Accreditation
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 the American Academy of Orthopaedic Surgeons and the Federation of Spine Associations. The American Academy of Orthopaedic Surgeons is accredited by the ACCME to provide continuing medical education for physicians.

Description
The FOSA Specialty Day offers a unique forum from our four premier spine societies, ASIA, CSRS, NASS, and SRS, to exchange ideas regarding basic science and clinical problems of the spine. Hot topics and clinically relevant information in spine surgery, along with the latest advances in spine care, and current concepts in the diagnosis and management of spinal disorders, will be presented by a faculty of experts. This year’s program is no exception featuring an interactive educational format which includes lectures, case-based presentations, and lively debate.

Educational Objectives
To present a common forum for the four spine societies (American Spinal Injury Association, Cervical Spine Research Society, North American Spine Society and Scoliosis Research Society) to exchange ideas regarding basic science and clinical problems of the spine.
• To discuss current concepts in diagnosis and management of spinal disorders in the form of case presentations, debate, roundtable discussions, free papers, and instructional presentations.
• To update the review of clinical and surgical results as well as complications.

Credit Hours
7.0 AMA PRA Category 1 Credits™

Program Chairs
ASIA: Jacob M. Buchowski, MD and Addisu Mesfin, MD
CSRS: Michael C. Gerling, MD and Gregory D. Schroeder, MD
NASS: John G. Finkenberg, MD and Thomas E. Mroz, MD
SRS: Rajiv K. Sethi, MD and Burt Yaszay, MD

8:00 am – 8:05 am Welcome and President’s Report
Jacob M. Buchowski, MD

8:05 am – 9:50 am SECTION I: AMERICAN SPINAL INJURY ASSOCIATION

Moderators: Jacob M. Buchowski, MD and Addisu Mesfin, MD

8:05 am – 8:25 am Update on the Management of Cervical Spine Trauma
Alexander R. Vaccaro, MD, PhD, MBA

8:25 am – 8:47 am Debate – Case Presentation: 24-Year-Old Female with L2 Burst Fracture with Neurological Deficit

8:27 am – 8:35 am Posterior Spinal Fusion with Decompression
Kristen E. Radcliff, MD

8:35 am – 8:43 am Lateral Corpectomy with Posterior Spinal Fusion
Chadi A. Tannoury, MD

8:43 am – 8:48 am Discussion

8:48 am – 8:56 am Update on the Management of Gunshot Wounds to the Spine
Joseph P. Gjolaj, MD

8:56 am – 9:04 am Minimally Invasive Stabilization of Hyperostotic Spine Fractures
Addisu Mesfin, MD

9:04 am – 9:09 am Discussion

9:09 am – 9:11 am Debate – Case Presentation: 30-Year-Old Male with T3 and T7 Flexion Distraction Injuries with SCI

9:11 am – 9:19 am Delayed Stabilization and Decompression of Thoracic SCI
William F. Lavelle, MD

9:19 am – 9:28 am Decompression and Stabilization of Thoracic SCI within 24 Hours
Elizabeth M. Yu, MD

9:28 am – 9:36 am Is Anterior Column Support Needed for Thoracic Fractures with Spinal Cord Injury?
Hamid Hassanzadeh, MD

9:36 am – 9:41 am Discussion

9:41 am – 9:47 am MAP Goals: Durations and Side Effects
Daniel G. Kang, MD

9:47 am – 9:50 am Discussion

9:50 am – 10:10 am Break

10:10 am – 11:55 am SECTION II: SCOLIOSIS RESEARCH SOCIETY

Moderators: Rajiv K. Sethi, MD and Burt Yaszay, MD

10:10 am – 10:47 am Preventing Complications

10:10 am – 10:17 am Reducing Blood Loss in Pediatric and Adult Deformity
Paul D. Sponseller, MD, MBA

10:17 am – 10:24 am Minimizing the Risk of Peri-Operative Infections
Michael P. Glotzbecker, MD

10:24 am – 10:31 am Preoperative Management of Poor Bone Quality
Venu M. Nemani, MD, PhD

