

13th Annual Meeting
Korean American Spine Society
July 5-7, 2018
Napa, CA

Program Agenda

THURSDAY, JULY 5, 2018

1:00 pm	Registration Exhibit Viewing	Ballroom Foyer Fairway Deck
1:15	Welcome Remarks Stephen Ryu, MD & James Mok, MD	Silverado East

SESSION 1: The Fundamentals - Wisdom of the Experts

Moderator: James Mok, MD

1:20	The Lost Art of Fusion	Tim Yoon, MD
1:30	Picking the Right Patient for the Right Operation	Jung Yoo, MD
1:40	Freehand Instrumentation, from Occiput to Pelvis	Jay Kim, MD
1:50	Multi-level ACDF	Howard An, MD
2:00	Discussion	

SESSION 2: The Fundamentals - Surgical Indications

Moderators: James Kang, MD & Hyun Bae, MD

2:10	Spinal Fusion for Lower Back Pain Caused by Degenerative Disc Disease	Casey Lee, MD
2:20	Making the Case for Bertolotti's Syndrome	Kee Kim, MD
2:30	Discussion	
2:35	Can Decompression Improve Axial Spinal Pain?	Haedong Jho, MD
2:45	Making the Case for Sacroiliac Joint Pain	Don Park, MD
2:55	Discussion	

SESSION 3: Free Paper Session

Moderator: Tim Yoon, MD

3:00	Liposomal Bupivacaine Reduces Narcotic Consumption in Adult Deformity Surgery	Andrew Chung, MD
3:07	Thromboprophylaxis in Spine Surgery	Will Mosenthal, MD
3:14	Novel Rapid Application Antimicrobial Spine Implant Coating Protects Against Bacterial Infection	Howard Park, MD
3:21	Discussion	

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| 3:28 | Demineralized Bone Matrix (DBM) for Interbody Fusion in Lumbar Spinal Stenosis: A Prospective Pilot Study of Simultaneous DBM and Autologous Bone Grafts | Se-Hoon Kim, MD |
| 3:35 | Improvement for Regional Bone Formation and Osteointegration Between Orthopedic Device and Osteoporotic Bone in Animal Study | Je Hoon Jeong, MD, PhD |
| 3:42 | Discussion | |
| 3:50 | Refreshment Break & Exhibit Viewing | Fairway Deck |

SESSION 4: Adult Spinal Deformity

Moderator: Howard An, MD

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| 4:20 | Approach to Dropped Head | Tom Cha, MD |
| 4:30 | Just How Important Are Those Sagittal Parameters? | Dan Kang, MD |
| 4:40 | Consequences of Pelvic Fixation | Insoo Oh, MD |
| 4:50 | Discussion | |
| 5:00 | Should it be Done? Selection Criteria for ASD Surgery | Jay Kim, MD |
| 5:10 | Correction of Sagittal Plane: MIS Approach | Choll Kim, MD |
| 5:20 | Discussion | |

SESSION 5: Free Paper Session – Cervical 1

Moderator: Joo-kyung Sung, MD

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| 5:30 | Is Cervical Sagittal Alignment Relevant to High Signal Intensity (SI) on T2-weighted Image (T2WI), the Severity of Spinal Cord Compression, Surgical Outcome in Cervical Compressive Myelopathy? | Jun Jae Shin, MD |
| 5:37 | When and How to Do Posterior Cervical Fixation in Cervical Degenerative Disease | Sang-hyun Keem, MD |
| 5:44 | Discussion | |
| 5:49 | Increase in Spinal Canal Area Following Open-door and Double-door Laminoplasty According to Pre-operative Lamina Angle: Comparative Simulation Study | Tae-Ahn Jahng, MD |

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6:30 am	Breakfast in Exhibit Hall	Fairway Deck
7:10	Opening Remarks Stephen Ryu, MD	Silverado East

