

3<sup>rd</sup> Annual KASS Meeting. Scientific Program  
KASS, and Korean Neuro and Ortho Spine Society Meeting  
Location: Royal Lahaina Hotel. Hawaii 2008  
Time: July 17-19<sup>th</sup> 2008

General Time Schedule.

Overall : 7:30 AM to 11:30 AM  
Session A: 7:30 to 8:30 AM  
Breakfast: 8:30 to 8:45 with Family.  
Free Paper: 8:45 to 10:15 AM  
Break: 10:15 to 10:30 AM  
Session B: 10:30 to 11:30AM

Detailed Scientific Session.

Day 1:

7:30 -7:40 Welcome Announcement **Hae Dong Jho**  
7:40 – 8:30 Session A Moderators: **Sang-Jin Kim** and **Hae-Dong Jho**

Odontoid fracture case presentation: 40 y.o. with type II. Min displaced.

1. Treat in halo. 5 minutes **Youjeong Kim**

2. Treat with odontoid screw. 5 minutes: **Kee Kim**

Discussion 10 minutes

Myoarchitectonic Spinolaminoplasty 20 min **Phyo Kim**

Questions: 10 min

8:30 to 8:45: 15 min breakfast with Family.

8:45 – 10:15: Free Paper Sessions Moderator: **Chun-Kun Park** and **Jae Won You**

Undetected Vertebral Artery Groove and Foramen Violations during C1 Lateral Mass and C2 Pedicle Screw Placement. **Jin S. Yeom,**

Endoscopic Endonasal Resection of the Odontoid Process via One Nostril

Ho-Gyun Ha

Anterior Cervical Foraminotomy for Cervical Radiculopathy: Transuncal Approach versus Upper Vertebral Transvertebral Approach; 5 years Follow-Up

Woo-Kyung Kim

Maintaining sagittal alignment of the functional spinal unit and overall sagittal balance of the cervical spine with a Bryan cervical prosthesis.

Seok Woo Kim,

The change of sagittal balance in whole spine after cervical disc prosthesis

Chun-Kee Chung

Technical modifications of open-door laminoplasty can reduce the development of postoperative transient C5 palsy.

Youn-Kwan Park

Strategies for Management for Vascular Injury During Spinal Surgery. Hak-Sun Kim

-----Q & A

Automated pressure-controlled discography.

**Dong-Ah Shin**

Endoscopic Transforaminal Suprapedicular Approach in High Grade Inferior Migrated Lumbar Disc.

**Hoon Joy**

Contralateral Direct Fragmentectomy via an Extreme Transforaminal Full-endoscopic Access for Far-inferiorly Disc Herniations.

Kyeong-Seong Yeom

Transdural approach for upper lumbar disc herniation.

Jung-Kil Lee

Spine surgery in North Korea

**Kee Park**

10:15 – 10:30 Coffee Break

10:30 – 11:30 Session B Moderator: **Kee-Yong Ha** and **Won-Han Shin**

1) blindness following posterior operations 8 min: **Sean Keem**

- 2) C5 palsies 8 min **Gerard Jeong**
- 3) Vertebral artery injuries 8 min **Brian Kwon (Boston)**
- 4) complications of artificial disc replacement 8 min: **Peter Whang**
- 5) Horner's syndrome 8 min: **Sunny Kim (surgeon)**

Discussion 20 min

11:30 AM - End

## Day 2

7:30 – 8:30 Session A Moderator **Byung-Joon Shin** and **Jon Park**

35 y.o with L5-S1 Degenerative DD with severe LBP who failed 2 years of conservative Therapy. 5 min each

- 1. . More conservative treatment **Michael Lim**
- 2. ALIF only **David Kim**
- 3. Trans 1. **James Mok**
- 4. PLIF minimally invasive **Kevin Yoo**
- 5. Arthroplasty **Hyun Bae**
- 6 Intra Discal Injection with Biologics **Howard An**

Discussion and Audience Vote:

8:30-8:45 AM Breakfast with Family

8:45 – 10:15: Free Paper Sessions Moderator: **Howard An** and **Whan Eoh**

A Porcine Intervertebral Disc Degeneration Model Induced by Annular Injury:

Characterization with MRI and Histopathologic Findings. **Seung-Hwan Yoon**

Intervertebral Discs Regeneration of Adipose Tissue-Derived Stromal Cell Implantation into the Rat Coccygeal Degeneration Model. **Je-Hoon Jeong**

Notochordal Cells Stimulate Migration of Cartilage Endplate Chondrocytes

of the Intervertebral Disc in In Vitro Cell Migration Assays. **Ki-Won Kim**

-----Q & A

Correlation of the Degree of Listhesis and L4-L5 Facet Fluid Detected on Magnetic Resonance Imaging(MRI) in Degenerative Spondylolisthesis. **Bo-Young Cho**

Degenerative Findings of 3-Tesla Magnetic Resonance Imaging of Lumbar Spine within Asymptomatic Volunteers in Korean. **Tae-Hoon Lee**

