



## Module 1 Program



### May 14 – Day – 1 Lectures

TIME	TOPIC
08:00-08:10 am	Introduction to A.S.C. Diploma
08:10-08:25 am	Surgical Anatomy of the Lumbar Spine
08:25-08:40 am	Clinical Examination
08:40-08:55 am	Imaging Modalities of Normal Spine
08:55-09:10 am	Pathophysiology of Neurologic Pain
<b>Lumbar Disc Herniation (LDH) and Sciatica</b>	
09:10-09:25 am	LDH and Degeneration: Natural History & Differential Diagnosis
09:25-09:40 am	Medical Treatment of LDH
09:40-09:55 am	Interventional Tx - Lumbar Epidural Steroid Injections
09:55-10:25 am	Coffee Break
10:25-10:40 am	Open Microdiscectomy for LDH
10:40-10:55 am	Percutaneous/Endoscopic Techniques for LDH
10:55-11:10 am	Foraminal and Extra Foraminal Disc Herniation
11:10-11:25 am	Recurrent Disc Herniation
11:25-11:40 am	Complications in LDH - Avoidance and Management
11:40-11:55 am	Cauda Equina Syndrome
11:55-12:25 pm	Case Presentations and Panel Discussion: Lumbar Disc Herniation and Sciatica
12:25-02:00 pm	Lunch Break
<b>Lumbar Canal Stenosis (LCS)</b>	
02:00-02:15 pm	Natural History
02:15-02:30 pm	Clinical Assessment
02:30-02:45 pm	Imaging of LCS
02:45-03:00 pm	Medical Treatment of LCS
03:00-03:15 pm	Interventional Treatment of LCS – Epidural Steroid Injections
03:15-03:30 pm	Surgical Treatment of LCS
03:30-03:45 pm	MIS of Lumbar Stenosis
03:45-04:15 pm	Coffee Break
04:15-04:30 pm	LCS: Stabilize or Not
04.30-04:45 pm	Spondylolisthesis Classification – Natural History
04:45-05:00 pm	Surgery for Grade I – II
05:00- 05:30 pm	Journal Club NEJM Articles Spinal Stenosis and Fusion



## May 15 – Day – 2 Lectures

TIME	TOPIC
<b>Axial Pain</b>	
08:00-08:15 am	Biomechanics of Lumbar Spine
08:15-08:30 am	Pathophysiology of Axial Low Back Pain
08:30-08:45 am	Spinal Alignment and Balance: The Role of the Lumbar Spine
08:45-09:00 am	Understanding Spinal Instability
09:00-09:15 am	Role of Intervertebral Discs in Low Back Pain
09:15-09:30 am	Interventional Treatment of Discogenic Low Back Pain
09:30-09:45 am	Surgical Indications for Axial Low Back Pain and Degenerative Disc Disease
09:45-10:05 am	Fusion Options For Lumbar Degenerative Disease
10:05-10:20 am	Avoiding & Managing Complications Lumbar Fusion
10:20-10:30 am	Discussion
10:30-11:00 am	Coffee Break
<b>Sacro-Iliac (SI) and DiscArthroplasty</b>	
11:00-11:15 am	TDR for Degenerative Lumbar Disease
11:15-11:30 am	Avoiding & Managing Complications Lumbar TDR
11:30-11:45 am	SI Joint Pain, Diagnosis & Medical Management
11:45-12:00 pm	SI Joint Interventional Options
12:00-12:15 pm	SI Joint, Fusion Options and Percutaneous Technique
12:15-12:30 pm	Discussion
12:30-02:00 pm	Lunch Break
<b>Facet Joint Pain, Evidence, Outcomes and Clinical Pearls</b>	
02:00-02:15 pm	Role of Facet (Z-joints) in Low Back Pain
02:15-02:30 pm	Interventional Treatments for Facet-Mediated Pain
02:30-02:45 pm	Hybrid Lumbar TDR and Fusion
02:45-03:00 pm	Evidence Based Medicine/Clinical Guidelines
03:00-03:15 pm	Outcome Measures in Spine Patients
03:15-03:30 pm	Informed Consent
03:30-03:45 pm	Discussion
03:45-04:15 pm	Coffee Break
04:15-04:30 pm	LBP and Systemic Disease
04:30-04:45 pm	DVT Prophylaxis in Spine Surgery
04:45-05:00 pm	Radiation Exposure in Spine Surgery
05:15-05:30 pm	Case Presentations and Panel Discussion: Lumbar DDD

**PRACTICAL WORKSHOP ON MAY 16TH 2023**