



11th Annual Korean American Spine Society Meeting
July 7-9, 2016 | Rancho Palos Verdes, CA
Final Program

Thursday, July 7th

1:00 pm Registration Marineland Ballroom Foyer
 Exhibit Viewing & Boxed Lunch Marineland Ballroom 2-3

Session 1: The Successful Spine Practice **Marineland Ballroom 1**

Moderator: John Lee, MD

1:30 Welcome Remarks Henry Ahn, MD & John Lee, MD

1:35 Lessons Learned from Treating LBP Patients Howard An, MD
 Over 28 Years of Practice

1:45 Transitioning to Spine Ambulatory Surgery Douglas Won, MD
 Centers: The Pros and Cons.

1:55 Setting up a Successful Private Spine Practice: Jae Lim, MD
 The ABCs. Tips from A Senior Surgeon

Free Papers

2:10 Free Paper #1: Percutaneous endoscopic lumbar Jin-Sung Kim, MD
 discectomy as an alternative to open lumbar
 microdiscectomy for large lumbar disc herniation

2:16 Free Paper #2: Trans-sacral epiduroscopic laser Jung-Woo Hur, MD
 decompression (SELD) for the treatment of symptomatic
 lumbar disc herniations (LDH): single center experience of
 clinical and radiologic results in minimum 12-months follow-up

2:22 Discussion

Session 2: Multi-Modal Pain Management in Spine Surgery **Marineland Ballroom 1**

Moderator: Isaac Yang, MD

2:30 Reducing the Length of Stay and Cost Associated Peter Whang, MD
 with Spine Surgery

2:45 Discussion

2:50 Novel Techniques and the Importance of the Team Peter Whang, MD
 Approach for Managing Post-operative Pain

3:10 Discussion



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Thursday, July 7th continued

- 3:20 Re-do Spine Surgery or Spinal Cord Stimulation: Case Presentation and Review of the Literature Michael Oh, MD
- 3:30 Discussion
- 3:35 **Refreshment Break & Exhibit Viewing** **Marineland Ballroom 2-3**
- Session 3: How I Manage Cervical Radiculopathy Foraminal Stenosis** **Marineland Ballroom 1**
Moderator: Se-Hoon Kim, MD
- 3:55 An Endoscopic Approach – Pearls and Tips Hae-Dong Jho, MD
- 4:10 A Tubular Approach – Pearls and Tips Paul Kim, MD
- 4:25 Q&A
- Session 4: Preventing and Managing Complications in Cervical Spine Surgery** **Marineland Ballroom 1**
Moderator: Se-Hoon Kim, MD
- 4:35 Vertebral Artery Injury Joon Yung Lee, MD
- 4:45 Adjacent Segment Degeneration Kee Kim, MD
- 4:55 Discussion
- Session 5: Cervical Spine Free Papers** **Marineland Ballroom 1**
Moderator: Jung Yoo, MD
- 5:05 Free Paper #3: Predictors of Extended Hospital Stay after Cervical Disc replacement or Anterior Cervical Discectomy and Fusion: Results from 1,004 Patients in an FDA Trial S. Tim Yoon MD, PhD
- 5:11 Free Paper #4: Biomechanical Analysis of Anterior Cervical Discectomy and Fusion Supplemented with Machined Intrafacet Allograft Spacers Raymond J. Hah, MD



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Thursday, July 7th continued

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| 5:17 | <u>Free Paper #6</u> : Validation of a patient based survey to evaluate post-operative dysphagia, odynophagia, and voice disability in patients undergoing anterior cervical neck surgery | Choll Kim, MD |
| 5:23 | <u>Free Paper #7</u> : Catastrophic Bilateral C5 palsy (MMT Grade 1) after Cervical Artificial Disc Replacement for Three-level Foraminal Stenosis: Video Presentation, Possible Pathophysiology, and Follow-up Result | Sang-Hyun Keem, MD PhD |
| 5:29 | Discussion | |
| 5:45 | Adjourn | |
| 5:50 – 7:00 | Welcome Cocktail Reception | Marineland Ballroom 2-3 |



