

Program

THURSDAY, MARCH 10, 2022

12:45 pm Registration & Exhibit Viewing Lost Pines 5 & Foyer

SESSION 1: Acute Traumatic Spinal Cord Injury **Lost Pines 6-8**

1:15 Welcome Remarks

Moderator: Rex Marco, MD

1:20 Optimizing Immobilization, Transport, Positioning, and Intubation in Patients with an Unstable Cervical Spine Injury – *Mark Prasarn, MD*

1:29 The Latest on Steroids, Medications, BP, and Timing in the Management of Acute SCI – *Brian Kwon, MD (Vancouver)*

1:38 What Have We Learned from the Multi-Center Patient Registry in Canada: The Rick Hansen SCI Registry – *Henry Ahn, MD*

1:47 Surgical Pearls: C1 and C2 Instrumentation – *Carl Lauryssen, MD*

1:56 Discussion

SESSION 2: SCI Post-Acute Management – What the Surgeon Should Know **Lost Pines 6-8**

Moderator: Henry Ahn, MD

2:10 History and Future of Advocacy in Spinal Cord Injury – *Esther Kim, MD*

2:19 The Role of PT in SCI – *Lauren Szot, PT, DPT*

2:28 The Role of OT in SCI – *Liza Criswell, OTR, ATP*

2:37 The Role of PM&R in Acute/Subacute SCI – *Matthew Davis, MD*

2:46 Functional Electrical Stimulation in SCI – *Lauren Norris, PT, DPT*

2:55 Discussion

SESSION 3: Special Session **Lost Pines 6-8**

Moderator: Rex Marco, MD

3:10 My Experience and SCI Resources – *Rex Marco, MD*

3:40 Walking Break

Program

SESSION 4: Non-CME Workshops

Lost Pines 1-3

- 3:45 Workshop #1: One Size Does Not Fit All – Selecting the Right Biologic for Your Patient and Procedure
Peter Whang, MD, FACS, FAAOS
Supported by: Medtronic
- 4:05 Workshop #2: MoRe[®] Superalloy- Disrupting and Transforming Spine Surgery and Healthcare
James Mok, MD, MBA
Supported by: MiRus

4:25 **Refreshment Break & Exhibit Viewing**

Lost Pines 5

SESSION 5: Promising SCI Research

Lost Pines 6-8

Moderator: Hyun Bae, MD

- 4:45 Update on Stem Cells for SCI - *Michael Fehlings, MD*
- 4:54 Bioresorbable Polymer Scaffold in Complete Thoracic SCI – *Kee Kim, MD*
- 5:03 Gene Therapy for SCI – *Yoon Ha, MD (via video)*
- 5:12 Implantable SC Stimulator in SCI – *Dimitry Sayenko, MD*
- 5:21 Reanimation Strategies in SCI – *Kevin Swong, MD*
- 5:30 Discussion

SESSION 6: Health Care in the United States

Lost Pines 6-8

Moderator: James Mok, MD

- 5:45 The Future of Health Care in the United States – *Eric Hargan, JD, Former United States Deputy Secretary of Health and Human Services*
- 6:05 Architecture of Health and Human Services – *Thomas Keane, MD, MBA. Clinical Officer, Department of Health and Human Services*
- 6:25 Q&A
- 6:35 – 7:35 **Welcome Reception in Exhibit Hall**

Lost Pines 5

Program

FRIDAY, MARCH 11, 2022

6:30 am Breakfast in Exhibit Hall **Lost Pines 5**

7:10 Opening Remarks

SESSION 7: Preventing Iatrogenic Neurologic Injury **Lost Pines 6-8**

Moderator: Don Park, MD

7:15 Cervical Myeloradiculopathy – *Howard An, MD*

7:24 Cervical Disc Replacement – *Hyun Bae, MD*

7:33 Cervical Deformity – *Dan Riew, MD*

7:42 LLIF
& Prone Trans-Psoas – *Luiz Pimenta, MD*

7:57 Discussion

8:10 Minimally Invasive Surgery – *Jeff Roh, MD*

8:19 Outpatient Spine Surgery – *Youjeong Kim, MD*

8:28 Pediatric Scoliosis – *Bob Cho, MD*

8:37 Discussion

SESSION 8: Free Papers: Biologics **Lost Pines 6-8**

Moderator: Kee Kim, MD

9:00 Paper #1: Lumbar Posterolateral Fusion Procedures using a Bioactive Fiber-Based Bone Graft Substitute: A Multi-Center, Retrospective Clinical Evaluation – *Hyun Bae, MD*

9:04 Paper #2: Clinical Outcomes and Fusion Assessment of Lumbar Interbody Fusion with a Novel Hydroxyapatite Infused PEEK Interbody Device Material – *Makenna Isley, BS*

