3rd Annual KASS Meeting. Scientific Program
KASS, and Korean Neuro and Ortho Spine Society Meeting
Location: Royal Lahaina Hotel. Hawaii 2008
Time: July 17-19th 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 11:30 AM

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

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


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.

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

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.