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Friday, July 8th

7:00 am Registration Marineland Ballroom Foyer
 Exhibit Viewing & Coffee Marineland Ballroom 2-3

Session 6: MIS Spine **Marineland Ballroom 1**

Moderator: Jin-Sung Kim, MD

7:30 Opening Remarks

7:35 Reducing Neurologic Complications with Lateral Stephen Ryu, MD
 Approaches to the Spine

7:45 Tips and Tricks with MIS Posterior Fixation T2 Jeffrey Roh, MD
 to Pelvis and Percutaneous Rod Insertion

7:55 Discussion

8:00 What is The Best Interbody Approach for L5-S1 Brian Kwon, MD
 in an MIS Approach to Degenerative Scoliosis (Boston)
 (OLIF, ALIF, TLIF)

8:10 Is It Ever Needed? Posterior Decompression Following James Mok, MD
 Lateral Interbody Approaches for Degenerative Scoliosis

8:20 Discussion

8:25 Endoscopic Lumbar Microdiscectomy – Choll Kim, MD
 How I Do It: Transforaminal

8:35 Endoscopic Lumbar Microdiscectomy – Jin-Sung Kim, MD PhD
 How I Do It: Translaminar

8:45 Discussion

8:50 **Free Papers**
Free Paper #10: Minimally invasive oblique lateral Jin-Sung Kim, MD PhD
 interbody fusion with assistance of spinal endoscope:
 Surgical pitfalls and preliminary results

8:56 Free Paper #11: Bowel Complications following LLIF Sean Keem, MD



11th Annual Korean American Spine Society Meeting
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Final Program

Friday, July 8th continued

9:02 Free Paper #13: The Effect of Capacitively Coupled (CC) Electrical Stimulation on Human Intervertebral Disc Cells and the Relationship between CC and BMP S. Tim Yoon MD, PhD

9:08 Discussion

Session 7: Non CME Workshops with Breakfast

9:15 Workshop # 1: Medyssey New Products – 3D Printing Cage Point Vicente Room 1
Faculty: Kee Kim, MD
Supported by: Medyssey

Workshop # 2: iGA: Computer Assisted Technologies to Drive Reproducible Sagittal Alignment Point Vicente Room 2
Faculty: Stephen I. Ryu, MD
Supported by: NuVasive

Workshop # 3: Inspired by Biology, Enabled by Technology, Built to Fuse Point Vicente Room 3
Faculty: James M. Mok, MD
Supported by: Stryker

10:05 Walking Break

Session 8: Symposium: Medical Innovation and Bringing an Idea to Market **Marineland Ballroom 1**
Moderator: Jeffrey Roh, MD

10:15 **Introductions:**
Simon Robinson, Mark Han, & Dhileep Sivam, Intuitive IP

10:20 **Panel Discussion:** The ABCs of Working with Companies, Starting your Own Company, Protecting your IP, & Commercialization of your IP

Session 9: KSNS Symposium **Marineland Ballroom 1**

11:05-11:55 Speakers: Se-Hoon Kim, MD; Sang-Deok Kim, MD; Sung-Bum Kim, MD; Jung-Kil Lee, MD



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Friday, July 8th continued

	Vertebral Body Reconstruction Using Expandable Cage in Unstable Lumbar Burst Fracture via Single-Stage Posterior Approach	Se-Hoon Kim, MD
	Minimally Invasive Non-fusion Technique for Noncontiguous Burst Fracture – Case Report	Sang-Deok Kim, MD
	<u>Free Paper #5</u> : The Relationship between the Deep Paraspinal Muscles of the Cervical Spine and Fusion Rate after Anterior Decompression and Fusion	Sung-Bum Kim, MD
	<u>Free Paper #9</u> : Posterior lumbar corpectomy and reconstruction with two small cages	Jung-Kil Lee, MD
11:55	Business Meeting	Marineland Ballroom 1
12:05 pm	Adjourn Boxed Lunches Available in Exhibit Hall	
12:30	Depart for Annual Golf Tournament at Trump National Golf Club	
7:00	Annual Banquet <i>Guest Speaker: Joo Sung Maeng, FBI</i>	Marineland Ballroom 2-3