9:08 Paper #3: Utilizing Big Data to Determine the Safety Profile of Recombinant Human BMP-2 in Spinal Fusion Surgery: An Analysis of 5 Databases from 2003 to 2017 – *Don Park, MD*

9:12 Paper #4: Cellular Based Allografts May Increase Fusion Potential in Anterior Cervical Discectomy and Fusion – *Maximillian Lee, BS*

9:16 Discussion

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SESSION 9: Degenerative Cervical Myelopathy **Lost Pines 6-8**

Moderator: Dan Riew, MD

- 9:26 DCM Update – *Michael Fehlings, MD*
- 9:35 DCM: When Do I Choose Anterior, Posterior, or Combined Approach – *Tom Cha, MD*
- 9:44 Endoscopic Decompression in DCM – *Luke (Jin Sung) Kim, MD (via video)*
- 9:53 DEBATE: Laminoplasty Versus PCDF for DCM
- Laminoplasty – *Tom Cha, MD*
- PCDF – *Andrew Chung, MD*
- 10:05 DEBATE: Acute Central Cord Syndrome
- Early Decompression – *Don Park, MD*
- Late Decompression - *Sang Hun Lee, MD*
- 10:17 Discussion
- 10:26 Walking Break

SESSION 10: Non-CME Workshops **Lost Pines 1-3**

- 10:30 Workshop #1: Pulse Platform: One Technology for Better Surgery
Dr. Stephen Ryu
Supported by: NuVasive
- 10:50 Workshop #2: The Marriage of dualPortal Spinal Endoscopy with dualX TLIF: the dualLIF procedure, an Advancement of Endoscopic Spine Surgery
Dr. Don Young Park
Supported by: Amplify Surgical
- 11:10 Walking Break

SESSION 11: President's Welcome and Address **Lost Pines 6-8**

- 11:15 Welcome New Members
- 11:20 Presidential Address – *James Mok, MD, MBA*

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SESSION 12: My Best Papers and Why

Lost Pines 6-8

Moderator: TBD

- 11:30 *Howard An, MD*
11:38 *Dan Riew, MD*
11:46 *Rex Marco, MD*
11:54 *James Kang, MD (via video)*
12:02 pm *Han Jo Kim, MD*
12:10 Discussion

SESSION 13: "Difficult" Patient Dilemmas

Lost Pines 6-8

Moderator: Jeff Roh, MD

- 12:20 DEBATE: Fusion in Worker's Compensation Patient
 - Does Work - *Daniel Lee, MD*
 - Does Not Work - *Daniel Kang, MD*
12:32 DEBATE: L4-5 Spondylolisthesis in Patient with Severe Osteoporosis
 - Fusion Is Best - *Paul Kim, MD*
 - Never Fuse - *Sung-Joo Yuh, MD*
12:40 DEBATE: Low Energy Unstable VCF in Very Elderly Patient with Severe
 Osteoporosis
 - Operative Treatment - *Kevin Yoo, MD*
 - Non-operative Treatment - *Andrew Mo, MD*
12:52 Discussion

SESSION 14: Free Papers: Complications

Lost Pines 6-8

Moderator: Raymond Hah, MD

- 1:02 Paper #5: Risk factors for Readmission, Reoperation, and Prolonged Hospital Stay
 after Surgical Treatment in Patients with Primary Spinal Infections. An ACS-NSQIP
 Database Review - *Gaston Camino-Willhuber, MD*
1:06 Paper #6: Fusion and Subsidence Rates of Vertebral Body Sliding Osteotomy:
 Comparison of 3 Reconstructive Techniques for Multilevel Cervical Myelopathy
 - *Dong-Ho Lee, MD (virtual)*

17th Annual Meeting of the Korean American Spine Society
March 10-12, 2022

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- 1:10 Paper #7: Lower urinary tract symptoms after thoracic and lumbar spine surgery –
Won Hyung A. Ryu, MD, MSc, MTM
- 1:14 Paper #8: Cost-Effectiveness Of Sacroiliac Joint Stabilization In Patients Undergoing
Multi-Level Lumbar Fusion To The Sacrum – *Peter Whang, MD, FACS, FAAOS*
- 1:18 Discussion

KASS Business Meeting

Lost Pines 6-8

- 1:25 KASS Business Meeting
- 1:30 Lunch
- 2:00 **KASS Games & KASS Golf Tournament**
- 7:00 pm **Annual Dinner** **LBJ Pavilion**
Guest Speaker: Brigadier General John Cho, MD (Ret) **& Lawn**

Program

SATURDAY, MARCH 12, 2022

6:45 am Breakfast in Exhibit Hall

7:20 Opening Remarks

SESSION 15: Tumor **Lost Pines 6-8**

Moderator: TBD

7:30 MSCC: A Critical Review of the Literature – *Justin Bird, MD*

7:39 MOSS: Patient Centered Treatment of MSCC – *Joseph Brindise, MD*

7:48 Use of Carbon Fiber Implants in MSCC and Spine Oncology – *Justin Bird, MD*

7:57 Paper #9: Minimally invasive resection of intradural lesions at the cervicothoracic junction-early short term clinical and radiological outcome pilot study – *Bilal Tarabay, MD*