SESSION 6: The Debates - Controversies in Spine Surgery

Moderators: Hae-dong Jho, MD & Jung Yoo, MD

	<u>Does Motor Weakness Necessitate Surgery?</u>	
7:15	Yes	John Chi, MD
7:25	No	Esther Kim, MD
7:35	Rebuttal, Discussion, and Audience Vote	
	<u>Is Surgery Necessary for Asymptomatic Cervical Spondylotic Myelopathy?</u>	
7:45	Yes	Paul Kim, MD
7:55	No	Tom Cha, MD
8:05	Rebuttal, Discussion, and Audience Vote	
	<u>Should You Fuse for Lumbar Degenerative Spondylolisthesis?</u>	
8:15	Yes	Brian Su, MD
8:25	No	Youjeong Kim, MD
8:35	Rebuttal, Discussion, and Audience Vote	
	<u>Axial Back Pain, Degenerative Scoliosis, and NO Sagittal Imbalance: Operate?</u>	
8:45	Yes	Jay Kim, MD
8:55	No	Ray Hah, MD
9:05	Rebuttal, Discussion, and Audience Vote	

SESSION 7: The Real World - New Spine Technologies in Your Practice

Moderator: Choll Kim, MD

9:15	Is it as Good as Iliac Crest? Recommendations for Bone Graft and Alternatives	Tim Yoon, MD
9:25	Robots in the OR	Jae Lim, MD
9:35	Cervical Disc Replacement for Myelopathy	Hyun Bae, MD
9:45	Mixing Metals	Serena Hu, MD
9:55	Discussion	

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SESSION 8: Non-CME Workshops & Coffee/ Refreshments

Participants choose which workshop(s) to attend

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| 10:05 | Protect yourself and your patients: Novel technologies to decrease radiation exposure and achieve global spinal alignment
<i>Stephen Ryu, MD</i>
Supported by: NuVasive | Silverado East |
| | Mazor X Robotic System: Innovations and Evolutions in Spine Surgery
<i>Jae Lim, MD</i>
Supported by: Medtronic | Joseph Phelps |
| | Reimbursement & Value-Based Payment Strategy – Solving the Health Plan Puzzle
<i>David Aguayo, VP Strategic Partnerships and Innovation</i>
Supported by: Surgical Care Affiliates | Sterling |

10:55 Walking Break

SESSION 9: President's Welcome and Address

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| 11:00 | Welcome New Members | Stephen Ryu, MD |
| 11:05 | Becoming a Happier Spine Surgeon | Stephen Ryu, MD |

SESSION 10: The Real World - Practical Talks for Practice Success
Moderator: Jeff Roh, MD

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| 11:25 | The Spine Center of Excellence Program: The Role of the Surgeon in Cost Effectiveness Programs | Choll Kim, MD |
| 11:32 | Return to Work after Spinal Surgery | Brian Kwon, MD
(Boston) |
| 11:39 | How I Manage Post-op Pain | Jung Yoo, MD |
| 11:46 | Discussion | |

SESSION 11: The Real World – Observations and Advice on Leadership
Moderator: Kevin Yoo, MD

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| 12:00 pm | Leadership | James Kang, MD |
| 12:10 | Leadership | Howard An, MD |
| 12:20 | Leadership | Jeff Roh, MD |

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12:30	Leadership	Jung Yoo, MD
12:40	Discussion	

SESSION 12: Trauma

Moderator: Kee Kim, MD

12:45	Timing of Surgery for Spinal Cord Injury	James Kang, MD
12:55	First-line Treatment of Unstable Spinal Injuries	Henry An, MD
1:05	Percutaneous Fixation	Don Park, MD
1:15	Discussion	
1:22	Intracortical Motor Prosthetic Systems for Treatment of Paralysis	Stephen Ryu, MD
1:29	Roadmap for Development of Brand New Spine Surgery Robot in Korea	Seong Yi, MD, PhD
1:36	Discussion	

SESSION 13: KASS Business Meeting

1:40	KASS Business Meeting	
1:50	Lunch	Fairway Deck
2:00-2:30	Tee Times for Golf Tournament	North Course
7:00	Annual Dinner & Guest Speaker Charles Limb, MD	Vintner's Court

