

European
Spine Journal
presents:

SPINE SCIENCES FORUM

Meet the Experts

Spinal Osteotomies

March 20th - 21st, 2015
Barcelona, Spain

organized by:



European
Spine Journal



Dear Colleagues and Friends,

At the European Spine Journal's initiative, Experts in the field of spinal osteotomies have been carefully selected and asked to provide the Journal with a paper describing their techniques and experience. These articles will be published in the European Spine Journal Supplementum to be released at the beginning of 2015. The Spine Sciences Forum "Meet the Experts" is a meeting aiming at optimizing exchanges of knowledge.

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 opportunity to interact with some of the most relevant world Experts in the field while bridging between the state of the art sciences and clinical practice.

Meet the Experts Forum is jointly 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 Description:

As a participant you can expect to return home with a distinct knowledge that allows you to understand the mechanisms of correction of spinal deformities with osteotomies, the basic aspects of clinical assessment and preoperative evaluation the peculiarities of their application to different standard and challenging clinical situations.

This educational event offers you a challenging learning experience with interactive sessions facilitated by faculty teaching in their field of expertise. All faculty members are internationally recognized experts in the field of osteotomies of the spine. They will help you learning what they are doing every day. The course will comprise of evidence-based lectures, case discussions, and skills demonstrations and will provide ample time for discussion between faculty and participants. Less than 40% of time will be dedicated to lectures, as interactive learning is privileged in this program.

Target participants:

Participants are expected to have more than 10 years of practice in spine surgery or a significant exposure to deformity cases and most of their clinical practice dedicated to spine. Surgeons with active involvement in deformity assessment and treatment are more likely to benefit from this program.

Objectives:

At the end of this course, participants will be able to:

- Diagnose and classify adult sagittal and coronal deformities, based on full spine standing radiographs
- Measure the radiological parameters correlating with clinical outcomes in thoracic and lumbar deformities
- Explain the main mechanisms of compensation in the adult spine with deformity
- Describe the technical difficulties and peculiarities of osteotomies of the spine in different challenging clinical contexts
- Enumerate the different osteotomy techniques and different spinal regions
- Describe the surgical techniques that apply to osteotomies of the spine.
- Assess their own limitations (surgical skills, team organization, hospital environment) to face spinal deformities with osteotomies and refer to other colleagues when appropriate

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-Grueso	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. On each station, one expert will explain specifics of an osteotomy technique and will be available for discussion on the 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

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.europeanspinejournal.org

info@europeanspinejournal.org

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

Contact person: Gabriella Gazzoli

ggazzoli@aospine.org

Accreditation

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



Organizer



Organizer



Patronage