

Agenda: Friday, November 30<sup>th</sup>, 2007

7:30-45 am: Registration and Breakfast / Lasdon Corridor

7:45-8:00 am: Welcome Remarks  
Philip E. Stieg, MD  
Chairman, Department of Neurosurgery,  
Weill Cornell Medical College

Session I: Operating through tubes

8:00 – 8:20 am: Microdiscectomy / Laminectomy using tubular access  
Roger Härtl, MD

8:20-8:40 am: Microsurgery of acquired degenerative lumbar spinal  
stenosis. Bilateral over-the-top decompression through  
unilateral approach  
Andreas Korge, MD

8:40-9:00 am: Minimally invasive TLIF technique  
Noel I. Perin, MD

9:00-9:20 am: Transpsaos approach and extreme lateral interbody fusion  
Luiz Pimenta, MD

9:20-9:40 am: Possible complications of minimally invasive spinal surgery.  
Noel Perin, MD

9:40-10:10 am: Extreme Lateral approach for thoracic pathology  
Roger Härtl, MD

10:10–10:40 am: Coffee break / Lasdon Corridor

Session II: Percutaneous and interspinous treatment strategies

10:40-11:10 am: AxiaLIF: novel minimally invasive presacral approach and  
instrumentation technique for anterior L5-S1 intervertebral  
discectomy and fusion  
Luiz Pimenta, MD

11:10-11:25 am: Percutaneous and mini-open pedicle screw instrumentation  
Roger Härtl, MD

**11:25-11:40 am X-stop  
Speaker TBD**

11:40-12:00 am: Evolving interspinous spacer techniques

Andreas Korge, MD

12:00-1:00 pm: Panel discussion: Case presentations

1:00-2:00 pm: Lunch / Lasdon Corridor

Session III: Hands-on Lab

2:00-2:30 pm: Surgical Demonstration:  
Saw bones in lab

- o Mini-open pedicle screws: Constellation system
- o Percutaneous interspinous process technique
- o Extreme Lateral Interbody Fusion: Oracle system

2:30-5:30 pm: Lab dissection  
Drs. Hartl, Pimenta, Korge, Nottmeier, Perin plus residents: Chapple/Fraser

**7:30 pm: DINNER: Metropolitan Museum. Sponsored by KYPHON (?)**

Agenda: Saturday, December 1<sup>st</sup>, 2007

7:30-45 am: Registration and Breakfast / Lasdon Corridor

7:45-8:00 am: Welcome Remarks  
Luis Pimenta, MD and Roger Härtl, MD

Session IV: Navigation and minimally invasive spinal surgery

8:00 – 8:20 am: 3D Navigation for spinal surgery: Technique  
Eric W. Nottmeier, MD

8:20-8:40 am: Unilateral minimally invasive TLIF using 3D Navigation  
Roger Härtl, MD

8:40-9:00 am: Putting it all together: 3D Navigation and minimally  
invasive spinal surgery  
Eric W. Nottmeier, MD

Session V: Complex cases

9:00-9:20 am: Tranpsoas approach for complex cases: How I do it.  
Frederico P. Girardi, MD

- 9:20-9:50 am: Transposas approach for lumbar arthroplasty  
Luiz Pimenta, MD
- 9:50-10:10 am: TLIF, AxiaLIF and navigation: combining minimally  
invasive techniques  
Roger Härtl, MD
- 10:10-10:40 am: Coffee break / Lasdon Corridor

Session VI: Biological disc replacement: evolving concepts

- 10:40-11:10 am: Anatomy of the lumbar vertebral disc  
Hans Jörg Meisel, MD PhD
- 11:10-11:40 am: Tissue-engineered intervertebral discs: Initial results  
Lawrence Bonassar, PhD
- 11:40-12:00 am: Cell therapies as an opportunity for disc repair  
Hans Jörg Meisel, MD PhD
- 12:00-1:00 pm: Panel discussion: Case presentations
- 1:00-2:00 pm: Lunch / Lasdon Corridor

Session VII: Hands-on Lab

- 2:00-2:30 pm: Surgical Demonstration  
AxiaLIF approach  
Percutaneous pedicle screws: Spirit system  
Extreme Lateral Interbody Fusion: Nuvasive system
- 2:30-5:30 pm: Lab dissection  
Drs. Hartl, Pimenta, Korge, Nottmeier, Girardi plus  
residents: Chapple/Fraser