

KOREAN AMERICAN SPINE SOCIETY

Inaugural Meeting

August 11-13, 2006

**Copper Mountain
Resort**

**Copper Mountain,
Colorado**

Final Program



DEAR SPINE CARE PROFESSIONALS:

On behalf of the Korean American Spine Society (KASS) Program Committee we welcome you to this Inaugural Meeting in picturesque Copper Mountain, Colorado. The founding surgeons, Casey K. Lee, MD, Howard S. An, MD, Hae-Dong Jho, MD, PhD, Hyun Bae, MD, William W. Choi, MD, S. Tim Yoon, MD, PhD and Kee D. Kim, MD formed KASS to share their passion for spine care and promote and share their passion for their culture. KASS' mission is to further spine care through social, academic and cultural exchange.

We hope you will find this inaugural meeting to be exciting and informative.

S. Tim Yoon, MD, PhD
Program Co-chair

Kee D. Kim, MD
Program Co-chair

AUDIENCE AND MEETING PURPOSE

Designed for orthopedic surgeons and neurosurgeons that are of Korean American descent with an abiding interest in spine care.

MEETING OBJECTIVES

Upon the completion of this meeting, participants should be able to:

- Determine the best surgical approach to treat multilevel cervical stenosis and myelopathy between anterior versus laminectomy and fusion versus laminoplasty.
- Identify complications of off-label BMP use in lumbar and cervical spine.
- Assess the best surgical approach to treat lumbar degenerative spondylolisthesis with stenosis choosing between laminectomy and posterior fusion versus laminectomy and PLIF versus laminectomy and Dynesys®.
- State the pros and cons of using high dose methylprednisolone in spinal cord injury cases.
- Define the pros and cons of various surgical treatments for single-level cervical disc herniation with radiculopathy.
- Discuss the recent thinking on whether to operate on patients who have radiographic cervical cord compression without myelopathy.
- Compare three different surgical techniques to treat thoracic disc herniation.
- Explain the rationale for treating thoracolumbar burst fracture without neurologic deficit from either an anterior or posterior approach.

CONTINUING MEDICAL EDUCATION (CME) CREDIT

This activity has been planned and implemented in accordance with the Essentials and Standards of the Accreditation Council for Continuing Medical Education (ACCME) by the Korean American Spine Society. The North American Spine Society (responsible for administering credit for the Korean American Spine Society) is accredited **with commendation** by the ACCME to provide continuing medical education for physicians and takes responsibility for the content, quality and scientific integrity of this CME activity.

NASS designates this continuing medical education activity for a maximum of **7.75 AMA PRA Category 1 Credit(s)TM**. Physicians should only claim credit commensurate with the extent of their participation in the activity.

DISCLAIMER

The material presented at this meeting is made available by KASS for educational purposes only. The material is not intended to represent the only, nor necessarily the best, method or procedure appropriate for the medical situations discussed. It is intended to present an approach, view, statement or opinion of the faculty, which may be helpful to others who face similar situations.

KASS disclaims any and all liability for injury or other damages resulting to any individual attending the meeting, and for all claims which may arise out of the use of the techniques demonstrated therein by such individuals, whether these claims shall be asserted by physicians or any other person.

CORPORATE SUPPORT ACKNOWLEDGEMENT

KASS thanks the following corporate supporter for their generous contribution:

Zimmer Spine

OPENING RECEPTION

The Welcome Reception, dinner and Inaugural Presidential Address will be held Friday, August 11, from 6:30-9:00 PM in the Ponderosa Room.

This Program contains confirmed program content, faculty and presenters as of July 28, 2006. Any further changes to this Program will be announced at the beginning of the session.

All educational sessions will take place in the Bristlecone/Lodgepole Room.

FRIDAY, AUGUST 11

11:00 a.m.

Registration

12:00 p.m.

Lunch

1:00 p.m.

Welcome and Introduction

Casey K. Lee, MD

1:15–2:15 p.m.

Multi-level Cervical Stenosis and Myelopathy

Moderator: S. Tim Yoon, MD

1:15 p.m.

Anterior

Speaker: Brian Kwon, MD

FDA Device/Drug Status: This presentation does not discuss or include any applicable devices or drugs.

1:30 p.m.

Laminectomy and Posterior Fusion

Speaker: Howard An, MD

FDA Device/Drug Status: Posterior lateral mass screw, fixation of cervical spine, laminoplasty plate—All approved.

1:45 p.m.

Laminoplasty

Speaker: K. Daniel Riew, MD

FDA Device/Drug Status: Laminoplasty Plates—Approved.

