CME
CONTINUING MEDICAL EDUCATION

Spine Trauma Summit 2015

Friday, May 15 and Saturday, May 16, 2015

Seattle Science Foundation
James Tower
550 17th Ave., Suite 600
Seattle, WA 98122

Honored guest speakers: Thomas Schildhauer, M.D., and Thomas Oberhofer, M.D.

SEATTLE SCIENCE FOUNDATION

SWEDISH NEUROSCIENCE INSTITUTE

About the course

On May 15, 2015, we will begin a new series in medical education that focuses on the treatment of spine trauma. In congruence with the educational mission of the Swedish Neuroscience Institute and the Seattle Science Foundation, which focuses on unifying education and research among neurological and orthopedic surgeons, this course will include an evening of case review discussion, followed by one day of didactics and hands-on cadaver training with national experts in the field.

The course commences with a live broadcast from Nairobi, Kenya, reviewing spine trauma management in a developing country and the impact of limited resources from an emerging health care infrastructure. Didactics will focus on all regions of the spine, from the cranio-cervical junction to the lumbo-pelvic junction, addressing current surgical and non-operative management techniques in spine trauma. A bioskills lab facilitated by expert faculty gives participants ample time to participate in the hands-on cadaver training.

Thank you for taking the time to review this brochure and we look forward to seeing you in May!

Sincerely,
Jens R. Chapman, M.D., and Rod J. Oskouian, Jr., M.D.

Course description

Spine Trauma Summit 2015 will provide an update on the state of the art of spine trauma care. This meeting will combine lectures with interactive sessions to address open questions and arrive at a consensus on best practices for all key areas of the spinal column, including cranio-cervical junction to the lumbo-pelvic junction and all areas in between. This training course will enhance recognition of key injury variables and also provide important updates on spinal cord injury management, management of the elderly and latest techniques in minimally invasive spine fracture treatment. On a practical scale, participants will receive hands-on training using the most advanced technologies available to improve their cognitive and haptic skill sets.

Needs statement

Spine trauma is a common malady afflicting patients of all age groups in many forms of severity around North America due to industrial injuries, transportation and recreation-related activities. This trauma is also related to our aging population demographics. In its severest form, spine trauma results in spinal cord injury and death. There remains a multitude of uncertainty among many, if not most, health care providers regarding relevant issues concerning management and treatment in spine trauma.

Intended audience

The sessions are targeted to neurosurgical surgeons, orthopedic surgeons, allied health care providers and nurses involved in the treatment of spine trauma.

Course objectives

At the conclusion of this course, the participant will provide better patient care through an increased ability to:

1. Recognize how to best identify, classify and manage injuries to the cranio-cervical junction
2. Differentiate surgical and nonsurgical cervical fractures
3. Evaluate the best practice for acute spinal cord injury care including post-injury complication avoidance, as well as rehabilitation recommendations
4. Identify how to classify spine fractures and identify when surgery is indicated
5. Describe the results of surgical versus non-operative care of thoracolumbar fractures
6. Recognize indications of surgery for spine trauma including timing and the role of surgery
7. Identify key anatomic and radiographic landmarks for application of segmental lumbo-pelvic fixation and describe appropriate utilization of peri-operative instrumentation
8. Classify lumbo-pelvic injuries and determine when lumbo-pelvic stabilization is indicated

For further information

Phone: 206-732-6500
Fax: 206-732-6599
Email: lindas@seattlesciencefoundation.org
Web: www.seattlesciencefoundation.org/programs/spine-trauma-summit

Planning committee

Jens R. Chapman, M.D., *course co-chair*
Rod J. Oskouian Jr., M.D., *course co-chair*
Rick Sasso, M.D.
Andrew Dailey, M.D.
Jeni Page, ARNP
Caye Boosalis, MEd
Linda Sahlin
Alexis Takasumi

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

Nursing contact hours

A total of 9.50 nursing contact hours will be provided by Swedish Medical Center Clinical Education and Practice, an approved provider of continuing nursing education by the Washington State Nurses Association Continuing Education Approval and Recognition Program (CEARP), an accredited approver by the American Nurses Credentialing Center's Commission on Accreditation.

Acknowledgments

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 acknowledgment will be given to all supporters at the time of the symposium.

Location/Directions/Parking

The Seattle Science Foundation is located on the sixth floor of the James Tower at Swedish Medical Center at Cherry Hill. From northbound or southbound Interstate 5, take the James Street exit. James Street will become Cherry Street. Travel east on Cherry Street to the intersection of Cherry Street and 16th Avenue. Turn right, or south, onto 16th Avenue. Turn right into the entrance of the parking garage. Parking is available in the Cherry Hill garage on 16th Avenue at a maximum fee of $16.50 per day.

