



MEDICAL
EDUCATION

EXPLORE | EXAMINE | ADVANCE



DePuySpine™
a Johnson & Johnson company



2009 Advanced MIS Tutorials

March 5-6, 2009

May 14-15, 2009

September 17-18, 2009

December 10-11, 2009

at University of Maryland-Shock Trauma Institute in Baltimore, Maryland

Hosted by **Steven Ludwig, MD** and **Kornelis Poelstra, MD, PhD**

DePuy Spine Medical Education offers this unique opportunity for experienced MIS surgeons to expand their knowledge of advanced MIS principles in a surgical setting with a small group of participants. The program includes case presentations and discussion, surgical observation, and hands-on training; all with renown MIS surgeons. **Please join us.**

IMPORTANT NOTE: Drs. Ludwig and Poelstra encourage visitors to bring their own electronic cases with them for discussion.





Through **Advanced MIS Tutorials** DePuy Spine Medical Education offers surgeons a unique opportunity to visit two thought leaders in minimally invasive spine surgery. A one-and-a-half day visitation to Dr. Steven Ludwig and Dr. Kornelis Poelstra will include a group dinner with the host surgeons, live surgery observation and a hands-on cadaveric bioskills lab.

This exceptional program is designed for the **experienced MIS surgeon**, who has met some or all of the following criteria:

- Attended an Introduction to MIS Program
- 1+ years experience or 25+ cases per year using percutaneous screw placement
- 1+ years experience or 50+ cases per year on MIS microdiscs or fusions
- Practice is in part dedicated to treating complex spine
- Stated interest in treating complex spine through MIS approach
- Interested in the expanding indications of MIS within their practice

Questions?

For further information, contact the DePuy Spine Medical Education Department at 1-800-741-8075 or visit www.onlinespinecenter.com

Surgeons: For information about registering for this course, or other DePuy Spine course, please contact your DePuy Spine sales representative. Alternatively, you may contact the DePuy Spine Medical Education Department directly at 1-800-741-8075 or medicaleducation@dpyus.jnj.com

Sales Representatives may register themselves and surgeons at www.accessdepu.com

Travel and Hotel Information

Please contact the J&J Travel Medical Education desk at 1-877-355-6333 to make your airline reservations; a credit card will be required. Please reference J&J Travel Code as follows:

March 5-6, 2009 course - Travel Code 5470
May 14-15, 2009 course - Travel Code 5485
September 17-18, 2009 course - Travel Code 5486
December 10-11, 2009 course - Travel Code 5487

Contact the hotel directly for assistance with your hotel reservations:

Hilton Hotel - Baltimore
401 West Pratt Street
Baltimore, Maryland 21201

Reservations: 1-443-573-8700 and refer to DePuy Spine
www.baltimore.hilton.com
Room Rate: \$219.00 plus taxes

A block of rooms has been reserved at the Hilton Hotel - Baltimore. **Please reference DePuy Spine to get the special group rate of \$219.00 plus tax.** Reservations will be accepted on a space and/or rate available basis.

Right to Refuse Admittance

The provider of this course reserves the right to cancel or reschedule the program prior to the course. The course chairs reserve the right to deny entry to those who may alter course objectives.

Guest Policy

The goal of this meeting is to train healthcare professionals. In keeping with AdvaMed guidelines and the objectives of this educational event, all aspects of the meeting are intended solely for the invited healthcare professionals. We thank you for your cooperation in this matter. This course complies with the AdvaMed Code of Ethics effective January 1, 2004. Additional information about the Code of Ethics may be found at www.advamed.org/publicdocs/coe.html.

Course content is subject to change.

Advanced MIS Tutorial Agenda

Day One >

Arrivals: Please plan to arrive by 6:00 pm

6:30 pm..... Course Welcome
Dinner Presentation / Case Discussions

IMPORTANT NOTE: Drs. Ludwig and Poelstra encourage visitors to bring their own electronic cases with them for discussion.

Day Two >

7:30 am..... Arrive at Shock Trauma / Breakfast

8:00 am..... Live Case Observation / Discussion:

Please Note: Surgeons will have the opportunity to visit Drs. Ludwig and Poelstra in the Operating Room and view the surgery as it is broadcasted to the conference room

1:00 pm*..... Transportation to VISTA Lab
for Bioskills Workshop

1:15 pm..... Lunch

2:00 pm..... MIS Bioskills Workshop:

- Multi-level Percutaneous Screw Placement
- Access and Fusion Options
- Vertebral Body Augmentation

5:30 pm..... Course Adjourns

MIS represents one of the most emergent and exciting areas of spine. DePuy Spine offers training in the latest advancements in the evolution of Minimally Invasive Surgery.

This course is designed for the experienced MIS surgeon who is ready to expand their MIS practice. Together with today's thought leaders, DePuy Spine is committed to staying at the forefront of product development and technique-driven surgical solutions. Through education and research, the DePuy Spine Medical Education Department offers training opportunities for all spinal pathologies

*Please Note: This scheduled time is flexible and is dependent on the number of surgery cases observed. Attendees may arrive earlier or later to the bioskills lab.