8:01 Paper #10: Advances in Virtual Cutting Guides and Stereotactic Navigation for Complex Tumor Resections of the Sacrum and Pelvis: Case Series and Review of Literature – *Takashi Hirase, MD, MPH*

8:05 Discussion

SESSION 16: Deformity **Lost Pines 6-8**

Moderator: Serena Hu, MD

8:15 Surgical Decision Making in Adult Spinal Deformity – *Sigurd Berven, MD*

8:24 Technical Tips for the Distal Junction – *Chi Lim, MD*

8:33 Technical Tips to Avoid Proximal Junctional Failure – *Raymond Hah, MD*

8:42 MIS Deformity Surgical Techniques and Outcomes – *Jang Yoon, MD*

8:51 DEBATE: Flatback Deformity with Solid Posterior Fusion

- PSO - *Raymond Hah, MD*

- ACR - *Serena Hu, MD*

9:03 Discussion

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SESSION 17: Free Paper Session

Lost Pines 6-8

Moderator: Brian Kwon, MD (Boston)

- 9:15 Paper #11: Anterior Column Realignment versus Hybrid Minimally Invasive Lateral Lumbar Interbody Fusion for Degenerative Sagittal Imbalance – *Joonghyun Ahn, MD (virtual)*
- 9:19 Paper #12: Stability of Unilateral vs. Bilateral Pedicle Screw Fixation for Multi-Level Lumbar Lateral Interbody Fusion – *Craig Forsthoefel, MD*
- 9:23 Paper #131: The Relative Contribution of Anterior techniques versus Posterior techniques in restoring Spinal Balance in Circumferential Minimally Invasive Surgical (CMIS) Correction of Adult Spinal Deformity (ASD) without Osteotomies – *Andrew Chung, MD*
- 9:27 Discussion
- 9:33 Paper #14: The Effect of Cement Augmentation and Anti-Osteoporotic Medications on Secondary Fracture Rate in Osteoporotic Compression Fractures – *Ray Hah, MD*
- 9:37 Paper #15: The Role of Spinopelvic Parameters in Short-segment Posterior Lumbar Spinal Fusions - A Meta-analysis – *Lee-Onn Chieng, MD*
- 9:41 Paper #16: Management of Lumbar Spondylolysis in the Adolescent Athlete: A Review of over 200 cases – *Jeffrey Choi, MD*
- 9:45 Discussion
- 9:55 Walking Break

SESSION 18: Non-CME Workshops

Lost Pines 1-3

- 10:00 Workshop #1: Surgical Robot CUVIS-spine: Demonstration and Talks of Experiences
Dr. Seong Yi, Dong-gi Woo, Brian Kim, Seong Yi, MD, Anthony Sin, MD
Supported by: Curexo
- 10:20 Workshop #2: Benefits of Utilizing Robotics and Navigation for Advanced Lateral Procedures: Focus on Single Position Lateral
Hoon Choi
Supported by: Globus
- 10:40 **Refreshment Break & Exhibit Viewing** **Lost Pines 5**

Program

SESSION 19: Advanced MIS Techniques

Lost Pines 6-8

Moderator: Stephen Ryu, MD

- 10:55 How to Incorporate Endoscopic Techniques into Practice – *Brian Kwon, MD (Boston)*
- 11:04 Endoscopic Decompression in Severe Lumbar Stenosis – *Hyeun-Sung Kim, MD (via video)*
- 11:13 Cervical Endoscopic Surgery - *Jian Shen, MD*
- 11:22 Endoscopic Decompression for Thoracic HNP – *Luke (Jin Sung) Kim, MD (via video)*
- 11:31 Discussion

SESSION 20: Interesting Topics

Lost Pines 6-8

Boxed lunches provided

Moderator: Esther Kim, MD

- 11:41 The Lessons I've Learned from Changing Practices – *James Mok, MD*
- 11:50 Updates on SI Joint Pain: Diagnosis and Treatment- *Stephen Ryu, MD*
- 11:59 Revision Cervical Disc Arthroplasty – *Daniel Kang, MD*
- 12:08 An Evidence-based Approach to Selection of Osteobiologics for Spinal Fusion – *Wellington Hsu, MD*
- 12:17 Posterior Fixation Alone for the Treatment of Osteomyelitis/Discitis – *Jung Yoo, MD*
- 12:26 Navigation and Robotics Workflow – *Terrence Kim, MD*
- 12:35 Discussion
- 12:45 Closing Comments & Save the Date for 2023 – *Tom Cha, MD*
- 12:50 Adjourn