

---

## **Module 2: Degenerative Diseases of the Spine**

### **SESSION 1: CERVICAL AND LUMBAR : HEARNIATED DISC, DIAGNOSIS**

#### **AND TREATMENT OF RADICULAR PAIN**

- Epidemiology & Natural History of Radicular Pain
- Imaging of Radicular Pain
- Effective Non-Surgical Interventions for Radicular Pain
- Surgery for Radicular Pain in the Lumbar Spine
- Surgery for Radicular Pain in the Cervical Spine
- Case Discussion

### **SESSION 2: LUMBAR SPINAL STENOSIS**

- Spinal Stenosis: Presentation, Natural History, Non-Surgical Treatment
- Surgical Treatment of Lumbar Stenosis
- Case Discussion

### **SESSION 3: CERVICAL AND THORACIC MYELOPATHY**

- Imaging Myelopathy: Techniques & Prognostic Indicators
- Presentation, Causes, Natural History Cervical & Thoracic Myelopathy
- Clinical & Surgical Decision Making In Thoracic Myelopathy
- Clinical & Surgical Decision Making In Cervical Myelopathy
- Case Discussion

### **SESSION 4: SPONDYLOLYSIS AND SPONDYLOLISTHESIS**

- Degenerative Spondylolisthesis
- Spondylolysis & High-Grade Spondylolisthesis

### **SESSION 5: AXIAL SPINE PAIN**

- Obstacles to Recovery
- Non-Surgical Treatment of Back Pain
- Fusion Surgery for Low Back Pain
- Case Discussion

### **SESSION 6: DEGENERATIVE ADULTE DEFORMITY**

- Degenerative Lumbar Deformity
- Case Discussion

---

## **Module 5: Tumors & Inflammatory Diseases of the Spine**

### SESSION 1: VERTEBRAL OSTEOMYELITIS

- Etiology, Pathogenesis, Routes of Spread
- Symptoms & Diagnosis
- Conservative Treatment & Indications for Surgical Treatment
- Surgical Management of Spinal Infections

### SESSION 2: REUMATOID DISEASE

- Etiology, Pathogenesis, Symptoms, Diagnosis
- Stabilizing & Corrective Surgery of the TL Spine (Especially Ankylosing Spondylitis)
- Diagnosis & Treatment of the Occipito- Atlantoaxial Complex

### SESSION 3: METABOLIC BONE DISEASES

- Bone Disorders
- Osteoporosis (Etiology, Diagnosis, Drug Therapy)
- Surgical Considerations in Disorders of the Bone

### SESSION 4: TUMOURS OF THE AXIAL SKELETON

- Benign Tumours and Tumour Like Lesions: diagnosis and management
- Primary Malignant Tumours: diagnosis and management
- Secondary Malignant Tumours: diagnosis and management

### SESSION 5: TUMORS OF THE SPINAL CORD

- Intradural extra medullary Tumours
- Intramedullary Tumours