



# BioSkills

Thoracolumbar  
Advanced Techniques -  
Adult deformities

*Hands on - Spine*

Anatomisches Institut der Universität Tübingen  
Tübingen, Germany  
31 January - 1 February 2018



ZIMMER BIOMET  
Institute

## BioSkills

Life is all about activity. At Zimmer Biomet Institute we therefore believe our delegates should play an active part when learning about new products, surgical techniques or the like. Get your hands and brains on human specimens, sawbones and instruments to deepen your knowledge and enhance your skills!

The specific course objectives include:

- Understand the importance of sagittal balance in the everyday practice
- Describe the rationale and effects of the different types of osteotomies and recognize the possible complications
- Perform the PSO and SPO osteotomies in a safe and effective way
- Identify the different surgical options for the proximal fixation in long constructs surgeries and recognize the possible complications
- Perform the different proximal fixation techniques: Hooks, thoracic screws and laminar band
- Review indications for iliac screw placement and perform the surgical technique

The Zimmer Biomet Institute wishes you a valuable and enjoyable training with us.

Zimmer Biomet Institute



**LEARN. INTERACT. UNDERSTAND. SHARE.**

*Our continuum of education offers a vast range of opportunities to health care providers and Zimmer Biomet team members to **learn, interact, understand** and **share** knowledge about our products, services and about surgical philosophies through a variety of modalities.*

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# Preliminary Program

## Wednesday 31 January 2018

Hotel Krone

15:45 *Registration*

16:00 Welcome & Course Introduction

16:15 Importance of sagittal balance in the clinical everyday practice

R. Hedlund

16:45 Osteotomies: SPO – PSO - VCR

G.A. La Maida

- Rationale – Techniques -Complications

17:00 PJK / PJF

R. Hedlund

17:15 Discussion

All

17:40 *Coffee break, Implants & Instruments*

18:10 Proximal fixation techniques

L.A. Galovich

18:25 Distal fixation techniques

L.A. Galovich

18:40 Cases discussions

All

19:45 Summary & Communications

20:00 *Course dinner*

## Thursday 1 February 2018

Anatomisches Institut der Universität Tübingen

08:00 *Depart Hotel*

08:30 Introduction

All

Anatomy review

Health & Safety

Change into scrubs

09:00 Advanced thoracolumbar techniques

All

- Osteotomies: SPO – PSO - VCR

- Laminar band

- Pedicular and laminar hooks

- Pelvic fixation techniques

Questions & Answers

All

Evaluation & Certification, Closure

13:00 *Lunch & Depart*

## Faculty

### Prof. Rune Hedlund

Aleris Specialistvård, Ortopedi  
Stockholm, Sweden

### Dr. Luis Alvarez Galovich

Hospital Universitario Fundación  
Jimenez Díaz  
Madrid, Spain

### Dr. Giovanni Andrea La Maida

Istituto Gaetano Pini  
Milan, Italy

## Information

### Organisation

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### Course Lead

#### Álvaro Osuna

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### Meeting Venue

Hotel Krone & Anatomisches Institut der  
Universität Tübingen

### Language

English  
(no simultaneous translation available)

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