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Saturday, July 9th

7:00 am Registration Marineland Ballroom Foyer
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Session 10: International Update **Marineland Ballroom 1**

7:30 Opening Remarks

7:35 North Korea Update Kevin Yoo, MD

7:45 World Health Assembly Resolution 68.15:
 Implications for Spine Care in Resource-limited Settings Kee Park, MD

7:55 Discussion

Session 11: Biologics and Spine **Marineland Ballroom 1**

Moderator: Brian Kwon, MD (Vancouver)

8:05 On the Horizon – Disc Regeneration Kee Kim, MD

8:15 Optimizing Spinal Fusion with BMP Alternatives Tim Yoon, MD

8:25 New Perspectives in Stem Cells for Spine and Spinal Cord Yoon Ha, MD

8:35 Discussion

Session 12: Non CME Workshops with Breakfast

8:50 Workshop # 4: OLIF25™/51™: Ante-psoas Approach
 to Managing Adult Degenerative and Deformity Spinal
 Conditions with the latest Bone Graft Options Point Vicente Room 1
 Faculty: Peter Whang, MD
 Supported by: Medtronic

 Workshop # 5: Comprehensive Instrumentation for
 L4-L5 Lateral Interbody Cage Insertion Point Vicente Room 2
 Faculty: Michael Hughes
 Supported by: Aegis

 Workshop # 6: TBD Point Vicente Room 3
 Faculty: TBD
 Supported by: Pacira



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Final Program

Saturday, July 9th continued

9:40 Walking Break

Session 13: Spinal Deformity **Marineland Ballroom 1**

Moderator: Howard An, MD

9:50 The Principles and ABC's of Spinal Deformity Stephen Ryu, MD

10:05 How I Manage and Prevent PJK in Adult Degenerative Scoliosis Surgery Y. Jay Kim, MD

10:15 How I Manage High-Grade Lytic Spondylolisthesis Daniel Kang, MD

10:25 Discussion

Session 14: Free Papers **Marineland Ballroom 1**

10:30 Free Paper #14: Can S2-Alar-Iliac (S2AI) Screws Be Placed Accurately Without Fluoroscopy? Daniel Kang, MD

10:36 Free Paper #15: Posterior-Anterior-Posterior Lumbar Surgery for Severe Isthmic Spondylolisthesis: Posterior Decompression and Anterior Spontaneous Reduction. Sang-Hyun Keem, MD PhD

10:42 Discussion

Session 15: Invited Lecturer (from Korea) **Marineland Ballroom 1**

10:47 Surgical Management of Pain and Disability in Cervical OPLL Yoon Ha, MD

11:10 Discussion

Session 16: Free Papers **Marineland Ballroom 1**

Moderator: Stephen Ryu, MD

11:15 Future Directions with Nanotechnology in Spine Surgery Don Park, MD

11:25 Free Paper #16: Urinary Symptoms are Common in Patients Undergoing Elective Spine Surgery and is Not Associated with Cauda Equina Syndrome Jung U. Yoo, MD



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Final Program

Saturday, July 9th continued

11:31	<u>Free Paper #18</u> : The Effect of Malnutrition on Post-operative Outcomes in Patients Undergoing Elective Cervical Spine Surgery	Andrew S. Chung, DO
11:37	Discussion	
11:42	<u>Free Paper #19</u> : What is the Optimal Vasopressor For Augmenting Cord Perfusion After Spinal Cord Injury?	Brian Kwon, MD (Vancouver)
11:48	<u>Free Paper #20</u> : Adipose-Derived Mesenchymal Stromal Cells Seeded on Demineralized Bone Matrix Persist and Differentiate When Implanted in a Critical-Sized Rat Femur Defect	Nicole Ehrhart, MD
11:54	Discussion	
11:59	Raffle Prize Drawing	Henry Ahn, MD & John Lee, MD
	Closing Comments	Jeff Roh, MD
12:15 pm	Adjourn	