INDUSTRY INNOVATION PROGRAM/ LIVE TAPED SURGERIES

You will not want to miss one of our newest additions to the SAS Meeting Program, for this year, Taped Live Surgeries in our Industry Innovations Program.

These will be held on Tuesday, May 6, 2008 between 9:30 am – 12:30 pm in the General Session Room (B214-B218), 2nd level. The moderators will be Tom Errico, MD and Michael Janssen, MD.

The schedule for the day will include:

9:40 a.m. – 11:15 a.m.

Industry Innovations

Moderator: Tom Errico, MD

9:40 am – 10:00 am
Ellman Innovations (now Ellquence, LLC)

Physician: Laurence E. Mermelstein, MD

Dr. Mermelstein is Board Certified Orthopaedic Surgeon whose clinical practice places an emphasis on minimally invasive surgical techniques. As the first surgeon on Long Island to perform the Posterolateral Endoscopic Discectomy procedure, he continues to be on the forefront of surgical technology.

Ellquence, LLC; formally Ellman Innovations is the designer and manufacturer of Disc-FX™ a minimally invasive discectomy system with a multi-functional access system for maximum treatment options and enhances patient outcome. The Disc-FX™ system includes the patented, navigational Trigger-Flex® Bipolar System used extensively in endoscopic spine surgery. Disc-FX™ is an accessory for the patented Surgi-Max® Radiowave energy source that has been clinically proven to provide maximum precision, versatility and safety. Surgi-Max® advanced technology includes two proprietary Bipolar waveforms for nucleus ablation and annulus modulation.

10:05 a.m. – 10:25 a.m.

NuVasive

Physician: Mark Peterson, MD

Southern Oregon Orthopedics, Medford, OR

XLIF™ Surgical Technique

Surgical footage shows the eXtreme Lateral Interbody Fusion approach to the lumbar spine in step-by-step detail: targeting, retroperitoneal finger dissection, NeuroVision™ EMG guidance through the psoas muscle, exposure of the disc space through the MaXcess™ retractor, complete disc preparation, and interbody device placement. Corresponding fluoroscopic views demonstrate proper access and implant placement to achieve exceptional disc height and sagittal and coronal alignment restoration. The XLIF™ approach has been successfully to affect a minimally invasive correction of many thoracolumbar degenerative conditions including DDD, spondylolisthesis, scoliosis, adjacent segment disease, and revision surgeries.

10:30 a.m. – 10:50 a.m.

Interventional Spine
Physician: Dan Cohen, MD
South Florida Spine

The PERPOS(TM) PLS System is the first and only PERCUTANEOUS transfacet-pedicular compression system for posterior stabilization during a fusion procedure of the lower spine. It is possible with the PERPOS(TM) PLS System to perform posterior lumbar stabilization to achieve lumbar fusion (at single or multiple levels) without cumbersome rod-and-screw technology.

10:55 a.m. – 11:15 a.m.
Hydrocision
Physician: Mitchell Hardenbrook, MD
Boston Spine Group

Dr. Hardenbrook will present and discuss an innovative technique for performing microdiscectomy using the SpineJet MicroResector Hydrosurgery System. The technique, which utilizes a standard or minimally invasive approach with a hemilaminectomy, makes use of a small diameter (4mm) cannula to introduce a high velocity fluidjet instrument to cut and aspirate disc nucleus tissue to decompress disc herniations. The new technique addresses the two most significant long-term outcome concerns for microdiscectomy – reherniation and recurrent radicular pain. The risk of reherniation is reduced by the smaller than conventional annulotomy, and the risk of recurrent radicular pain secondary to neural fibrosis is decreased through the reduction of nerve root manipulation provided by the use of the cannula and elimination of the need to repeatedly pass instruments in and out of the disc space.

The biomechanical and biological advantages of lumbar interbody fusion depend on the ability to prepare the disc space for a solid intradiscal fusion. The SpineJet’ XL Fusion Preparation System allows surgeons to more effectively prepare disc spaces for graft implantation during open or minimally invasive lumbar interbody fusion procedures. This fluidjet powered tool combines the power of fluidjet technology with a unique curette design permitting surgeons to simultaneously cut, ablate, and remove hard or soft tissue – such as disc nucleus and endplate cartilage – quickly, safely and effectively, significantly reducing the need for additional instruments. When compared to conventional instruments, the SpineJet XL Fusion System has been shown to result in 65% fewer instrument passes, remove 95% more posterior contralateral nucleus, and reduce disc preparation time by 50%. Designed to work in conjunction with all currently available minimally invasive access systems, it is ideal for open or minimally invasive posterior fusion procedures.

11:15 a.m. – 11:30 a.m.
Break

11:30 a.m. – 12:30 p.m.
Tips and Techniques from AOSpine
Moderator: Michael Janssen, MD
Presented by the foundation of AOSpine International, this hour long segment will feature topics such as disc replacement procedures in the cervical and the lumbar spine, anterior lumbar demonstration techniques for access and fusions, cervical myelopathy decompressions and reconstructions.