

# 10th AOSpine Advanced Level Live Tissue Training Days—The Prevention and Management of Complications in Spine Access Surgery

Friday, 1 July 2016—Group B

Strasbourg, France



## Welcome to Strasbourg

Dear colleagues,

AOSpine Europe is committed to an ongoing program of continuous medical education, with input from the main spine-focused disciplines of neurosurgery, traumatology and orthopedic surgery as well as related disciplines like vascular and general surgery, radiology, physiotherapy and nursing.

To provide excellence in spine education and in recognition of the need for specific training directed at the management of vascular and visceral injuries particular to spine surgery, AOSpine Europe is proud to once again present the course:

### 10th AOSpine Advanced Level Live Tissue Training—Prevention and Management of Complications in Spine Access Surgery

A selected faculty of the highest repute consisting of access, vascular, general, urological and thoracic surgeons will offer participants the opportunity of a supervised live tissue training on anesthetized pigs.

34 participants per day (two participants, one faculty and one ORP per live surgery table) will receive supervised training on vascular, visceral, ureteral and pulmonary repair techniques.

AOSpine Europe is dedicated to delivering the highest level of training so we have chosen to run the course at the renowned IRCAD Institute in Strasbourg, which is a world leader in live-tissue education, with unmatched facilities for complication simulation and repair techniques training.

We look forward to providing you with new knowledge and confidence in the art of spinal access surgery.

Sincerely,



**Andreas Korge**  
Chairperson  
Munich, Germany



**José Consciência**  
Educational Advisor,  
Lisbon, Portugal

## AOSpine Curriculum

This educational event carries the AOSpine Curriculum logo. This indicates that the program, content, and objectives have been developed based on the Curriculum framework and that the event meets the implementation criteria defined by the AOSpine Education Commission (AOSEC). For more information, visit [www.aospine.org](http://www.aospine.org)

## Course Description

In a **live tissue environment** (anesthetized pigs), participants will experience:

- The common approaches (anterior) to the thoracic and lumbar spine
- Recognize important anatomical structures relevant to each approach
- Principles in the avoidance and management of common complications
- Vascular repair, selected visceral, abdominal and thoracic repair techniques

## Target Participants

This course is targeted at surgeons and other specialists with 3 to 10 years of experience in spine surgery, who are aiming to further improve their knowledge and/or specialization in the management of spinal trauma and specific techniques.

## Course Objectives

After the course, participants should be able to:

- Be able to select the appropriate approach for the type of pathology and instrumentation
- Recognize advantages/disadvantages and limitations of each approach
- Be able to identify and avoid damage to important structures relevant to an approach
- Practical principles of vascular, pulmonary and bowel repair
- Practical competency in assisted repair of the above

## Accreditation

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

## Chairperson

Korge

Andreas

Munich, Germany

## Educational Advisor

Consciência

José

Lisbon, Portugal

## Table Instructors

Assaker

Richard

Lille, France

Aydinli

Ufuk

Bursa, Turkey

Balsano

Massimo

Santorso, Italy

Berjano

Pedro

Milan, Italy

Boszczyk

Bronek

Nottingham, United Kingdom

Diez Ulloa

Maximo Alberto

Santiago de Compostela, Spain

Klezl

Zdenek

Derby, United Kingdom

Lamartina

Claudio

Milan, Italy

Mehren

Christoph

Munich, Germany

Morrison

Robert

Fürth, Germany

Neves

Nuno

Porto, Portugal

Oner

Cumhur

Utrecht, Netherlands

Schizas

Constantin

Lausanne, Switzerland

Toomela

Taavi

Tallinn, Estonia

Tropiano

Patrick

Marseille, France

## Project Manager

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## Course Program: Tables 1-8

| TIME   | AGENDA ITEM   | WHO                |
|--|---|--------------------|
| 07:15–07:45  | Participants' registration and welcome coffee   |                    |
| 07:45–08:00  | Welcome   | Andreas Korge      |
| 08:00–08:30  | Anatomy of the pig  | Veterinary surgeon |
| <b>Practical 1    Lumbar and cervical spine</b>        |   |                    |
| 08:30–12:15  | <div>Anterior retroperitoneal approach to the lower lumbar spine, vascular and visceral repair<ul style="list-style-type: none"><li>• Approach to the lumbar spine (vascular, intestine and cervical)</li><li>• Venous and arterial injuries and repair techniques, part 1</li><li>• Visceral injury repair</li><li>• Ureteral injury and repair</li></ul></div> <div>Anterior cervical spine<ul style="list-style-type: none"><li>• Oesophageal injury</li><li>• Arterial injury</li></ul></div> |                    |
| 12:15–13:15  | LUNCH BREAK   |                    |
| 13:15–14:00  | <b>Ask the Specialist—Questions and answers</b>   |                    |
| 14:00–14:15  | COFFEE BREAK  |                    |
| <b>Practical 2    Thoracic and thoracolumbar spine</b> |   |                    |
| 14:15–18:00  | <div>Exposure of the thoracolumbar spine, vascular and visceral repair<ul style="list-style-type: none"><li>• Approach to the thoracic spine</li><li>• Extension of incision and section of diaphragm—thoracoabdominal approach</li><li>• Venous and arterial injuries and repair techniques, part 2</li><li>• Pulmonary injury and repair</li></ul></div>  |                    |

