



14th Annual Meeting
Korean American Spine Society
July 11-13, 2019

THURSDAY, JULY 11, 2019

1:00 pm	Registration Exhibits	Park Ballroom Foyer Foyer & Ballroom B-C
1:15	Welcome Remarks - John Chi and Don Park	Park Ballroom A

SESSION 1: Cervical (Moderator: Don Park) Park Ballroom A

	Debate: ACDF vs. CDR for Cervical Stenosis	
1:20	- ACDF	James Mok
1:28	- CDR	Youjeong Kim
1:34	Discussion	
1:44	Surgery for Cervical Deformity	John Shin
1:54	Discussion	
	Debate: Cervical Radiculopathy	
2:04	- Posterior	David Jho
2:12	- Anterior	Esther Kim
2:20	Discussion	

SESSION 2: Trauma/Tumor (Moderator: John Chi) Park Ballroom A

2:28	Timing of Surgery for SCI & Latest Advances in SCI Treatment [Vancouver]	Brian K. Kwon
2:42	NSG Thoracolumbar Trauma Guidelines	Henry Ahn
2:50	Discussion	
2:58	Cryoablation of Spinal Tumors	John Chi
3:06	Reconstruction Techniques for En Bloc Spinal Resections	John Shin
3:14	Discussion	
3:35	Refreshment Break & Exhibit Viewing	Foyer & Ballroom B-C

SESSION 3: Non-CME Workshops Pavilion Rooms

Participants choose which workshop(s) to attend

4:00 **Pavilion I: The Future of Minimally Invasive Spine Surgery**
Faculty: Choll Kim, MD
Supported by Globus Medical

Pavilion II: A Procedural Solution to MIS TLIF: Using Enabling Technologies for Pre-op Planning with BACS™ and Intra-op Navigation with SpineMap Go
Faculty: Don Park, MD
Supported by Stryker



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SESSION 4: Debate + Free Papers (Moderator: Brian Kwon-Boston)		Park Ballroom A
	Debate: Recurrent HNP: Revision vs. Fusion	
4:50	Revision	Henry Ahn
4:56	Fusion	Ray Hah
5:02	Discussion	
5:10 pm	Free Paper #1: How Does Overstuffing a Cervical TDR Device Affect Flexion/Extension ROM? A Biomechanics Study <i><u>Kee Kim, MD, Tejas Karnati, MD, Vijay Permeswaran, MD, Anup Gandhi, MD</u></i>	
5:17	Free Paper #2: Secondary Operations Due to Mobi-C Failure in Cervical Arthroplasty Patients <i><u>Varun Yadav, MD</u></i>	
5:24	Free Paper #3: Upper Cervical Surgery, Increased Signal Intensity of the Spinal Cord, and Hypertension as Risk Factors for Dyspnea after Multilevel Anterior Cervical Discectomy and Fusion <i><u>Seong Bae An, Jong Joo Lee, Tae Woo Kim, Dong Ah Shin, Seong Yi, Keung Nyun Kim, Do Heum Yoon, Yoon Ha</u></i>	
5:31	Discussion	
5:37	Free Paper #4: Combined Anterior and Posterior Approach to Restore Sagittal Alignment of Cervical Spine <i><u>Tanmoy Maiti, MD</u></i>	
5:44	Free Paper #5: Associated Risk Factors of Malpractice Outcomes following Spinal Surgery <i><u>Howard Y. Park, Richard Hwang, Amador Bugarin, Christopher D. Hamad, Joshua D. Proal, Will Sheppard, Ryan Smith, Nicholas Bernthal, A. Nick Shamie, Don Y Park</u></i>	
5:51	Discussion	
6:00 – 7:00	Welcome Reception in Exhibit Hall	Foyer & Ballroom B-C



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FRIDAY, JULY 12, 2019

6:30 am	Breakfast in Exhibit Hall	Park Ballroom B-C
7:15	Opening Remarks	Park Ballroom A

