

Surgical Anatomy

- Surgical Anatomy of the Transoral Approach
- Transmaxillary Approach to the Clivus and Upper Cervical Spine
- High Retropharyngeal Approach to the Upper Cervical Spine
- Far Lateral Approach to the Craniocervical Junction
- Posterior Approach to the Craniocervical Junction and Posterior Spine
- Anterior Approach to the Midcervical Spine
- Anterior Approach to the Cervicothoracic Junction
- Anterior Transthoracic Approach to the Cervicothoracic Junction
- Posterolateral Approach to the Cervicothoracic Junction and Thoracic Spine
- Thoracoabdominal Approach to the Spine
- Anterior Retroperitoneal Approach to the Lumbosacral Spine
- Posterior Midline and Posterolateral Wiltse Surgical Approach to the Lumbar Spine

Cervical Spine Techniques

- Anterior Cervical Discectomy and Fusion
- Cervical Disk Arthroplasty
- Anterior Cervical Corpectomy
- Transoral Odontoid Excision
- Odontoid Screw Fixation
- Occipitocervical Fusion
- Posterior Atlantoaxial Arthrodesis Techniques
- Posterior Cervical Foraminotomy
- Minimally Invasive Posterior Cervical Foraminotomy
- Posterior Cervical Laminectomy
- Posterior Cervical Fusion and Lateral Mass Screw Fixation
- Minimally Invasive Cervical Lateral Mass Instrumented Fusion
- Cervical Pedicle Fixation
- Laminoplasty
- Posterior Cervicothoracic Osteotomy

Thoracic Spine Techniques

- Posterior Thoracic Discectomy Techniques
- Anterolateral Open Thoracotomy Approach for Thoracic Discectomy
- Anterior Thoracic Corpectomy and Fusion
- Anterior Release and Fusion for Thoracic Scoliosis
- Thoracic Extreme Lateral Interbody Fusion
- Posterior-Only Correction of Adult Thoracolumbar Scoliosis
- Percutaneous Pedicle Screws and Rods for Deformity Reduction
- Smith- Petersen and Pedicle Subtraction Osteotomies
- Posterior Thoracic Vertebral Column Resection

Lumbosacral Spine Techniques

- Lumbar Microdisc
- Tubular Microdiscectomy
- Far Lateral Disk Herniations
- Posterior Lumbar Decompression
- Minimally Invasive Posterior Decompression
- Posterior Lumbar in Situ Fusion
- Posterior Lumbar Facet Fusion

- Anterior Lumbar Interbody Fusion with Fixation
- Anterior Lumbar Arthroplasty
- Anterior Lumbar Corpectomy
- Posterior Lumbar Interbody Fusion
- Open Transforaminal Lumbar Interbody Fusion
- Minimally Invasive Transforaminal Lumbar Interbody Fusion
- Spondylolisthesis Reduction and Fixation Techniques
- Lateral Lumbar Interbody Fusion Surgical Technique
- Interspinous Spacers
- Oncologic Sacrectomy
- Spinopelvic Fixation Techniques

Other Techniques

- Anterior and Posterior Iliac Crest Bone Graft Harvest
- Vascular Rib Graft Harvest
- Lumbar Discography
- Vertebral Body Augmentation Therapy