Faculty

Jens R. Chapman, M.D.
Course co-chair
Complex spine surgeon
Swedish Neuroscience Institute
Seattle, Washington

Andrew Dailey, M.D.
Professor, department of neurological surgery
University of Utah
Salt Lake City, Utah

Mark B. Dekutoski, M.D.
Spine surgeon
The CORE Institute
Sun City West, Arizona

Thomas Oberhofer, M.D.
Orthoplus Center
Specialist, orthopedics and traumatology
Bolzano, Italy

Rod J. Oskouian, Jr., M.D.
Course co-chair
Spine fellowship director
Swedish Neuroscience Institute
Seattle, Washington

Rick Sasso, M.D.
Clinical associate professor
Chief of spine surgery
Indiana University School of Medicine
Indianapolis, Indiana

Thomas Schildhauer, M.D.
Professor and chair
Ruhruniversität Bochum
Bochum, Germany

Oswald Steward, Ph.D.
Professor, neurobiology and behavior
Director, Reeve-Irvine Research Center
University of California Irvine
Irvine, California

Kirkham B. Wood, M.D.
Professor and chief of spine service
Massachusetts General Hospital
Harvard Medical Center
Boston, Massachusetts

Continuing medical education spine guide

In line with our mission to provide clinical excellence in the treatment of neurological disorders through education, research and innovation, the spine specialists at the Swedish Neuroscience Institute are proud to offer a wide range of continuing medical education opportunities to both primary care and specialized health care professsionals. Designed with today's busy physician in mind, our continuing medical educaiton (CME) activities are available in a variety of formats.

- Featured CME conferences
- Regularly scheduled series
- On-demand CME
- Archived CME recordings
- Advanced training – complex and minimally invasive spine fellowship
- Primary care lecture series

Program highlights

- **National leaders in spine surgery**
  Attendees receive hands-on experience from some of the nation's top spinal surgeons who volunteer their time to help educate residents, fellows and attending physicians.
- **Unifying health care providers**
  In collaboration with ONESpine, our program is committed to developing programs that unify education and research among neurological and orthopedic spine surgeons in order to improve patient care.
- **Hands-on cadaver lab training**
  The Seattle Science Foundation (SSF) was incorporated in 2006 to provide a venue for medical professionals to collaborate in a neutral setting. Having the SSF co-located on the Swedish Cherry Hill campus gives the Swedish Neuroscience Institute a unique advantage for knowledge sharing.

  SSF offers a state-of-the-art medical and technological facility. Its eight-station bioskills lab is outfitted with operating room tables and lighting, which makes it an ideal venue for hands-on workshops for spine surgeons.

  For health care team members not actively participating in the hands-on lab experience, a live broadcast of the stations is available for educational observation.

Upcoming CME conferences

Below is a list of upcoming featured CME conferences. Visit us online at www.swedish.org/SpineCME to learn more.

AMA PRA Category 1 Credit™

Feb. 7
Advanced Lateral Approaches to the Spine

April 17
Fifth Annual Multimodal Treatment of Spinal Tumors

June 26
Third Annual ONE Spine Masters Course: 2015 Controversies in Spine Surgery

Non-accredited learning opportunities
(Physicians may claim Category II credit toward Washington State Relicensure)

Aug. 14-16
Sixth Annual ONE Spine Residents and Fellows Course

Regularly scheduled series

Below is a list of regularly scheduled series. Visit us at www.swedish.org/SpineCME to learn more.

AMA PRA Category 1 Credit™

Swedish Neuroscience Institute Grand Rounds Series
7:30-8:30 a.m. | First and Third Thursdays
Swedish Education Conference Center, Room B
Cherry Hill campus

Seattle Science Foundation Spine Conference Series
6:30-8 a.m. | First and Third Wednesdays (except holidays)
Seattle Science Foundation, Cherry Hill campus

Spine Trauma Summit 2015
Agenda

FRIDAY, MAY 15

6:15 p.m. **Buffet dinner served** *(not accredited)*

6:30 p.m. **Case reviews and discussions**
All faculty

9 p.m. **Adjourn**

SATURDAY, MAY 16

6:30 a.m. **Breakfast and registration**

7 a.m. **Welcome and course overview**
Jens R. Chapman, M.D.

7:05 a.m. **Live broadcast of Case Discussions with Richard Ombachi, M.D., and Soren Otieno, M.D., from Kenyatta National Hospital, Nairobi, Kenya**
Moderated by Jens R. Chapman, M.D.

7:30 a.m. **Cranio-Cervical Injuries: Odontoid and Cranio-Cervical Controversies**
Rick Sasso, M.D.

8 a.m. **Atlas Fractures**
Rod J. Oskouian Jr., M.D.

