### Core Area: Neurosurgery (Spine)

**Subdivisions of Core Area:**

1. Management of Spinal Tumors and AVM’s
2. Thoracolumbar Trauma
3. Spinal Deformity: Basics
4. Adult Deformity: Management
5. Craniocervical Anatomy 3D Presentation
6. Low Back Pain: Diagnostic & Therapeutic Strategies
7. The Aging Spine
8. Craniocervical Trauma
9. Pediatric Spinal Trauma
10. Laminectomy/Discectomy for Degenerative Spinal Disease
11. Spinal Dysraphism and Tethered Cord
12. Repair and Regeneration of the Injured Spinal Cord
13. Management of Cervical Spondylotic Myelopathy: From Basic Science to Recent Clinical Trials
15. Motion Preservation in the Cervical Spine
16. Concussion and Spinal Injury in Athletes
17. Management of Spinal Epidural Metastases
18. Syringomyelia
19. TBI Guidelines
20. All-Day Cadaver Lab – BrainLAB Demonstration on Spinal 3D Navigation
21. Cadaver Lab for Spinal Surgery