

# PATHOLOGIES AND ENDOSCOPIC TREATMENT FOR BURST FRACTURES OF THE SPINE

## Course Overview

This course is designed for spine surgeons faced with trauma, specifically burst fractures of the thoraco lumbar region, who wish to learn the latest in instrumentation and prosthetic choice. Experienced faculty will provide detailed instruction on treatment options, operative technique, case selection, complications, and bail-out strategy for fractures of the spine. A didactic session will begin with a discussion of the relevant anatomy and pathology. Surgical exposure options will reinforce smaller incision with a direct view. The didactic session will be followed and reinforced by a comprehensive cadaver program.

## Course Objectives

The principle objective of the course is to equip the participants with information allowing them to make an informed decision pertaining to treatment of burst fractures of the spine. Upon completion of this program, the participants should be able to:

1. Identify and classify burst fractures of the spine
2. Determine the appropriate level of instrumentation based on patient condition
3. Understand the implantation of the MACS TL, Hydrolift VBR, and Fracture Reduction Instrumentation

## AGENDA

- 7:30 AM Breakfast
- 8:00 AM Welcome and Introductions
- 8:05 AM Introduction of Endoscopic TL Surgery  
Pathologies and Current Treatment associated with TL Tumors, Burst Fractures, etc.  
Surgical Technique with Endoscopic MACS-TL
- 8:45 AM Overview of Aesculap VBR (HydroLift )
- 9:00 AM Break
- 9:15 AM **Workshop Part I – Sawbone/Model Demonstration**  
Endoscopic MACS TL  
**Workshop Part II – Cadaver Hands-on Training**  
Endoscopic MACS TL
- 12:00 PM Lunch
- 1:00 PM Adjourn