



## BioSkills

Complex Spine: Thoraco Lumbar  
Advanced Techniques:  
Adolescent Deformity

*Hands on - Spine*

AC Hotel La Finca / Universidad San Pablo CEU  
Madrid, Spain  
15<sup>th</sup> - 16<sup>th</sup> May 2019



ZIMMER BIOMET  
Institute®

## BioSkills

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

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 and coronal balance in AIS
- Describe the Surgical Challenges in the proximal thoracic junction and identify the different surgical options
- Review the different techniques for the management of axial rotation
- Identify and discuss the different surgical options for the distal fixation techniques
- Perform the different proximal fixation techniques: Hooks, thoracic screws and laminar
- Perform lumbo sacral & Iliac al fixation techniques: S1, Ilium, S2AIs

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

Zimmer Biomet Institute



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Zimmer Biomet Institute Network is an **online HCP community** offering **webinars, e-books, tutorials, course-related materials** and much more.

**Choose your field of interest and join our interactive platform: [www.zbnetwork.com/emea](http://www.zbnetwork.com/emea)**

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# Programme

**Wednesday, 15<sup>th</sup> May 2019**

**Hotel AC La Finca**

*14:50 Registration*

15:00 Welcome & Course introduction

## **Pre- Operative Examinations**

15:10 Introduction & main parameter in AIS

K. Martikos

15:30 Axial Rotation & Rib Hump

M. Repko

## **Proximal Thoracic Junction: Surgical Challenges & Techniques**

15:50 UIV Selection

K. Martikos

16:10 Good Practices to prevent and manage PJK/PJF

R. Riise

16:30 Case Presentation and Discussion

All

*16:50 Coffee break*

## **Management of Axial rotation**

17:20 Surgical Techniques for Management of Axial Rotation

M. Repko

17:50 Workshop on Sawbones

All

## **Lumbo Sacral & Iliac Fixation Technique**

18:20 Where to Stop? When to go beyond L4/L5?

M. Repko

18:40 Surgical Techniques for Iliac and Sacral Fixation

R. Riise

19:00 Case Presentation and Discussion

All

19:20 End of Day 1

*20:00 Course dinner*

**Thursday, 16<sup>th</sup> May 2019**

**University BioSkills Lab**

*08:00 Departure to Lab*

08:15 Introduction Day 2  
Health & Safety  
Anatomic Review  
Change into scrubs  
Zimmer Biomet Institute

08:45 **Anatomical Lab**  
Placement of Thoracic Screws  
Placement of Hooks ( Hybrid Construct)  
Sublaminar Bands  
Sacral, Iliac and S2Al Fixation  
Derotation & Deroduction

12:45 Closure, Evaluation & Certification  
Zimmer Biomet Institute

*13:00 Lunch and Departure*







## Invited Faculty

### Dr. Konstantinos Martikos

Istituto Ortopedico Rizzoli  
Bologne, Italy

### Assoc. Prof. Martin Repko

University Hospital Brno  
Brno, Czech Republic

### Prof. Rolf Riise

University Hospital Oslo  
Oslo, Norway

## Information

### Organisation

#### Amandine Masson-Zambonelli

Event planner

Zimmer Biomet Spine

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### Course Lead

#### Álvaro Osuna

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### Meeting Venue

AC Hotel La Finca

Paseo Club Deportivo, 1

Parque Empresarial La Finca

28223 Pozuelo de Alarcon, Madrid

Universidad San Pablo CEU

Madrid, Spain

### Language

English

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