

INNOVATIVE TECHNIQUES FOR SPONDYLOLISTHESIS REDUCTION

Course Overview

This is a practical course designed for spine surgeons who prefer to reduce spondylolisthesis utilizing an open approach and would like to identify innovative reduction techniques that simplify the procedure using a single level spine construct. 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 transition to the new technique.

The didactic session will begin with a discussion of the relevant surgical anatomy and will then progress to discussions of prevalent spondylolisthesis reduction techniques comparing it to the new technique, interbody placement, and pedicle screw 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 safely transition their spondylolisthesis reduction from a multi level vertical technique to a single level anatomical technique. Upon completion of this program, the participants should be able to:

Identify the cases best suited for spondylolisthesis reduction.

Discuss the differences between their current technique versus a single level anatomical reduction.

Identify and utilize the special features of the S⁴ Spondylolisthesis Reduction Instrumentation (SRI), Aesculap interbody system, and S⁴ pedicle screws.

AGENDA

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