

KOREAN AMERICAN SPINE SOCIETY
ANNUAL MEETING
FINAL PROGRAM



JULY 20-21, 2007
ORLANDO WORLD CENTER MARRIOTT RESORT
ORLANDO, FLORIDA

DEAR SPINE CARE PROFESSIONALS:

On behalf of the Korean American Spine Society (KASS) Program Committee we welcome you to our second Annual Meeting in sunny Orlando, Florida! The founding surgeons, Casey K. Lee, MD, Howard An, MD, Hae-Dong Jho, MD, PhD, Hyun Bae, MD, William 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 our second meeting to be exciting and informative!

John M. Rhee, MD
Program Co-chairman

Jon Park, MD
Program Co-chairman

AUDIENCE

This meeting is designed for orthopedic surgeons and neurosurgeons who 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:

- Consider various options in the treatment of patients with single-level degenerative spondylolisthesis and discogenic low back pain.
- Compare different treatment options for complex cervical spine cases such as osteotomies, occipitocervical fusion and cervical tumors.
- Describe common and uncommon complications associated with cervical spine surgery.
- Identify future trends in spine surgery.
- Consider various options in the treatment of patients with single-level myelopathy and radiculopathy in the cervical spine.
- Cite information on complex spine surgery topics.

This Program contains confirmed program content, faculty and presenters as of July 1, 2007. Any further changes to this Program will be announced at the beginning of the session.

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 (NASS) is responsible for administering the credit for this meeting and 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 educational activity for a maximum of 7.5 *AMA PRA Category 1 Credits*[™]. Physicians should only claim credit commensurate with the extent of their participation in the activity.

The American Medical Association has determined that physicians not licensed in the U.S. who participate in this CME activity are eligible for *AMA PRA Category 1 Credits*[™].

The AANS attests that this educational activity has been recognized for co-sponsored endorsement for 7.5 *AMA PRA Category 1 CME Credit(s)*[™] of the AANS' Continuing Education Award in Neurosurgery.

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 supporters for their generous contributions:

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OPENING RECEPTION

The Welcome Reception and dinner will be held Friday, July 20, from 7:30-10:30 p.m. in the Grand Cayman/Puerto Rico Room.

All educational sessions will take place in the Aruba-Bahamas Room and all meal functions will take place in the Grand Cayman/Puerto Rico room.

FRIDAY, JULY 20

12:30 p.m.

Registration and Lunch

1:30 p.m.

Welcome and Introduction

Casey K. Lee, MD

1:40-2:35 p.m.

Single-level (Gr. I-II) Degenerative Spondylolisthesis

Moderators: Mark Chang, MD; John Rhee, MD

1:40 p.m.

Decompression Only—This is Really Minimally Invasive but Maximally Beneficial Most of the Time

Speaker: Hae-Dong Jho, MD, PhD

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

1:50 p.m.

MIS TLIF—Why it is Not Just a Fad but the Real Deal

Speaker: Jin Hwan Kim, MD

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

2:00 p.m.

Open Posterolateral Fusion—Why the Old Standard is Still the Gold Standard

Speaker: James Mok, MD

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

2:10 p.m.

Open PLIF or TLIF—Why Maximally Invasive is Best

Speaker: S. Tim Yoon, MD, PhD

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

2:20 p.m.

Discussion

2:35-3:25 p.m.

Single Level Discogenic LBP

Moderator: Paul Cho, MD

2:35 p.m.

Why I Prefer the Posterior Approach

Speaker: Casey K. Lee, MD

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

2:45 p.m.

Why I Prefer ALIF

Speaker: Charles Cha, MD

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

2:55 p.m.

Why I Prefer Total Disc Replacement

Speaker: Hyun Bae, MD

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

3:05 p.m.

Why I Never Operate on these People

Speaker: Jung U. Yoo, MD

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

3:15 p.m.

Discussion

3:30-3:45 p.m.

Surgical Management of Syringomyelia with Chiari I Malformation

Speaker: Sang Jin Kim, MD

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

3:45-4:05 p.m.

Break

4:05-4:45 p.m.

Complex Cervical Spine Surgery

Moderator: Sean Keem, MD

4:05 p.m.

Spine Nerve Root Blocks

Speaker: K. Daniel Riew, MD

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

4:15 p.m.

Occipitocervical Fusion Techniques

Speaker: Jon Park, MD

FDA Device/Drug Status: Posterior cervical lateral mass screws — Approved.

4:25 p.m.

Surgical Management of Cervical Tumors

Speaker: Howard An, MD

FDA Device/Drug Status: OP-1 for disc repair — Investigational.

4:35 p.m.

Discussion

4:45-5:30 p.m.

Complications Of Cervical Surgery

Moderator: Sunny Kim, MD

4:45 p.m.

Dysphagia and Airway Disturbances After Anterior Cervical Surgery

Speaker: Brian Kwon, MD

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

4:55 p.m.

C5 (and Other) Root Palsy After Anterior or Posterior Surgery: Etiology and Management

Speaker: Youjeong Kim, MD

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

5:05 p.m.

Vertebral Artery Injuries

Speaker: Seung Hwan Yoon, MD

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

5:15 p.m.

Panel Discussion

5:30 p.m.

Business Meeting

6:15 p.m.

Meeting Adjourns

7:30 p.m.

Welcome Reception and Dinner

SATURDAY, JULY 21

12:30 p.m.

