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Management of Thoracolumbar Burst Fractures

Friday, March 2 – Saturday, March 3, 2018
Specialty Education & Research Center (SERC)
Burr Ridge, IL (Chicago suburb)

Chair: Timothy A. Moore, MD

Co-Chair: Paul A. Anderson, MD

CME Committee Liaison: Chris Steyn, MD

Optimal treatment of thoracolumbar burst fractures is extremely variable. Despite reliable classification systems, nonoperative versus operative and surgical approaches to these injuries are widely debated. This course describes classifications, factors that affect treatment, nonoperative principles and various surgical techniques to these injuries. Unique to this course is the incorporation of geriatric fracture care and fractures in pathologic bone. The faculty consists of spine traumatologists who are academic faculty dedicated to state of the art fracture care. Participants will learn through didactic lectures, case presentations and hands-on surgical techniques in the lab.

Upon completion of this course, participants should gain strategies to:

- Summarize present accepted thoracolumbar classification system;
- Differentiate between non-operative and operative injuries;
- Apply learned surgical techniques to clinical practice.

Credits

The North American Spine Society designates this live activity for a maximum of 12 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Day 1: Friday, March 2, 2018

7:00 a.m.	Registration Continental Breakfast	Registration Area Break Room
7:20-7:30	Welcome <i>Timothy A. Moore, MD</i>	Auditorium
7:30-8:20	Thoraco-Lumbar Classification TBD	
8:20-8:30	Discussion	

8:30-9:20	Factors that Affect Treatment <i>Timothy A. Moore, MD</i>
9:20-9:30	Discussion
9:30-10:05	Burst Fractures: Operative vs. Nonoperative <i>Alpesh A. Patel, MD</i>
10:05-10:15	Discussion
10:15-10:30	Break and transition from auditorium to lab

10:30-12:00 p.m.	Hands-on Skills Lab	Bio-skills Lab
Posterior Approaches: Open, Wiltze, Perc Lab Instructors:		

12:00-1:00	Lunch with Case Presentation	Auditorium
1:00-1:50	Role of Minimally Invasive Surgery <i>Rakesh (Rock) D. Patel, MD</i>	
1:50-2:00	Discussion	
2:00-2:50	When to Go Anterior <i>Paul A. Anderson, MD</i>	
2:50-3:00	Break and transition to the lab	

3:00-5:00	Hands-on Skills Lab	Bio-skills Lab
Getting to the Front-From the Back Lab Instructors:		

5:00-6:00	Reception for all attendees (includes hors d'oeuvres and beer/wine)	Main Foyer, 1 st Level
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Day 2: Saturday, March 3, 2018

7:00 a.m.	Continental Breakfast
7:20-7:30	Announcements <i>Timothy A. Moore, MD</i>
7:30-8:05	AOSpine Thoracolumbar Classification System Type A: Compression Injuries <i>Richard J. Bransford, MD</i>
8:05-8:15	Discussion
8:15-8:50	AOSpine Thoracolumbar Classification System Type B: Distraction Injuries <i>John C. France, MD</i>
8:50-9:00	Discussion
9:00-9:35	AOSpine Thoracolumbar Classification System Type C: Translation Injuries <i>Jonathan Belding, MD</i>
9:35-9:45	Discussion
9:45-10:20	Geriatric Thoracolumbar Fractures Care <i>Paul A. Anderson, MD</i>
10:20-10:30	Break

10:30 – 12:00 p.m.	Hands-on Skills Lab	Bio-skills Lab
Anterior Approaches Lab Faculty:		

12:00 p.m. Course Adjourns