

**European**  
**Spine Journal**  
presents:

# SPINE SCIENCES FORUM

Meet the Experts

Spinal Osteotomies

March 20th - 21st, 2015  
Barcelona, Spain

organized by:





Dear Colleagues and Friends,

At the European Spine Journal's request, experts in the field of spine osteotomies have been carefully selected and asked to provide a paper. The articles presented will be published in the European Spine Journal Supplementum to be released at the beginning of 2015. Participants can already look at them before the event taking place in March 2015 and prepare their questions to the experts.

This peer-reviewed meeting is foreseen to be highly interactive. With this scope, the format has been designed and based on interactive case-based discussion with experts rather than on lectures with residual time left for discussion. Participants will have the chance to interact with some of the most relevant world experts in the field and this meeting is an opportunity to optimize the bridging between the state of the art sciences and clinical practice'.

Meet the Expert Forum is an initiative of the European Spine Journal organized by AOSpine Europe and the EuroSpine Foundation.

Max Aebi  
Chairperson EuroSpine Foundation

Pedro Berjano  
European Spine Journal Board

Robert Gunzburg  
Editor-in-Chief European Spine Journal

Claudio Lamartina  
Chairperson AOSpine Europe

## Forum Chairpersons

Max Aebi	Bern, Switzerland
Pedro Berjano	Milan, Italy
Robert Gunzburg	Uccle, Belgium
Claudio Lamartina	Milan, Italy

## Forum Faculty

Vincent Arlet	Philadelphia, USA
Haluk Berk	Izmir, Turkey
Vedat Deviren	San Francisco, USA
Virginie Lafage	New York, USA
Jean-Charles Le Huec	Bordeaux, France
Ibrahim Obeid	Bordeaux, France
Francisco Sanchez Perez-Gruoso	Madrid, Spain
Pierre Roussouly	Lyon, France
K Daniel Riew	St Louis, USA
Marek Szpalski	Brussels, Belgium
Jean-Marc Vital	Bordeaux, France

Friday, March 20th, 2015

# SPINAL OSTEOTOMIES

## INTRODUCTION

8:00 Opening Presentation

Robert Gunzburg

SESSION 1 :  
SPINAL ALIGNMENT

125'

MODERATOR: Marek Szpalski & Robert Gunzburg

8:10 Principles of thoracolumbar alignment and sagittal balance

Pedro Berjano

8:40 Surgical planning: What matters?

Virginie Lafage

9:00 Information to patients facing high impact surgery: the role of the scientific societies

Haluk Berk

9:20 Principles of cervical alignment and sagittal balance

K Daniel Riew

9:40 Discussion

All

10:15 COFFEE BREAK

SESSION 2 :  
INSTRUCTIONAL COURSE LECTURES (ICL)

160'

Participants will rotate over 8 stations. In each station one expert will explain specific details of an osteotomy technique and will be available for discussion of technical details

	Room 1a	Room 1b	Room 2a	Room 2b	Room 3a	Room 3b	Room 4	Room 5
10:45 ICL 1:	A	B	C	D	E	F	G	H
11:05 ICL 2:	H	A	B	C	D	E	F	G
11:25 ICL 3:	G	H	A	B	C	D	E	F
11:45 ICL 4:	F	G	H	A	B	C	D	E
12:05 ICL 5:	E	F	G	H	A	B	C	D
12:25 ICL 6:	D	E	F	G	H	A	B	C
12:45 ICL 7:	C	D	E	F	G	H	A	B
13:05 ICL 8:	B	C	D	E	F	G	H	A

13:25 LUNCH BREAK

**SESSION 3:**  
**CASE-BASED DISCUSSION OF TOPICS**

280'

	MODERATORS	CASE PRESENTERS	EXPERT LECTURERS
14:20 Topic 1: Cervical osteotomies for neurological deformities	Francisco Sanchez Perez-Grueso	Vedat Deviren	K Daniel Riew
15:10 Topic 2: Three-column osteotomies of the lower cervical and upper thoracic spine	Max Aebi	K Daniel Riew	Vedat Deviren
16:00 COFFEE BREAK			
16:30 Topic 3: Osteotomies in proximal junctional kyphosis in the cervico-thoracic area	K Daniel Riew	Ibrahim Obeid	Claudio Lamartina
17:20 Topic 4: Ponte osteotomies in thoracic deformities	Claudio Lamartina	Max Aebi	Francisco Sanchez Perez-Grueso
18:10 Topic 5: Pedicle subtraction osteotomy in the thoracic spine and thoracolumbar junction	Vincent Arlet	Pedro Berjano	Jean-Charles Le Huec
19:00 Final Remarks			

