SEATTLE SCIENCE FOUNDATION

2ND ANNUAL CURRENT TRENDS IN MINIMALLY INVASIVE SPINE SURGERY

Saturday, July 23, 2016
Seattle Science Foundation
550 17th Avenue
James Tower, Suite 600
Seattle, Washington 98122
COURSE DESCRIPTION
The trend in spine surgery for many procedures has been moving toward minimally invasive approaches. These include spine surgery for lumbar fusion, deformity surgery, cervical surgery and sacroiliac joint fusion. The benefits of minimally invasive spine surgery (MIS) include decreased pain, less blood loss, shorter hospital stays and faster recovery. However, there is a difficult learning curve for surgeons when mastering MIS procedures. Increasing familiarity with MIS techniques creates more options for surgeons treating spine conditions with the potential to decrease surgical complications. The goal of this conference is to update neurological and orthopedic surgeons, as well as allied health professionals on the latest advances in MIS surgical techniques.

NEEDS STATEMENT
This course provides a targeted focus on the minimally invasive spine (MIS) surgical technique with the goal of improving surgical outcomes and patient quality of life. In addition, to educational didactics with recognized leaders in the field, the conference provides hands-on training focusing on the application of the technique and complication avoidance.

INTENDED AUDIENCE
The Current Trends in Minimally Invasive Spine Surgery conference is intended for neurosurgeons, orthopedic surgeons, neuroradiologists, neurologists and allied health professionals who participate in the care of a spine surgery patient in the Pacific Northwest.

OBJECTIVES
By attending this course, the participant will provide better patient care through an increased ability to:

• Apply minimally invasive spine techniques and current evidenced based methods in the field of surgical spine management.
• Demonstrate current MIS techniques as well as methods of complication avoidance.
• Discuss appropriateness of MIS vs. open techniques in varying patient populations with the goal of improving patient outcomes.

ACKNOWLEDGMENTS
This symposium is financially supported in part by educational grants in accordance with ACCME’s Standards for Commercial Support. At the time of this printing, a complete listing of commercial supporters was not available. Appropriate acknowledgment will be given to all supporters at the time of the symposium.

FACULTY
John Hsiang, M.D., Ph.D., F.A.N.S., Course Co-Chair
Director of Neurosurgery
Swedish Medical Center, Issaquah Campus
Seattle, Washington

Choll Kim, M.D., Ph.D.
Associate Clinical Professor of Orthopaedic Surgery
Spine Institute of San Diego
San Diego, California

Brian Kwon, M.D.
Minimally Invasive Spine Surgeon
New England Baptist Hospital
Boston, Massachusetts

Kornelis A. Poelstra, M.D., Ph.D.
President, The Spine Institute on the Emerald Coast
Chairman, Department of Neurosurgery, Sacred Heart Hospital on the Emerald Coast
Miramar Beach, Florida

Ralph Rashbaum, M.D.
Co-Founder
Texas Back Institute
Plano, Texas

Jeffrey S. Roh, M.D., Course Co-Chair
Co-Director, Swedish Integrated Spine Surgery
Swedish Medical Center; President, ProOrtho Division of Proliance Surgeons
Seattle, Washington

James Yue, M.D.
Associate Professor of Orthopaedics and Rehabilitation; Co-Director, Orthopaedic Spine Service; Director, Yale Spine Fellowship
Yale University
New Haven, Connecticut

PLANNING COMMITTEE
John Hsiang, M.D., Ph.D., Course Co-Chair
Jeffrey Roh, M.D., Course Co-Chair
Caye Boosalis, CME Manager
Clara Greaney
Linda Lai, PA-C
Jeni Page, ACNP-BC
Linda Sahlin
AGENDA

7:30 a.m.  Registration & Breakfast

8 a.m.   Welcome & Opening Remarks  
John Hsiang, M.D., Ph.D. and Jeffrey Roh, M.D.

8:10 a.m.  Why MIS Surgery? Pitfalls and Tips About MIS Surgery  
Jeffrey Roh, M.D.

