NASS/Neurospine Endoscopic Spinal Surgery (ESS) Symposium and Cadaver Workshop

**Co-sponsored with KOMISS**

Wednesday, September 25

7:00 a.m. - 4:15 p.m.

McCormick Place Convention Center, Chicago, IL

**Workshop Chairs:** Jeffrey C. Wang, MD
Hyeun-Sung Kim, MD, PhD

**Invited Faculty:**
Chien-Min Chen, MD, PhD
Gun Choi, MD, PhD
Dong-Hwa Heo, MD, PhD
Christoph P. Hofstetter, MD, PhD
Patrick C. Hsieh, MD, MS
Fujito Ito, MD, PhD
Chi-Heon Kim, MD, PhD
Choll W. Kim, MD, PhD
Jin-Sung Kim, MD, PhD
Chul-Woo Lee, MD
Kai-Uwe Lewandrowski, MD
Kang-Taek Lim, MD
Cheol-Woong Park, MD, PhD
Christoph J. Siepe, MD, PhD
Erik Traupe, MD
Ralf Wagner, MD, PhD
Anthony T. Yeung, MD
Xifeng Zhang, MD, PhD

**Description**

The challenge for a healthier spine treatment was to take endoscopic spinal surgery as the main stream. Endoscopic spinal surgery has become an important area for a healthier and happier human life and has provided improved spinal treatment through steady research and development. Changes in the generation of endoscopic spinal surgery have expanded from the treatment of spinal disc disease to the treatment of spinal stenosis and are expected to resolve many of the degenerative spinal diseases in the future.

The NASS/Neurospine special issue is to provide detailed information about endoscopic spinal surgery through the endoscopic spinal surgery symposium and cadaver workshop.

**Objectives**

Upon completion of this course, participants should gain strategies to:

- Recognize anatomical and pathological concept of endoscopic spinal surgery;
- Appreciate endoscopic application in the degeneration spinal disc and degenerative spinal stenosis;
- Use strategies in the endoscopic spine surgery.
Agenda
7:00-7:10 a.m. Welcome and Introduction
   Jeffrey C. Wang, MD and Hyeun-Sun Kim, MD, PhD
7:10-7:30 a.m. Historical Review and Current Status
   Anthony T. Yeung, MD

Endoscopic Spinal Surgery: Basic
Moderators: Gun Choi, MD, PhD and Patrick C. Hsieh, MD, MS

7:30-7:45 a.m. Anatomical Consideration of Transforaminal Approach
   Christoph P. Hofstetter, MD, PhD
7:45-8:00 a.m. Anatomical Consideration of Intralaminar Approach
   Jin-Sung Kim, MD, PhD
8:00-8:15 a.m. Anatomical Consideration of Posterior Cervical Approach
   Chi-Heon Kim, MD, PhD
8:15-8:30 a.m. Surgical Strategies of ESS through Transforaminal Approach
   Chul-Woo Lee, MD
8:30-8:45 a.m. Endoscopic Lumbar Decompression: Biportal Application
   Dong-Hwa Heo, MD, PhD
8:45-9:00 a.m. Surgical Strategies of ESS through Posterior Cervical Approach
   Chien-Min Chen, MD, PhD
9:00-9:30 a.m. Question and Answer

Endoscopic Spinal Surgery: Advanced
Moderators: Cheol Woong Park, MD, PhD and Jeffrey C. Wang, MD

9:30-9:45 a.m. Advanced Techniques in the Lumbar Discectomy
   Ralf Wagner, MD, PhD
9:45-10:00 a.m. Advanced Techniques in the Biportal Endoscopic Surgery
   Cheol-Woong Park, MD, PhD
10:00-10:15 a.m. Endoscopic Lumbar Decompression: Anatomical Consideration
   Fujito Ito, MD, PhD
10:15-10:30 a.m. Endoscopic Lumbar Decompression: Easy Start
   Kang-Taek Lim, MD
10:30-10:45 a.m. Endoscopic Lumbar Decompression: Overcome the Learning Curve
   Xifeng Zhang, MD, PhD
10:45-11:00 a.m. Surgical Strategies of ESS through Intralaminar Approach
   Gun Choi, MD, PhD
11:00-11:15 a.m. Endoscopic Lumbar Decompression: Advanced
   Hyeun-Sung Kim, MD, PhD
11:15-11:30 a.m.  Endoscopic Lumbar Interbody fusion  
*Kai-Uwe Lewandrowski, MD*

11:30-11:45 a.m.  Question and Answer

11:45 a.m.-12:00 p.m.  Closing Remarks

12:00-12:30 p.m.  LUNCH

**Cadaver Workshop**

**12:30-4:15 p.m.  Hands-on Skills Lab**

**Basic**

Station 1: Endoscopic Transforaminal Lumbar Discectomy  
*Christoph P. Hofstetter, MD, PhD/ Erik Traupe, MD*

Station 2: Endoscopic Transforaminal Lumbar Discectomy  
*Jin-Sung Kim, MD, PhD/ Gun Choi, MD, PhD*

Station 3: Endoscopic Intralaminar Lumbar Discectomy  
*Kai-Uwe Lewandrowski, MD*

Station 4: Endoscopic Posterior Cervical Discectomy/Foraminotomy  
*Chi-Heon Kim, MD, PhD*

Station 5: Biportal Lumbar Discectomy  
*Dong-Hwa Heo, MD, PhD/ Cheol-Woong Park, MD, PhD*

**Hands-on Skills Lab**

**Advanced**

Station 6: Endoscopic Lumbar Decompression  
*Xifeng Zhang, MD, PhD/ Christoph J. Siepe, MD, PhD*

Station 7: Endoscopic Lumbar Decompression  
*Kang-Taek Lim, MD/ Fujito Ito, MD, PhD*

Station 8: Endoscopic Lumbar Decompression  
*Chul-Woo Lee, MD*

Station 9: Endoscopic Lumbar Decompression  
*Choll W. Kim, MD, PhD*

Station 10: Endoscopic Lumbar Interbody Fusion  
*Ralf Wagner, MD/ Hyeun-Sung Kim, MD, PhD*

4:15 p.m.  Course Adjourns