2nd Annual Spinal Navigation Emerging Technologies & Systems Integration Course

December 9th, 2017
7:30 AM - 4:30 PM
Seattle Science Foundation
550 17th Ave, Suite 600
Seattle, Washington 98122
COURSE DESCRIPTION
The 2nd Annual Spinal Navigation, Emerging Technologies and Systems Integration Course is an advanced training course held for orthopaedic and neurosurgeons who treat spinal conditions. Nationally recognized speakers will focus on provocative topics and in-depth debates regarding spinal navigation and robotics application in spine surgery. They will also provide hands-on workshops in state-of-the-art lab facilities. The design is to gain knowledge and experience of the new modalities in spine surgery, addressing both the guidelines and controversies of the field, as well as attaining hands-on exposure and training in the cadaver lab.

NEEDS STATEMENT
As spine surgery and associated technology continues to rapidly advance, methods of improving patient outcomes through surgical interventions and peri-operative imaging modalities remain controversial. Due to the vast new technologies available, there remains a tremendous need for continued education in the training of current and future spinal surgeons regarding knowledge and surgical application in the field.

INTENDED AUDIENCE
This course is intended for neurosurgeons, orthopaedic surgeons, and allied healthcare professionals who treat surgical spinal conditions.

OBJECTIVES
By attending this course, the participant will provide better patient care through an increased ability to:
• Interpret the cost effectiveness of navigation in case studies
• Discriminate when and why navigation is needed
• Indicate when robotic assisted spine surgery is beneficial in spine
• Indicate the benefits of using a robotics system for surgery
• Illustrate the appropriateness and application of machine-vision image guided surgery
• Illustrate the possibilities in treatment with pain management
• Illustrate how human factors play a critical role including training and implementation
• Preview each lab station and what the technology is that is being highlighted
• Perform cadaveric procedures utilizing both image guidance and robotics

ACKNOWLEDGEMENTS
This symposium is supported in part by educational grants in accordance with ACCME Standards. At the time of this printing, a complete listing of financial supporters was not available. Appropriate acknowledgement will be given to all supporters at the time of the symposium.

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 7.75 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

AGENDA
7:30 am - 4:30 pm
• Part 1: Image Guided Spine Surgery 8:10 am - 10:50 am
  (Chair: J. Patrick Johnson, M.D.)
• Part 2: Emerging Technologies 10:50 am - 1:15 pm
  (Chair: Rod Oskouian, Jr., M.D.)
• Part 3: Systems Integration 1:15 pm - 2:15 pm
  (Chair: Ken Catchpole, M.D.)
• Part 4: Hands-on Experience 2:15 pm - 4:30 pm

HANDS-ON BIOSKILLS LAB ROTATIONS
Station 1: Image-Guided Open Navigation Platform
Station 2: Minimally Invasive + Percutaneous + PSIS Pin
Station 3: Minimally Invasive + Percutaneous
Station 4: Robotics In Spine Surgery
Station 5: Laminectomy, Facetectomy, Osteotomies Made Easy
Station 6: Exoscopes In Spine Surgery: Robotics
Station 7: Exoscopes In Spine Surgery: 3D
Station 8: Machine-Vision Image Guided Surgery
Station 10: Robotic Applications In Spine Surgery
FACULTY

Jordan Amadio, M.D.
Neurosurgeon
Emory University School of Medicine
Atlanta, Georgia

Jens Chapman, M.D.
Complex Spine Surgeon
Swedish Neuroscience Institute
Seattle, Washington

David Elaimy
Athletics Coach
University of Washington
Seattle, Washington

Deep Guha, M.D.
Neurosurgeon
University of Toronto
Toronto, Ontario, Canada

J. Patrick Johnson, M.D.
Director, Institute for Spinal Disorders
Cedars-Sinai Medical Center
Los Angeles, California

Michel LeFranc, M.D.
Neurosurgeon
Amiens University Hospital
Amiens, France

Rod J. Oskouian, Jr., M.D.
Chief of Spine
Swedish Neuroscience Institute
Seattle, Washington

Rajiv Sethi, M.D.
Departments of Neurosurgery & Orthopaedics
Virginia Mason Medical Center
Seattle, Washington

Hoan Tran, M.D.
Neurosurgeon
Franciscan Sports, Orthopedics & Spine Health Center
Tacoma, Washington

Ken Catchpole, Ph.D.
Professor of Clinical Practice & Human Factors
Medical University of South Carolina
Charleston, South Carolina

Doniel Drazin, M.D.
Neurosurgeon
Swedish Neuroscience Institute
Seattle, Washington

Christopher Good, M.D., FACS
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Virginia Spine Institute
Reston, Virginia

David Hanscom, M.D.
Neurosurgeon
Swedish Neuroscience Institute
Seattle, Washington

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Department of Orthopedics and Neurosurgery
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Los Angeles, California

Adetokunbo A. Oyelese, M.D., Ph.D., FAANS
Assistant Professor of Neurosurgery
Warren Alpert Med School of Brown University
Providence, Rhode Island

David W. Polly, Jr., M.D.
Professor, Chief of Spine Surgery
University of Minnesota
Minneapolis, Minnesota

John Street, M.D., Ph.D.
Director of Integrated Ambulatory Spine Program
Vancouver General Hospital
Vancouver, British Columbia, Canada
REGISTRATION INFORMATION:
Pre-registration is required as space is limited. The discounted “Advance Registration” deadline is Dec 1, 2017. 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 Dec 1, 2017.

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

THE 2ND ANNUAL SPINAL NAVIGATION, EMERGING TECHNOLOGIES AND SYSTEMS INTEGRATION COURSE - DEC 9, 2017
Please print or type information.

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TITLE/CREDENTIALS

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SPECIALTY

Registration Fees

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