10:31 am – 10:38 am Optimizing Nutritional Status
Eric O. Klineberg, MD

10:38 am – 10:47 am Discussion

10:47 am – 11:25 am Managing Complications

10:47 am – 10:54 am Management Options for a Delayed Infection
Baron S. Lonner, MD
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Speaker(s)</th>
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| 10:54 am – 11:02 am | Intraoperative Instrumentation Failures – What Now?  
Gregory M. Mundis, Jr., MD |                                                                        |
| 11:02 am – 11:09 am | Intraoperative Neuromonitoring Alert  
A. Noelle Larson, MD |                                                                        |
| 11:09 am – 11:16 am | Proximal Junction Failure  
Han Jo Kim, MD |                                                                        |
| 11:16 am – 11:25 am | Discussion |                                                                        |
| 11:25 am – 11:55 am | Complication Cases |                                                                        |
| 11:25 am – 11:40 am | Pediatric Cases  
Panel: Paul D. Sponseller, MD, MBA; Baron S. Lonner, MD; Michael Glotzbecker, MD; A. Noelle Larson, MD |                                                                        |
| 11:40 am – 11:55 am | Adult Cases  
Panel: Eric O. Klineberg, MD; Gregory M. Mundis, Jr., MD; Han Jo Kim, MD; Venu M. Nemani, MD, PhD |                                                                        |
| 11:55 am – 1:00 pm | Lunch on your own |                                                                        |
| 1:00 pm – 2:45 pm | SECTION III: CERVICAL SPINE RESEARCH SOCIETY |  
**Moderators:** Michael C. Gerling, MD and Gregory D. Schroeder, MD |
| 1:00 pm – 1:05 pm | Introduction and Case Presentation  
Michael C. Gerling, MD |                                                                        |
| 1:05 pm – 1:20 pm | Managing On-Field Cervical Injuries  
Brandon D. Lawrence, MD |                                                                        |
| 1:20 pm – 1:35 pm | Clearing Athletes for Return to Play  
Michael C. Gerling, MD |                                                                        |
| 1:35 pm – 1:50 pm | Emergency Department Evaluation of Cervical Spine Injuries  
Timothy A. Moore, MD |                                                                        |
| 1:50 pm – 2:05 pm | Surgical Management and Prognosis of Cervical Injuries in Athletes  
Gregory D. Schroeder, MD |                                                                        |
| 2:05 pm – 2:20 pm | Management of Upper Cervical Spine Injuries  
John C. France, MD |                                                                        |
| 2:20 pm – 2:35 pm | Panel Case Discussions |                                                                        |
| 2:35 pm – 2:45 pm | Question and Answer |                                                                        |
| 2:45 pm – 3:05 pm | Break |                                                                        |
| 3:05 pm – 4:50 pm | SECTION IV: NORTH AMERICAN SPINE SOCIETY |  
**Moderator:** John G. Finkenberg, MD |
| 3:05 pm – 3:34 pm | Debate – Case 1: Olympic High Jumper with Cervical Disc Herniation |                                                                        |
| 3:05 pm – 3:14 pm | Posterior Cervical Foraminotomy  
TBD |                                                                        |
| 3:14 pm – 3:23 pm | TDA  
K. Daniel Riew, MD |                                                                        |
| 3:23 pm – 3:34 pm | Discussion |                                                                        |
| 3:34 pm – 4:12 pm | Debate – Case 2: Third Recurrent Lumbar Disc Herniation |                                                                        |
| 3:34 pm – 3:43 pm | MIS Tubular  
Neel Anand, MD |                                                                        |
| 3:43 pm – 3:52 pm | Endoscopic Fusion  
Michael P. Steinmetz, MD |                                                                        |
| 3:52 pm – 4:01 pm | Open TLIF  
Dominic Pelle, MD |                                                                        |
| 4:01 pm – 4:12 pm | Discussion |                                                                        |
| 4:12 pm – 4:50 pm | Complications |                                                                        |
| 4:12 pm – 4:21 pm | Cervical Case  
John G. Finkenberg, MD |                                                                        |
| 4:21 pm – 4:30 pm | Thoracic Case  
Eric Truumees, MD |                                                                        |
| 4:30 pm – 4:39 pm | Lumbar Case  
Edward J. Dohring, MD |                                                                        |
| 4:39 pm – 4:50 pm | Discussion |                                                                        |
| 4:50 pm | Adjourn |                                                                        |