2:00 p.m.

Discussion

2:15–2:45 p.m.

Complications of Off-Label BMP Use

Moderator: Kee D. Kim, MD

2:15 p.m.

Airway and Swallowing Complications after BMP-2 Fusion in Cervical Surgery

Speaker: John M. Rhee, MD

FDA Device/Drug Status: BMP-2—Not approved.

2:30 p.m.

Discussion

2:45–3:00 p.m.

Break

3:00–4:00 p.m.

Lumbar Degenerative Spondylolisthesis with Stenosis

Moderator: Howard S. An, MD

3:00 p.m.

Laminectomy and Posterior Fusion

Speaker: Not available at time of printing.

3:15 p.m.

PLIF

Speaker: William W. Choi, MD

FDA Device/Drug Status: This presentation does not discuss or include any applicable devices or drugs.

3:30 p.m.

Laminectomy with Dynesys®

Speaker: Daniel Kim, MD

FDA Device/Drug Status: Not available at time of printing.

3:45 p.m.

Discussion

4:00–5:00 p.m.

Dose Methylprednisolone for Spinal Cord Injury

Moderator: Howard S. An, MD

4:00 p.m.

Pros

Speaker: Not available at time of printing.

4:15 p.m.

Cons

Speaker: S. Tim Yoon, MD, PhD

FDA Device/Drug Status: Methylprednisolone—Not approved.

4:30 p.m.

Discussion

4:45 p.m.

Break

5:00 p.m.

Business Meeting

6:30–9:00 p.m.

Welcome Reception and Dinner
Inaugural Presidential Address

7:00 a.m.

**Registration
Continental Breakfast**

7:50 a.m.

Announcements

8:00–8:15 a.m.

Complications of BMP-2 Use in Lumbar Spine
Speaker: Hyun Bae, MD
FDA Device/Drug Status: Not available at time of printing.

8:15–9:10 a.m.

Single-level Cervical Herniation
Moderator: Hyun Bae, MD

8:15 a.m.

Instrumented ACDF
Speaker: Not available at time of printing.

8:30 a.m.

Cervical Lamino-foraminotomy
Speaker: Jon Park, MD
FDA Device/Drug Status: This presentation does not discuss or include any applicable drugs or devices.

8:45 a.m.

Cervical Anterior Microforaminotomy
Speaker: Hae-Dong Jho, MD, PhD
FDA Device/Drug Status: This presentation does not discuss or include any applicable drugs or devices.

9:00 a.m.

Discussion

9:10–9:25 a.m.

Artificial Cervical Disc Replacement: Bryan® Disc
Speaker: Do Heum Yoon, MD
FDA Device/Drug Status: Bryan® Cervical Disc System—Investigational.

9:25–9:55 a.m.

Radiographic Cervical Cord Compression Without Myelopathy
Moderator: Jeffrey S. Roh, MD

9:25 a.m.

Without Surgery
Speaker: Choll W. Kim, MD, PhD
FDA Device/Drug Status: This presentation does not discuss or include any applicable devices or drugs.

9:40 a.m.

With Surgery
Speaker: David H. Kim, MD
FDA Device/Drug Status: Not available at time of printing.

9:55 a.m.

Discussion

10:10–11:05 a.m.

Thoracic Disc Herniation
Moderator: Brian Kwon, MD

10:10 a.m.

Endoscopic
Speaker: Hae-Dong Jho, MD, PhD
FDA Device/Drug Status: This presentation does not discuss or include any applicable drugs or devices.

10:25 a.m.

Open Anterior
Speaker: David H. Kim, MD
FDA Device/Drug Status: Not available at time of printing.

10:40 a.m.

Open Posterolateral
Speaker: Kee D. Kim, MD
FDA Device/Drug Status: This presentation does not discuss or include any applicable drugs or devices.

10:55 a.m.

Discussion

11:05 a.m.

Break

11:15–11:55 a.m.

Thoracolumbar Burst Fracture Without Neurologic Deficit
Moderator: Sean Keem, MD

11:15 a.m.

Anterior
Speaker: Charles W. Cha, MD
FDA Device/Drug Status: This presentation does not discuss or include any applicable devices or drugs.

11:30 a.m.

Posterior
Speaker: Rex Marco, MD
FDA Device/Drug Status: Norian, Kyphoplasty—All approved.