SESSION 5: Adult Deformity (Moderator: Stephen Ryu) Park Ballroom A

7:20	Age Considerations for Spinal Deformity Surgery	Tom Cha
7:28	Complication Prevention (ie.PJF, Dealing with Osteoporosis)	Kee Kim
7:36	Discussion	
7:44	Preop Planning (EOS)	Ray Hah
7:52	Relationship between Pelvic Parameters and Hip OA/ Replacement Surgery	Brian Kwon (Boston)
8:00	Discussion	
	Debate: Focal Lumbar Stenosis with Neurogenic Claudication and Degen Scoliosis and Grade 1 Spondylolisthesis	
8:08	- Big Surgery: Laminectomy, T10-pelvis	Tom Cha
8:16	- Laminectomy Alone	Jung Yoo
8:24	- Limited MIS lumbar fusion (XLIF,TLIF)	Choll Kim
8:32	Discussion	

SESSION 6: Image Guidance/Robots/Biologics/New Tech (Mod.: Tom Cha) Park Ballroom A

8:38	Navigation in Spine Surgery	John Chi
8:50	Discussion	
8:54	Robotics in Spine Surgery	Paul Park
9:06	Free Paper #20: Update on Roadmap for Development of Brand New Spine Surgery Robot in Korea <u>Seong Yi, MD, PhD</u>	
9:13	Discussion	
9:17	Surface Technology in Cages	Kevin Yoo
9:27	Biologics Consideration in Deformity Surgery	Woosik Chung
9:37	Discussion	
	Debate: OLIF vs. ALIF	
9:41	- OLIF and Single Position Surgery	Brian Kwon (Boston)
9:47	- ALIF: If it Ain't Broke Don't Fix it	Brian Kwon (Vancouver)
9:53	Discussion	
10:00	Walking Break	



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FRIDAY, JULY 12 continued

SESSION 7: Non-CME Workshops & Coffee/Refreshments **Pavilion Rooms**

Participants choose which workshop(s) to attend

10:15 am **Pavilion I: Single Position 360° Surgery: OLIF and Posterior Fixation "Without the Flip"**

Faculty: Sean Keem, MD, MBA

Supported by Medtronic

Pavilion II: Bone Grafting in the Spine

Faculty: Seong Son, MD & Seong Yi, MD, PhD

Supported by Hans Biomed

11:05 Walking Break

SESSION 8: President's Welcome and Address **Park Ballroom A**

11:10 Welcome New Members

11:15 Presidential Address: Brian Kwon (Boston)

SESSION 9: Real World/Practical Tips in Lumbar Surgery (Mod.: Jung Yoo) **Park Ballroom A**

11:35 Where Spine Surgery in Korea has been and Where it's Going Yoon Ha

11:50 Does Fusion have a Role in Lumbar DDD? Don Park

12:05 pm Stem Cells and Degenerative Disc Disease Inbo Han

12:15 Discussion

SESSION 10: Free Paper Session: (Moderator: Brian Kwon-Vancouver) **Park Ballroom A**

12:20 Free Paper #6: VTE Chemoprophylaxis within 24 hours of Surgery for Spinal Cord Injury: Is it Safe and Effective?
Don Y. Park MD, Seth Ahlquist BS, Howard Y. Park, MD, Langston Holly, MD, Manuel M. Blanco, MD, Paul M. Vespa, MD, Ayra N. Shamie, MD

12:27 Free Paper #7: Osteoporotic/osteopenic Non-operative Thoracolumbar Burst Fracture: Radiologic and Clinical Analyses in view of Bone Mineral Density and the OF Classification
Bum-Joon Kim, MD, PhD, Se-Hoon Kim, MD, PhD, Eui-Jin Cho, MD, Sung-Kon Ha, MD, PhD, Sang-Dae Kim, MD, PhD, Dong-Jun Lim, MD, PhD

12:34 Free Paper #8: Development of Advanced-In Vivo Reprogramming system for Spinal Cord Injury Therapy
Hye Lan Lee, Hye Yeong Lee, Yoon Ha

12:41 Discussion



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- 12:48 Free Paper #9: The Clinical and Radiological Results of Anterior Lumbar Interbody Fusion with Percutaneous Pedicle Screw Fixation to treat Adult Lumbar Degenerative Scoliosis
Jae-Won Jang, MD PhD, Dong-Hwa Heo MD, PhD, Dong-Chan Lee, MD, Choon-Keun Park, MD PhD
- 12:55 Free Paper #10: Semitendinosus Ligament Reinforcement for Prevention of Proximal Junctional Kyphosis and Failure in Adult Spinal Deformity
Ram Alluri, MD, Torre Soderlund, BS Frank Acosta, MD, Raymond Hah, MD
- 1:02 Free Paper #11: Surgical Correction of Grade 2 Isthmic Spondylolisthesis
Sean Keem, MD
- 1:09 Discussion

SESSION 11: KASS Business Meeting

Park Ballroom Foyer

- 1:15 KASS Business Meeting
1:25 Adjourn

6:00 pm Annual Dinner

Pavilion Rooms

Guest Speaker David Kim: "You've Made It. Now What?"