8:30 a.m. **Lower Cervical Spine Fractures**
Andrew Dailey, M.D.

9 a.m. **Spinal Cord Injury Update**
Oswald Steward, Ph.D.

9:30 a.m. **Thoracolumbar Spine Fractures**
Kirkham B. Wood, M.D.

10 a.m. **Break and exhibits**
Transition to Bioskills Lab

10:15 a.m. ***Group demonstration one:***
Odontoid Screw Fixation
Rick Sasso, M.D.

10:30 a.m. ***Group demonstration two:***
Posterior C1-2 Fixation Options
Andrew Dailey, M.D.

10:45 a.m. **Hands-on bioskills lab/live broadcast**
(20 minutes per station, four people per station)

Station one: **Odontoid and Anterior Neck Reconstruction**
Rick Sasso, M.D.

Station two: **Posterior Neck: From Occiput to Thoracic Spine**
Andrew Dailey, M.D.

Station three: **Vertebral Augmentation**
Thomas Oberhofer, M.D.

Station four: **Posterior Minimally Invasive TL Decompression and Instrumentation**
Mark B. Dekutoski, M.D.

Station five: **Anterior Thoracolumbar Decompression and Reconstruction**
Kirkham B. Wood, M.D.

Station six: **Posterior Open Fixation TL Spine and Costotransversectomy**
Rod J. Oskouian, Jr., M.D.

Station seven: **Lumbo-Pelvic Fixation**
Thomas Schildhauer, M.D.

Station eight: **Short Segment Fixation: Upper Cervical Spine**
Jens R. Chapman, M.D.

11:45 a.m. **Pick up lunch** *(not accredited)*

noon **Fragility Fractures** *(working lunch)*
Thomas Oberhofer, M.D.

12:30 p.m. **Minimally Invasive Spine Fracture Management**
Mark B. Dekutoski, M.D.

1 p.m. **Lumbo-Pelvic Fracture Management**
Thomas Schildhauer, M.D.

1:30 p.m. **Pediatric Fracture Care**
Jens R. Chapman, M.D.

2 p.m. ***Panel:*** **The Big Picture — Important Advances in Spine Trauma Care**
All faculty

2:30 p.m. **Break and exhibits**

2:45 p.m. ***Group demonstration three:***
Vertebroplasty and Kyphoplasty
Thomas Oberhofer, M.D.

3 p.m. ***Group demonstration four:***
Lumbo-Pelvic Fixation
Thomas Schildhauer, M.D.

3:15 p.m. ***Group demonstration five:***
Minimally Invasive TL Fixation
Mark B. Dekutoski, M.D.

3:30 p.m. ***Group demonstration six:***
Posterior C1-2 Fixation Options
Andrew Dailey, M.D.

3:45 p.m. **Hands-on bioskills lab/live broadcast**
(20 minutes per station, four people per station)

Station one: **Odontoid and Anterior Neck Reconstruction**
Rick Sasso, M.D.

Station two: **Posterior Neck: From Occiput to Thoracic Spine**
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Thomas Schildhauer, M.D.

Station eight: **Short Segment Fixation: Upper Cervical Spine**
Jens R. Chapman, M.D.

5:30 p.m. **Q&A and course wrap up**
All faculty

6 p.m. **Adjourn**

Registration information:

Pre-registration is required as space is limited. Registration will only be processed when accompanied by full payment.

Cancellation: To receive a refund, notice of cancellation must be received no later than **Friday, May 8**.

If using the registration form, please mail or fax it to:

Linda Sahlin
Seattle Science Foundation
James Tower, sixth floor
550 17th Ave., Suite 600
Seattle, WA 98122

Fax: 206-732-6599
lindas@seattlesciencefoundation.org

If you have special needs, please call 206-732-6500, and ask for Linda Sahlin.

Save time – register online!

www.seattlesciencefoundation.org/programs/spine-trauma-summit

Spine Trauma Summit 2015
Hands-on cadaver course

Friday, May 15-Saturday, May 16

Please print or type information

NAME _____ TITLE/CREDENTIALS _____

ADDRESS _____

CITY/STATE/ZIP _____

PHONE _____ FAX _____

EMAIL _____

SPECIALTY _____

Registration fees: Please check one of the following:

	Advanced Registration	After May 8
M.D./D.O.	☐ $445	☐ $475
Allied Health Professional	☐ $400	☐ $430
Nurse	☐ $120	☐ $150
Resident or Fellow	☐ $100	☐ $100

Payment:

☐ Check enclosed, payable to: Seattle Science Foundation

☐ Credit card #_____

☐ VISA ☐ MasterCard ☐ Discover ☐ AMEX

Signature_____ Expiration date_____

PLEASE DETACH