SATURDAY, AUGUST 12 (Continued)

11:45 a.m.
Discussion

12:00–12:40 p.m.
Roundtable Discussion and Case Presentations

12:00 p.m.
Cervical: Complex or Controversial?
Speaker: Howard S. An, MD
FDA Device/Drug Status: Posterior lateral mass screw, fixation of cervical spine, laminoplasty plate—All approved.

12:20 p.m.
Lumbar: Complex or Controversial?
Speaker: Not available at time of printing.

12:40 p.m.
Closing Remarks

12:50 p.m.
Gourmet Boxed Lunches

7:30 p.m.
Dinner Buffet

SUNDAY, AUGUST 13

8:00 a.m.
Breakfast Buffet

DISCLOSURE INFORMATION

As a sponsor accredited by the ACCME, the North American Spine Society (responsible for administering credit for KASS) must ensure balance, independence, objectivity and scientific rigor in all its sponsored activities. Therefore anyone presenting at the Korean American Spine Society Inaugural Meeting must provide disclosures of any financial conflicts of interest and FDA status of drugs/devices discussed. Disclosure information will be made available orally before the presentation begins and is printed in this program.

FDA DISCLOSURE

If a device or drug requiring FDA approval is identified as an important component of your presentation you must indicate the FDA status for its use, as it will be discussed in this presentation. You will be required to provide the name of the devices and/or drugs in your presentation requiring FDA approval, along with the status of “Approved for this indication,” “Investigational” or “Not Approved” for use as discussed in the presentation.” This information is listed in this final program.

COMMERCIAL SUPPORT DISCLOSURE

KASS requires all authors to disclose all financial relationships they have regardless of whether it affects the specific presentation being given at this meeting. The principal aim of the policy is to provide uniform and complete disclosure of financial relationships among all faculty presenting at all meetings being sponsored by the North American Spine Society.

The intent of this policy is to encourage disclosure of situations in which there is even the potential for bias, without any implications regarding actual bias. The establishment of uniform disclosure requirements frees individuals from having to decide which relationships might influence his or her decision-making and which are irrelevant.

CONFLICT OF INTEREST DISCLOSURE INDEX

This index lists all disclosure information for all faculty speaking at the KASS meeting.

Financial Conflict of Interest Disclosure Key

Direct or indirect remuneration

- a. Royalties
- b. Stock ownership (options, warrants)
- c. Consulting fees
- d. Loans from the sponsor
- e. Speaking arrangements

Holding a position in a company

- f. Board of Directors
- g. Scientific Advisory Board
- h. Other office in the company

Receiving support from sponsors

- i. Endowments
- j. Research support for investigator salary
- k. Research support for staff and materials
- l. Discretionary funds
- m. Support of clinical staff or training
- n. Trips/travel
- o. Other sponsorship

Degree of Support

1. None: less than \$250 per year.
2. Minor: \$250 up to \$10,000 total support (from all sources combined) per year, or less than or equal to 5% company ownership if value of ownership is less than or equal to \$10,000.
3. Major: more than \$10,000 total support (from all sources combined) per year, or more than 5% company ownership.

Ahn, Nicholas: Not available at time of printing.

An, Howard S.: a3—U&I, Inc.; b2—U&I, Inc., Annulex, Inc., NSpine, Inc., Spinal Kinetics, Inc., Articular Engineering LLC; c2—Zimmer Spine, Stryker Spine, Inc.; f1—Articular Engineering LLC; g1—Spinal Kinetics, Inc., NSpine, Inc.; i3—Rush University Medical Center; k3—Zimmer Spine, Medtronic, DePuy Spine, Stryker, Inc.

Bae, Hyun: Not available at time of printing.

Cha, Charles: No COI declared.

Choi, William W.: k2—EBI.

Jho, Hae-Dong: No COI declared.

Keem, Sean: No COI declared.

Kim, Choll W.: No COI declared.

Kim, Daniel: Not available at time of printing.

Kim, David H.: Not available at time of printing.

Kim, Kee D.: c2—Blackstone Medical; m3—Synthes Spine.

Kwon, Brian: c2, e2, k3, m2, n2—DePuy Spine, Stryker Spine; k3, m2, n2—Zimmer Spine.

Marco, Rex: c2—Synthes Spine, DePuy Spine; i3, k2—Spine and Extremity Tumor Research Endowment, Spine Research Foundation.

Park, Jon: b3, g2—DFine.

Rhee, John M.: No COI declared.

Roh, Jeffrey S.: No COI declared.

Riew, K. Daniel: a3—EBI; c3, k3—Medtronic.

Yoon, Do Heum: No COI declared.

Yoon, S. Tim: No COI declared.