

BASIC THORACOLUMBAR PEDICLE SCREW FIXATION TECHNIQUES

Course Overview

This is a practical course designed for spine surgeons to perfect their pedicle screw and interbody placement and fixation techniques utilizing an open approach. Experienced faculty will provide concrete and detailed instructions regarding operative technique, case selection, complication avoidance, and bail-out strategies in order to facilitate a step-wise learning of pedicle screw and interbody fixation.

The didactic session will begin with a discussion of the relevant surgical anatomy and will then progress to discussions of paramedian exposures, pedicle screw and interbody placement and their fixation.

The didactic session will be followed by a sophisticated cadaver lab replicating the operating room set-up in which the participants will have ample opportunity to practice the surgical techniques presented.

Course Objectives

The principle objective of this course is to equip the participants with a level of technical knowledge and comfort that would allow them to improve placement of pedicle screws and preferred interbody implants. Upon completion of this program, the participants should be able to:

Identify the cases best suited for open fusion.

Discuss the technical steps involved in pedicle screw fixation.

Identify and utilize the special features of the S⁴ Spinal system, S⁴ Element Spinal system, and interbody implant systems.

AGENDA

- 7:30 am Breakfast/Registration
- 8:00 am Overview and Relevant Anatomy
- 8:10 am Pedicle Screw and Interbody Fixation
- 8:45 am Break
- 9:00 am Cadaver Workshops
- 12:00 pm LUNCH/ Q & A
- 1:00 pm ADJOURN