Participate in **Advanced MIS Tutorials** from DePuy Spine Medical Education, for a unique opportunity to visit two thought leaders in MIS surgery:



Steven Ludwig, MD

University of Maryland
Shock Trauma Institute
Baltimore, Maryland

Associate Professor of Orthopaedics
Co-Director, University of Maryland
Spine Program

Chief of Spine Surgery, Department of Orthopaedics

BOARD CERTIFICATION: American Board of Orthopaedic Surgeons

FELLOWSHIP: Emory University (Spine Surgery)

INTERNSHIP AND RESIDENCY: Thomas Jefferson University–Jefferson Medical College (General Surgery); Combined Thomas Jefferson University/ Jefferson Medical College–Rothman Institute (Orthopaedic Surgery)

EDUCATION: University of Medicine and Dentistry of New Jersey (UMDNJ); Robert Wood Johnson Medical School (formerly known as Rutgers Medical School)

CLINICAL INTERESTS:

- Degenerative Diseases of the Cervical and Lumbar Spine
- Minimally Invasive Surgery
- Spinal Tumors and Infections
- Sports-Related Spine Injuries
- Traumatic Injuries to the Cervical Spine



Kornelis Poelstra, MD, PhD

University of Maryland
Shock Trauma Institute
Baltimore, Maryland

Assistant Professor of Orthopaedics

BOARD CERTIFICATION: American Board of Orthopaedic Surgeons

FELLOWSHIP: Thomas Jefferson University–The Rothman Institute (Orthopaedic and Neurosurgical Spine)

INTERNSHIP AND RESIDENCY: University of Virginia, Orthopaedic Surgery

EDUCATION: University of Groningen, Netherlands (PhD in biomedical engineering); University of Virginia (Masters in “Science in Surgery”)

CLINICAL INTERESTS:

- Minimally Invasive Surgery
- Damage Control Spine
- Surgery via MIS in Trauma Victims
- Traumatic and Degenerative Arthritic Conditions
- Degenerative Diseases of the Cervical and Lumbar Spine
- Motion Preservation Surgery
- Oncologic Conditions
- Disc Replacement

DePuy Spine Medical Education delivers meaningful, progressive training opportunities for spine surgeons.

INDICATIONS FOR FEATURED PRODUCTS



The EXPEDIUM™ Spine System is intended to provide immobilization and stabilization of spinal segments in skeletally mature patients as an adjunct to fusion in the treatment of acute and chronic instabilities or deformities of the thoracic, lumbar and sacral spine. The EXPEDIUM Spine System is intended for noncervical pedicle fixation and nonpedicle fixation for the following indications: degenerative disc disease (defined as back pain of discogenic origin with degeneration of the disc confirmed by history and radiographic studies); spondylolisthesis; trauma (i.e., fracture or dislocation); spinal stenosis; curvatures (i.e., scoliosis, kyphosis, and/or lordosis); tumor, pseudarthrosis; and failed previous fusion in skeletally mature patients. With the exception of degenerative disc disease (DDD), the PEEK rods and associated components of the EXPEDIUM Spine System may be used for the aforementioned indication in skeletally mature patients.



The PIPELINE™ Access System is intended to provide the surgeon with minimally invasive surgical access to the spine by ensuring the placement/positioning of the retractor, down to the lamina, with its attachment to a flexible arm to provide a self locking method of access to the spinal site through which a microscope and surgical instruments can be manipulated.



The SPOTLIGHT™ Access System is intended to provide the surgeon with minimally invasive surgical access to the spine by ensuring the placement/positioning of the post, down to the lamina, with its attachment to a rigid arm to provide a self-locking method of access to the spinal site that can be visualized using a microscope or loupes, and through which surgical instruments can be manipulated.



The VIPER™ Spine System are intended to provide immobilization and stabilization of the spinal segments in skeletally mature patients as an adjunct to fusion in the treatment of acute and chronic instabilities or deformities of the thoracic, lumbar and sacral spine. The VIPER Spine System are intended for noncervical pedicle fixation and nonpedicle fixation for the following indications: degenerative disc disease (defined as back pain of discogenic origin with degeneration of the disc confirmed by history and radiographic studies); spondylolisthesis; trauma (i.e., fracture or dislocation); spinal stenosis; curvatures (i.e., scoliosis, kyphosis, and/or lordosis); tumor, pseudarthrosis; and failed previous fusion in skeletally mature patients. When used in a posterior percutaneous approach with MIS instrumentation, the VIPER Spine System are intended for noncervical pedicle fixation and non-pedicle fixation for the following indications: degenerative disc disease (defined as back pain of discogenic origin with degeneration of the disc confirmed by history and radiographic studies); spondylolisthesis; trauma (i.e., fracture or dislocation); spinal stenosis; curvatures (i.e., scoliosis, kyphosis, and/or lordosis); tumor, pseudarthrosis; and failed previous fusion in skeletally mature patients. With the exception of degenerative disc disease (DDD), the PEEK rods and associated components of the VIPER Spine System may be used for the aforementioned indication in skeletally mature patients.



**For further information, contact the DePuy Spine
Medical Education Department at 800-741-8075.**