8:35 a.m.  Lateral Lumbar Interbody Fusion (XLIF)  
Choll Kim, M.D., Ph.D.

9:10 a.m.  Oblique Lumbar Interbody Fusion (OLIF)  
Brian Kwon, M.D.

9:35 a.m.  Posterior Percutaneous Instrumentation: Pedicle Screw & Facet Screw and Posterior Lumbar Stabilization: Cortical Screw vs. Interspinous Stabilization  
John Hsiang, M.D., Ph.D.

10:10 a.m.  Break & Exhibits

10:25 a.m.  The Role of MIS In Deformity Surgery  
Jeffrey Roh, M.D.

10:50 a.m.  Cervical Surgery: ACDF vs. Artificial Disc  
John Hsiang, M.D., Ph.D.

11:20 a.m.  Advances in Robotics for Minimally Invasive Spine Surgery  
Kornelis A. Poelstra, M.D., Ph.D.

11:45 a.m.  Minimally Invasive SI Joint Fusion  
Ralph Rashbaum, M.D.

12:15 p.m.  Break & Pick Up Lunch

12:30 p.m.  Case Discussions (working lunch)  
All Faculty

1:15 p.m.  Full Endoscopic Lumbar Surgery: Indications, Techniques, and Avoiding Complications  
James Yue, M.D.

2 p.m.  Transition into Bioskills Lab

2:15 p.m.  Hands-On Cadaver Lab  
(25 Minute Lab Rotations)  
All Faculty

STATION 1  
Lateral Lumbar Interbody Fusion (XLIF)  
Choll Kim, M.D., Ph.D.

STATION 2  
Oblique Lumbar Interbody Fusion (OLIF)  
Brian Kwon, M.D.

STATION 3  
Multi-level Percutaneous Pedicle Screw Placement using Stryker Spinal Navigation  
Jeffrey Roh, M.D.

STATION 4  
Artificial Disc  
John Hsiang, M.D., Ph.D.

STATION 5  
Endoscopy Station  
James Yue, M.D.

STATION 6  
Robotics  
Kornelis A. Poelstra, M.D., Ph.D.

STATION 7  
SI Joint Fusion  
Ralph Rashbaum, M.D.

3:30 p.m.  Break & Exhibits (15 Minute Break)

5:30 p.m.  Adjourn

CME INFORMATION

Accreditation with Commendation

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of Swedish Medical Center and Seattle Science Foundation. Swedish Medical Center is accredited by the ACCME to provide continuing medical education for physicians.

AMA PRA Category 1 Credits™

Swedish Medical Center designates this live activity for a maximum of 8.25 AMA PRA Category 1 credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.
REGISTRATION INFORMATION:
Pre-registration is required as space is limited. The discounted "Advanced Registration" deadline is July 10, 2016. Registrations will only be processed and confirmed when accompanied by full payment.

If using the registration form, please mail or fax it to:
Seattle Science Foundation
550 17th Avenue, James Tower, Suite 600
Seattle, WA 98122
Fax: (206) 732-6599

Cancellation: To receive a refund, notice of cancellation must be received no later than July 18, 2016.

If you have special needs, please contact us at (206) 732-6500.

REGISTRATION FORM

2ND ANNUAL CURRENT TRENDS IN MINIMALLY INVASIVE SPINE SURGERY
Saturday, July 23, 2016     Please print or type information.

NAME                                               TITLE/CREDENTIALS
____________________________________________________________________
ADDRESS
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CITY/STATE/ZIP
____________________________________________________________________
PHONE                                                            FAX
____________________________________________________________________
EMAIL
____________________________________________________________________
SPECIALTY

Registration Fees  Advanced After
Registration        July 10
M.D. or D.O.       ___ $320  ___ $350
Allied Health Professionals ___ $220  ___ $250
Medical Student ___ $50  ___ $60
Resident/Fellow ___ $50  ___ $60

__ Check enclosed, payable to Seattle Science Foundation.
__ Credit Card # ___________________________  Expiration Date ______________

Signature ____________________________________________