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SATURDAY, JULY 13, 2019

7:00 am Breakfast in Exhibit Hall Park Ballroom B-C

7:20 Opening Remarks Park Ballroom A

SESSION 12: Value/Quality/ASC (Moderator: Kee Kim) Park Ballroom A

7:30 Bundles in Spine Care Don Park

7:40 Perioperative Pain Management and Alternatives to Opioids Robert Jason Yong

7:50 State of the Art in Interventional Pain Procedures Robert Jason Yong

8:00 Discussion

Debate: Appropriateness of Lumbar Fusion in ASC vs. Hospital
8:10 - Works for me Choll Kim

8:16 - No way Kee Kim

8:22 Discussion

SESSION 13: Free Paper Session (Moderator: Paul Kim) Park Ballroom A

8:30 Free Paper #12: The True Effect of a Lumbar Dural Tear on
Complications and Cost
*Ram Alluri, MD, H. Paco Kang, MD Gabriel Bouz, BA Jeffrey Wang, MD
Raymond Hah, MD*

8:37 Free Paper #14: Osteoporosis of Lumbar Spine
Christian Joaquin

8:44 Free Paper #15: Post-operative Blindness during and after Spinal Surgery
Kim Lol

8:51 Discussion

9:05 Walking Break

SESSION 14: Non-CME Workshops & Coffee/Refreshments Pavilion Rooms

Participants choose which workshop(s) to attend

9:15 **Pavilion I: X360 powered by Surgical Intelligence**
Faculty: Brian Kwon, MD and Steven Ryu, MD
Supported by NuVasive

**Pavilion II: SI Joint Fusion with iFuse and the Future of
Pelvic Fixation for Long Constructs**
Faculty: Peter Whang, MD
Supported by SI-Bone, Inc.

10:05 Walking Break



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SATURDAY, JULY 13 continued

SESSION 15: MIS/Endo (Moderator: Choll Kim) Park Ballroom A

10:15 am	Best MIS Interbody Technique for Grade I-II spondylolisthesis	Choll Kim
10:27	Discussion	
	Debate: Expandable vs. Static Interbody Cages	
10:35	- Expandable	Paul Kim
10:41	- Static Interbody Cages	Stephen Ryu
10:47	Discussion	
10:55	Learning Curve for Endoscopic Surgery	Dan Park
11:03	Discussion	
	Debate: MiStLif vs. MiDLif for grade I spondylolisthesis	
11:11	- MIS TLIF	Jeff Roh
11:17	- MiDLiF	Peter Whang
11:23	Discussion	

SESSION 16: Free Paper Session (Moderator: Jeff Roh) Park Ballroom A

11:30	Free Paper #16: Two-incision Tunneling Access Technique for Anterolateral Approach of L2-S1 <i>Sean Keem</i>	
11:37	Free Paper #17: Biportal Technique/Endoscopic Discectomy for High-grade Migrated Lumbar Disc Herniation <i>Si Young Park, Taewook Kang, Seung Woo Suh, Jae Young Hong</i>	
11:44	Free Paper #18: Percutaneous Endoscopic Foraminal Decompression for Persistent Radiculopathic Leg Pain for Foraminal Stenosis with Multiple Vertebral Compression Fracture <i>Chang Il Ju, Seok Won Kim, Hee Sun Wang, Seung Myung Lee</i>	
11:51	Discussion	
11:56	Free Paper #19: Full Endoscopic Surgery for the Bertolotti Syndrome: Technical Case Report <i>Pius Kim, Chang Il Ju, Seung Myung Lee</i>	
12:03 pm	Discussion	
12:08	Closing Comments & Save the Date for 2020	
12:10	Adjourn	