

Upcoming Event

## WORLD FORUM FOR SPINE RESEARCH 2014

The Intervertebral Disc  
from Degeneration to  
Therapeutic Motion Preservation

Xi'an, China • May 15–17, 2014



This international research forum will once again bring together clinicians and established researchers in the fields of disc biology and biomedical engineering in a unique, stimulating environment. Participants, presenters, and faculty will have the opportunity to share their knowledge on basic, translational, and clinical research in the field of the intervertebral disc, focusing on today's knowledge of disc degeneration biology and biomechanics.

### Topics covered

- Disc degeneration—etiology, mechanism and diagnosis
- Motion preservation—biology/biomechanics/clinical
- Back pain—mechanisms and therapy

### Chairpersons

Kenneth Cheung, Hong Kong  
Keita Ito, Netherlands  
Zhuojing Luo, China

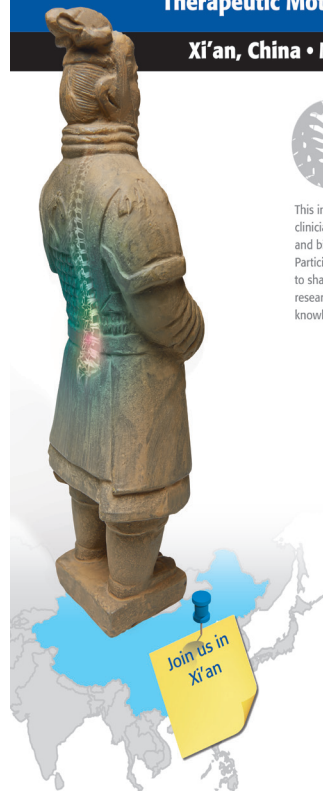
### Advisory Board

Jeremy Fairbank, UK  
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### Call for abstracts opens June 17, 2013

This congress is CME accredited

More information is available on  
[www.spineresearchforum.org](http://www.spineresearchforum.org)



organized by  
 **AOSPINE**

### Course Director



**Germán Ochoa**  
Bogotá, Colombia

### Course Chairmen



**Paul Heini**  
Berne, Switzerland



**Frank Kandziora**  
Berlin, Germany

### Course Faculty



**Roberto Chapa**  
Monterrey, Mexico



**Robert Meves**  
São Paulo, Brazil



**Zdenek Klezl**  
Derby, UK

### Opening hours

Friday 13 December  
8:00 - 18:00

### CME Accreditation

approx. 6 European credits

### Course language

English

### Transportation

Thursday, December 12, 17:00  
Davos Congress Centre to Lucerne

Friday, December 13, 07:15  
Hotel Radisson Blu to AMTS

Friday, December 13, 18:00  
AMTS to Zurich Airport

### Venue

Luzerner Kantonsspital  
6000 Lucerne 16  
Switzerland  
[www.amts.ch](http://www.amts.ch)

### Course organisation

AOSPine International  
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## AOSpine Anatomical Specimen Master Course

Modern Treatment of Fractures:  
from Young to Elderly Patients

13 December 2013

Lucerne, Switzerland



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**Germán Ochoa**  
Chairperson AOSpine Education Commission  
Course Director Anatomical Specimen

WELCOME

Dear colleagues,

Welcome to the AOSpine Anatomical Specimen Course; a course designed to maximize learning through highly interactive small groups of colleagues, with plenty of room for all questions to be answered..

**About AOSpine**  
Our purpose and responsibility is to shape our members’ skills and understanding of spine principles; to establish new values and incentives for the creation of knowledge, the sharing of wisdom, and the development of new tools and techniques that improve patient care, patient outcomes, and advance spine care worldwide.

At AOSpine, we believe it's never too soon or too late to learn. This is the core philosophy that drives AOSpine’s educational activities. AOSpine aims to go above and beyond classical teaching: the goal is to challenge current paradigms, provoke thought, and open the mind to new ideas and skills.

AOSpine also invites spine care professionals to get involved with the organization. As a member-oriented, member-driven organization—it is the elected members that lead and provide direction. Every AOSpine member is free to choose to actively participate and contribute to the atmosphere of collaboration, cooperation, and mentorship within AOSpine. It is through the AOSpine regional boards and the individual AOSpine country councils that members have the opportunity to voice their concerns or suggestions directly to AOSpine.

Yours sincerely,

**Germán Ochoa**  
Chairperson AOSpine Education Commission  
**info** [www.aospine.org](http://www.aospine.org)



Thoracolumbar fractures in the younger patient: The MIS approach

START	AGENDA ITEM	FACULTY
8:00	Welcome & Introduction	G Ochoa
8:05	Treatment concepts of Thoracolumbar fractures	F Kandziora
8:25	Introduction to MIS techniques	F Kandziora
8:55	<b>Group A</b> —Wet Lab	F Kandziora P Heini G Ochoa R Meves
8:55	<b>Group B</b> —Case discussion	Z Klezl R Chapa
10:25	COFFEE BREAK	
10:40	<b>Group B</b> —Wet Lab	F Kandziora P Heini Z Klezl R Chapa
10:40	<b>Group A</b> —Case discussion	G Ochoa R Meves
12:10	Summary and Conclusions	F Kandziora
12:25	LUNCH BREAK	

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PROGRAM  
Morning



Two approaches to osteoporotic fractures: MIS fixation with perforated screws and stentoplasty

START	AGENDA ITEM	FACULTY
13:25	Augmentation Surgery: General Concepts	Z Klezl
14:15	VBS: innovation in concepts and techniques	P Heini
14:15	<b>Group B</b> —Wet Lab	F Kandziora P Heini G Ochoa R Chapa
14:15	<b>Group A</b> —Case discussion	Z Klezl R Meves
15:45	COFFEE BREAK	
16:00	<b>Group A</b> —Wet Lab	F Kandziora P Heini Z Klezl R Meves
16:00	<b>Group B</b> —Case discussion	G Ochoa R Chapa
17:30	Summary and conclusions	P Heini
17:45	Take home message and closing	G Ochoa

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PROGRAM  
Afternoon



Course description

This Anatomical Specimen Course will be held in a familiar atmosphere at the modern facilities of AMTS in Lucerne, Switzerland.

The focus will be on MIS techniques as well as augmentation procedures and how to treat thoracolumbar fractures. The format is back to back, while the first team is putting hands on in the lab, the second team is discussing cases. After that the teams will swop activities. Our international expert Faculty will be closely involved.

Course objectives

- Experience new concepts of treatment for thoracolumbar fractures using percutaneous techniques.
- Become familiar with the new concepts of treatment for fractures associated with osteoporosis.
- Learn “tips and tricks” of the surgical techniques.
- Become familiar with surgery complications and learn how to avoid them.

Aim of the course

Make participants of the course familiar with the minimal invasive techniques in the treatment of thoracolumbar fractures trough applied hands exercises and case discussions.

Target participants

The course is designed for surgeons with a minimum of five year of experience in spine.

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COURSE FORMAT