Registration and Networking Lunch

1:30 p.m.

Announcements

1:40-2:50 p.m.

The Future of Spine Surgery

Moderators: John Rhee, MD; Seong-Jun Ahn, MD

1:40 p.m.

New Frontiers in Disc Regeneration

Speaker: S. Tim Yoon, MD, PhD

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

1:55 p.m.

Gene Therapy Update

Speaker: James Kang, MD

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

2:10 p.m.

Discussion

2:20 p.m.

Nucleoplasty: Is it a Good Idea?

Speaker: Youjeong Kim, MD

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

2:30 p.m.

Dynamic Stabilization: Does it Make Sense?

Speaker: Kee D. Kim, MD

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

2:40 p.m.

Discussion

2:50-3:56 p.m.

Spine Controversies: Single Level Myelopathy or Radiculopathy in the Cervical Spine

Moderator: Dan Riew, MD

Elderly patient with Odontoid Fracture

2:50 p.m.

Operate

Speaker: Jae Lim, MD

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

3:00 p.m.

Do Not Operate

Speaker: William W. Choi, MD

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

3:10 p.m.

Discussion

3:20 p.m.

Why ACDF is Best

Speaker: Paul Suh, MD

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

3:33 p.m.

Why Disc Replacement is Better

Speaker: John Rhee, MD

FDA Device/Drug Status: Anterior cervical plates—Approved; Cervical disc replacement—Investigational.

3:46 p.m.

Discussion

3:56-4:25 p.m.

Pediatric Spinal Deformity

Moderator: Casey K. Lee, MD

3:56 p.m.

Non-fusion Alternatives for Treating Childhood Scoliosis

Speaker: Paul Choi, MD

FDA Device/Drug Status: VEPTR—Approved; Spinal instrumentation—Not Approved.

4:16 p.m.

Discussion

4:25-4:40 p.m.

The Effect of Selective Epidural Hypothermia on Neural Apoptosis after Spinal Cord Injury in Rats

Speaker: Kee Yong Ha, MD

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

4:40-5:00 p.m.

Break

5:00-6:30 p.m.

Complex Topics in Spine Surgery

Moderator: Yong H. Kim, MD

5:00 p.m.

Managing L5-S1 in Long Fusion Constructs: When to go Front-Back or Do a TLIF/PLIF Instead

Speaker: Rex A. W. Marco, MD

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

5:15 p.m.

Sagittal Imbalance in the Adult: When Front-Back is Enough, Versus When to do Smith-Peterson Osteotomies Versus Pedicle Subtraction Osteotomies

Speaker: Yongjung Kim, MD

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

5:30 p.m.

Discussion

5:45 p.m.

Indications for Neural Monitoring in the Cervical Spine

Speaker: Jeffrey Roh, MD

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

6:00 p.m.

Spinal Cord Injury Research Update

Speaker: Brian Kwon, MD

FDA Device/Drug Status: Cethrin, Minocycline—Not Approved.

6:15 p.m.

Discussion

6:30 p.m.

Meeting Adjourns

7:30 p.m.

Dinner 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 Annual Meeting must provide disclosures of all 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 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, Seong-Jun: Not available at time of printing.
An, Howard: a3–U&I Inc.; c2–Stryker, Inc., Zimmer Spine, Inc.; f3–Articular Engineering, Inc.; g2–N Spine, Inc., Stryker Biotech, Inc., Soinal Kinetics, Inc.; i3–Rush University Medical Center; k3–Stryker, Inc.; m3–Medtronic, Inc., DePuy Spine.
Bae, Hyun: Not available at time of printing.
Cha, Charles: No conflicts declared.
Chang, Mark: No conflicts declared.
Cho, Paul: No conflicts declared.
Choi, Paul: No conflicts declared.
Choi, William W.: c2, e2–Biomet Spine, Stryker Spine.
Ha, Kee Yong: No conflicts declared.
Jho, Hae-Dong: No conflicts declared.
Kang, James: k3–Medtronic.
Keem, Sean: c2, n2, o2–NuVasive; e3, g3–DePuy Spine.
Kim, Jin Hwan: No conflicts declared.
Kim, Kee D.: Not available at time of printing.
Kim, Sang Jin: No conflicts declared.
Kim, Sunny: No conflicts declared.
Kim, Yong H.: c2–Biomet Spine.
Kim, Yongjung: Not available at time of printing.
Kim, Youjeong: No conflicts declared.
Kwon, Brian: c2, k3–Medtronic.
Lee, Casey K.: c2–Stryker Spine; f3–Nexgen Spine.
Lim, Jae: No conflicts declared.
Marco, Rex: k2–Synthes; m3–Fellowship–Synthes, Danek, DePuy.
Mok, James: Not available at time of printing.
Park, Jon: e2, k3–DePuy Spine; g2–Dfine, Inc.; k3–Interventional Spine.
Rhee, John: a3–Biomet Spine.
Riew, K. Daniel: a2, b3–Osprey Corporation; a3–EBI; k3–Medtronic Sofamor Danek.
Roh, Jeffrey: No conflicts declared.
Suh, Paul: b3–K2M; c3–Biomet Spine.
Yoo, Jung U.: Not available at time of printing.
Yoon, Seung Hwan: No conflicts declared.
Yoon, S. Tim: c2–Medtronic, Stryker; m3–Synthes, Abbott Spine.



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