Decompression with Non-Instrumented Facet Fusion versus MIS TLIF for Stenosis Associated with Grade 1 Degenerative Spondylolisthesis	Daniel C. Kim, MD		
9:14	Discussion			

SATURDAY, JULY 3, 2021 (CONTINUED)				
9:20	Refreshment Break in Exhibit Hall – Last Chance to Get Raffle Cards Punched!			
9:50	NON-CME Workshop: Advances in Computer Navigation and Robotic Spine Surgery Supported by Globus	Kee Kim, MD		
10:05	Discussion with Q&A			
10:15	NON-CME Workshop: The Role of Artificial Intelligence and Patient-Specific Implants in Complex Spine Surgery Supported by Medtronic	Afshin Aminian, MD		
10:30	Discussion with Q & A			
SESSION	8: Interesting Topics (Moderator: Youjeong Kim, MD)			
10:40	Update on SI Fusion	Michael Oh, MD		
10:50	C5 Nerve Root Palsy - Can it be Prevented?	Kee Kim, MD		
11:00	Paper #13: Prospective Trial of Sacroiliac Joint Fusion Using 3D-Printed Triangular Titanium Implants: 24-Month Follow-Up	Peter Whang, MD		
11:06	Paper #14: Medullary Compression secondary to Thoracic Multiple Myeloma. Case Report.	J.D. Pérez Ruiz, MD		
11:12	Discussion with Q & A			
11:22	Advances in Spinal Cord Stimulators	Kevin Yoo, MD		
11:32	Developing an Efficient Working Relationship Between Spine & Vascular Surgeons	Alex Chang, MD & Sunil Jeswani, MD		
11:42	Discussion with Q&A			
11:52	NON-CME Tech Update Supported by Curexo	Seong Yi, MD (via video)		
12:07 pm	Closing Comments, Raffle Drawing, & Save the Date for 2022			
12:10	Adjourn			