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SATURDAY, JULY 7, 2018

7:00 am Breakfast in Exhibit Hall

7:20 Opening Remarks Stephen Ryu, MD

SESSION 14: Free Paper Session: Cervical 2

Moderator: Tom Cha, MD

7:30 Ambulatory Anterior Cervical Discectomy and Fusion is Associated with a Higher Risk of Revision Surgery and Perioperative Complications: An Analysis of a Large Nationwide Database Howard Y. Park, MD

7:37 Minimally Invasive Cervical Pedicle Screw Placement with a Freehand Technique Through the Posterolateral Approach Using a Tubular Retractor: A Technical Note Subum Lee, MD

7:44 Widening of the Safe Trajectory Range During Subaxial Cervical Pedicle Screw Placement: Advantages of a Curved Pedicle Probe and Laterally Located Starting Point Without Creating a Funnel-Shaped Hole Subum Lee, MD

7:51 Safe Margin Beyond Dens Tips to Ventral Dura in Anterior Odontoid Screw Fixation: Analysis of Three-dimensional CT Scan of Odontoid Process Min-jae Sung, MD

7:58 Discussion

SESSION 15: Pediatric Spine: Dedicated to Dr. Paul Choi

Moderator: Bob Cho, MD

8:10 A Novel Preemptive Non-opioid Pain Protocol for Children and Adolescents Undergoing Posterior Spinal Fusion Bob Cho, MD

8:20 Spondylolysis and Spondylolisthesis in Children and Adolescents Reginald Fayssoux, MD

8:30 Derotation and Implant Alternatives Emory Chang, MD

8:40 An Update on Early Onset Scoliosis Selina Poon, MD

8:50 Discussion

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SESSION 16: Non-CME Workshops & Coffee/ Refreshments

Participants choose which workshop(s) to attend

9:00	Cage Rage: Metal Interbody Cages - Tritanium <i>Stephen Ryu, MD</i> Supported by: Stryker	Sterling
	PathLoc-SI MIS SI Procedure Benefits, Techniques, and Demonstration <i>Sunny Kim, MD</i> Supported by: Aegis Spine	Joseph Phelps
9:50	Walking Break	
10:00 am	International Update	Kevin Yoo, MD
<u>SESSION 17: The Fundamentals - MIS Surgery</u>		
Moderator: Brian Kwon, MD		
10:10	Lateral Approach for Indirect Decompression: A Bridge Too Far	James Mok, MD
10:20	Resolution of Symptom After Target-oriented Decompression Using Unilateral Biptoral Endoscopic Technique	Seung Deok Sun, MD
10:27	Percutaneous Lumbar Interbody Fusion with 2-year Results	John H. Chi, MD, MPH
10:34	Discussion	
10:41	Oblique Lateral Lumbar Interbody Fusion (OLLIF)	Sunny Kim, MD
10:48	Does Approach Matter? A Comparative Radiographic Analysis of Spinopelvic Parameters in Single Level Lumbar Fusion	Howard Y. Park, MD
10:55	Outpatient Posterior Lumbar Fusion: What Are the Complication Rates Relative to the Inpatient Standard?	Howard Y. Park, MD
11:02	Discussion	

SESSION 18: Tumor

Moderator: Serena Hu, MD

11:12	What is the Appropriate Management of the Single Metastatic Lesion to the Spine?	Eun-Sang Kim, MD
11:22	Multidisciplinary Spine Tumor Care	Luke Macyszyn, MD

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11:32	Cancer Genes' Network Commonly Involved in Bone Metastasis of Breast Cancer and Osteoblasts Using Bayesian Network Analysis	Sung Bae Park, MD, PhD
11:42	Intra-operative Molecular Imaging of CNS Tumors of the Skull Base and Brain	John Lee, MD
11:52	Discussion	
12:00	Closing Comments & Save the Date for 2019	Brian Kwon, MD
12:05	Adjourn	