Saturday, March 21st, 2015

SPINAL OSTEOTOMIES

SESSION 4:

520'

CASE-BASED DISCUSSION OF TOPICS

		MODERATORS	CASE PRESENTERS	EXPERT LECTURERS
8:00	Topic 6: Pedicle subtraction osteotomies (PSO) in the lumbar spine for sagittal deformities	Jean Charles Le Huec	Francisco Sanchez Perez-Grueso	Max Aebi
8:50	Topic 7: Corner osteotomy: a modified pedicle subtraction osteotomy for increased sagittal correction in the lumbar spine	Pierre Roussouly	Claudio Lamartina	Pedro Berjano
9:40 COFFEE BREAK				
10:10	Topic 8: Asymmetrical pedicle subtraction osteotomy in the lumbar spine in combined coronal and sagittal imbalance	Jean-Marc Vital	Pedro Berjano	Claudio Lamartina
11:00	Topic 9: Sacral and pelvic osteotomies for correction of spinal deformities	Vincent Arlet	Jean Charles Le Huec	Pierre Roussouly
11:50	Topic 10: Osteotomy of the spine for multifocal deformities	Pedro Berjano	Vincent Arlet	Ibrahim Obeid
12:40 LUNCH BREAK				
13:40	Topic 11: Spinal osteotomies in the presence of massive epidural scarring	Vedat Deviren	Jean-Marc Vital	Vincent Arlet
14:30	Topic 12: Osteotomies through a fusion mass in the lumbar spine	Ibrahim Obeid	Pierre Roussouly	Jean-Marc Vital
15:20	Closing Remarks			
15:30	End of Forum and Certificate Distribution			

## TABLE OF CONTENTS OF THE SUPPLEMENT ISSUE OF THE EUROPEAN SPINE JOURNAL

AUTHOR	MANUSCRIPT TITLE
Virginie Lafage	Sagittal deformities of the spine: Factors influencing the outcomes and complications
K Daniel Riew	Cervical osteotomies for neurological deformities
Vedat Deviren	Three-column osteotomies of the lower cervical and upper thoracic spine
Claudio Lamartina	Osteotomies in proximal junctional kyphosis in the cervicothoracic area
Francisco Sanchez Perez-Grueso	Ponte osteotomies in thoracic deformities
Jean-Charles Le Huec	Pedicle subtraction osteotomy in the thoracic spine and thoracolumbar junction
Max Aebi	Pedicle subtraction osteotomies (PSO) in the lumbar spine for sagittal deformities
Pedro Berjano	Corner osteotomy: a modified pedicle subtraction osteotomy for increased sagittal correction in the lumbar spine
Claudio Lamartina	Asymmetrical pedicle subtraction osteotomy in the lumbar spine in combined coronal and sagittal imbalance
Pierre Roussouly	Sacral and pelvic osteotomies for correction of spinal deformities
Ibrahim Obeid	Osteotomy of the spine for multifocal deformities
Vincent Arlet	Spinal osteotomies in the presence of massive epidural scarring
Jean-Marc Vital	Osteotomies through a fusion mass in the lumbar spine
Jean-Charles Le Huec	Insufficient restoration of lumbar lordosis and FBI index following pedicle subtraction osteotomy is an indicator of likely mechanical complication
Justin Kemp Scheer	Maintenance of radiographic correction at 2 years following lumbar pedicle subtraction osteotomy is superior with upper thoracic compared with thoracolumbar junction upper instrumented vertebra

## General information

# Spine Sciences' Meet the Experts Forum

**Dates:** March 20th - 21st, 2015

**Venue:** NH Collection Constanza Hotel

Calle Deu i Mata 69-99

08029 Barcelona

Spain

[www.nh-hotels.com/nh/en/hotels/spain/barcelona.html](http://www.nh-hotels.com/nh/en/hotels/spain/barcelona.html)

**Registration fee:** € 450

Early bird fee (20% discount till January 31st): € 360

The fee includes: Forum admission, coffee breaks and luncheons.

For cancellation policies, please refer to the EuroSpine Foundation website.

**Participant registration:** [www.eurospinefoundation.org](http://www.eurospinefoundation.org)

Contact person: Stéphanie Chapuis

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Scientific content: <http://BARCELONA1503.aospine.org>

Contact person: Gabriella Gazzoli

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Accreditation

An application has been made to the UEMS-EACCME® for CME accreditation of this event



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