Degenerative Spondylosthesis In the General Population. **Jung Yoo**

Management of lumbar stenosis with and without spondylolithesis at Group Health **Kyle Kim**

Decompression for lumbar spinal stenosis and degenerative Spondylolisthesis using spinous process osteotomy technique. **Hwan-Mo Lee**

Radiological and clinical results of Pedicle Screw Instrumentation with Posterolateral fusion in lumbar spine

- A 5- to 20-year follow-up - **Chang-Nam Kang**

Minimum ten year follow-up study after pedicle screw fixation and fusion for degenerative lumbar diseases. **Byung-Joon Shin**

Posterior Lumbar Interbody Fusion using Morselized Allograft mixed with Autologous Bone Marrow and Impaction Grafting Technique **Yong soo Choi,**

Radiographic changes of adjacent upper segment performed short segmental lumbosacral fusion -Does total laminectomy influence adjacent upper segmental instability?- **Dae-Woo Hwang**

The role of unilateral hemilaminectomy for removal of tumors in the spinal canal **Soo-Bin Im**

Clinical experience of total en-block spondylectomy for thoracolumbar vertebral body tumors (17 consecutive cases: pitfalls for preventing neurological deficits) **Keung-Nyun Kim**

10:15 – 10:30 Coffee Break

10:30 – 11:30 Session B Moderator **Hyung-Chun Park** and **Hyun Bae**

1. 65 y.o. Grade I L3-4 Spondylolisthesis with Intermittent claudication. 5 min each.

- 1. Minimally Invasive decompression Only. **Daniel Lee**
  - 2. Posterior Fusion only. **Jeff Roh**
  - 3. Extreme lateral interbody fusion w/wo posterior inst. **Tim Yoon**
  - 4. X-stop or other interspinous decompressive device **Edward Chung**
- Discussion and Vote

2. 60 y.o Metastatic Spine disease from breast CA with 2 consecutive levels of tumor of which one level is collapsed. +Severe Back pain but no myelopathy. Life expectancy is 8 months.

- 1. Vertebro/kyphoplasty and XRT **Rex Marco**
  - 2. Stereotactic Radiosurgery **Stephen Ryu**
  - 3. Open decompression and circumferential stabilization **Brian Kwon (Vancouver)**
- Discussion and Vote

11:30 AM - End

Day 3:

7:30 – 8:30 Session A Moderators: **Kit Song** and **Geum-Sung Song**

Surgical correction of spinal sagittal deformity: 10 min each

- 1. Special consideration in correction of ankylosing spondylitis. **Ki-Tack Kim**
- 2. When & How do we surgery in dynamic sagittal imbalance(lumbar degenerative kyphosis) ? **Whoan Jeang Kim**

Severe angular kyphosis (post-tbc)with impending paraplegia

- |                               |              |
|-------------------------------|--------------|
| 3. Conservative Tx only       | Kee-Yong Ha  |
| 4. Decompression only         | Choon Ki Lee |
| 5. Decompression & correction | Eung Ha Kim  |

8:30-8:45 Breakfast with Family

8:45 – 10:15: Free Paper Sessions Moderators **Casey Lee** and **Choon-Ki Lee**

Use of the VEPTR as a growing rod - spine to spine construct, early experience. **Kit Song**

Posterior Multilevel Vertebral Osteotomy for Correction of Severe and Rigid Neuromuscular Scoliosis -A Preliminary Study. **Seung Woo Suh,**

Posterior Surgery of Neurologically Compromised Osteoporotic Kyphosis -Posterolateral Decompression and Stabilization using Titanium Mesh- **Jung-Hee Lee,**

-----Q & A

Intramedullary injection of neural stem cells improves survival and neurologic function in the SOD1 model of ALS **John Yu**

Cerebrospinal Fluid Drainage and Pressure Monitoring After Acute Human Spinal Cord Injury **Brian Kwon**

Pregabalin as a Neuroprotector after Spinal Cord Injury in Rats **Yong-Hoon Kim**

The Impact of Methylprednisolone and Sodium Channel Blocker on Axonal Growth after Acute Spinal Cord Injury in Rats. **Jun Young, Yang**

-----Q &A

One year follow-up clinical results of Physio-L lumbar disc replacement. **Casey Lee**

The Significance of Angular Mismatching between Vertebral Endplate and Prosthesis Endplate in L-TDR **Chong-Suh Lee**

Recollapse of previous vertebral compression fracture after percutaneous vertebroplasty.

**Dong-Kyu Chin**

Bone cement augmentation of short segment fixation for unstable burst fracture in severe osteoporosis.

**Seok-Won Kim**

Clinical effectiveness of percutaneous vertebroplasty in pathologic compression fractures of spinal tumor patients.

**Ung-Kyu Chang**

10:15 – 10:30 Coffee Break

10:30 – 11:30 Session B

Moderators **Do-Heum Yoon** and **Tim Yoon**

● Case Presentation & Panel discussion

Panelist(5) : Seung-Chul Rhim, M.D.

Seong-Hoon Oh, M.D.

Kyoung-Suk Cho, M.D.

Ju-Kyoung Sung, M.D.

Sung-Min Kim, M.D