## Course Program: Tables 9-17

| TIME        | AGENDA ITEM                                   | WHO                |
|-------------|---|--------------------|
| 07:15–07:45 | Participants' registration and welcome coffee |                    |
| 07:45–08:00 | Welcome                                       | Andreas Korge      |
| 08:00–08:30 | Anatomy of the pig                            | Veterinary surgeon |

### **Practical 2 Thoracic and thoracolumbar spine**

|             |   |  |
|-------------|---|--|
| 08:30–12:15 | Exposure of the thoracolumbar spine, vascular and visceral repair <ul style="list-style-type: none"> <li>• Approach to the thoracic spine</li> <li>• Extension of incision and section of diaphragm—thoracoabdominal approach</li> <li>• Venous and arterial injuries and repair techniques, part 2</li> <li>• Pulmonary injury and repair</li> </ul> |  |
| 12:15–13:15 | LUNCH BREAK   |  |
| 13:15–14:00 | <b>Ask the Specialist—Questions and answers</b>   |  |
| 14:00–14:15 | COFFEE BREAK  |  |

### **Practical 1 Lumbar and cervical spine**

|             |   |  |
|-------------|---|--|
| 14:15–18:00 | Anterior retroperitoneal approach to the lower lumbar spine, vascular and visceral repair <ul style="list-style-type: none"> <li>• Approach to the lumbar spine (vascular, intestine and cervical)</li> <li>• Venous and arterial injuries and repair techniques, part 1</li> <li>• Visceral injury repair</li> <li>• Ureteral injury and repair</li> </ul> Anterior cervical spine <ul style="list-style-type: none"> <li>• Oesophageal injury</li> <li>• Arterial injury</li> </ul> |  |
|-------------|---|--|

## General Information

### Event Venue

IRCAD/EITS  
Hôpitaux Universitaires  
1, place de l'Hôpital  
FR-67091 Strasbourg  
Phone: +33 388 119 000x  
Email: [info@ircad.fr](mailto:info@ircad.fr)  
[www.ircad.fr](http://www.ircad.fr)

### Registration fee

|                    |          |
|--------------------|----------|
| AOSpine members    | EUR 1485 |
| AOSpine associates | EUR 1650 |

### Included in course fee

Conference bag with documentation, coffee breaks, lunch, dinner on 30 June 2016 and course certificate.

### Registration and payment options

Online on the AOSpine website at  
<http://www.aospine.org/strasbourg/>

### No insurance

The course organization does not take out insurance to cover participants against cancellation of course, accidents, or other risks.

### Security

Security check at the entrance of the building.  
Access permitted with name tag only.

### Dress code

 Casual

### Course language

 English

### Mobile phone use

Mobile phone use is not allowed in the lecture halls and in practical exercise rooms. Please be considerate of others by turning your mobile phone to off.

### Photography

Photos taken during the event may be used as AOSpine promotional material. Please inform the AOSpine Project Manager if you do not wish photos of yourself to be used.

### Intellectual property

Course materials, presentations, and case studies are the intellectual property of the event faculty. All rights are reserved.

Check hazards and legal restrictions on [www.aospine.org/legal](http://www.aospine.org/legal).

Recording, photographing, or copying of lectures, practical exercises, case discussions, or any course materials is absolutely forbidden. The AO Foundation reserves the right to film, photograph, and audio record during their events. Participants must understand that in this context they may appear in these recorded materials. The AO Foundation assumes participants agree that these recorded materials may be used for AO marketing and other purposes, and made available to the public.

### Partners

This event is supported with an unrestricted educational grant and in-kind support from the following partners:

- Baxter Healthcare SA
- DePuy Synthes
- ZEISS Group

### Partner disclaimer

An application has been made by DePuy Synthes to Eucomed for compliance approval of this event.

## AOSpine Europe Education

AOSpine welcomes the participation of our partners in supporting our efforts to deliver education of the highest quality. Industry partners agree to the following at this educational event.

### 1. Introduction

- This event is for the benefit of the AOSpine community
- The objective is to offer the highest quality education in spine surgery

### 2. Academic Independence

- This event must be free from commercial bias or influence
- The content of this event will focus solely on the teaching of medical principles, knowledge, skills and generic techniques
- The event chairpersons are solely responsible for determining faculty, topic and program
- Our industry partners provide logistical support, including workshop material and technical support

### 3. Branding

- The AOSpine logo and associated imagery must be the only visible corporate branding
- Commercial advertising—including but not limited to promotional materials, merchandizing items and gifts—is not permitted
- Our industry partners' logistical support may be mentioned in the event program, but without any use of logos

### 4. Product Usage

- Products may only be visible in a neutral setting, ie, free from any corporate branding
- Products may only be displayed in areas as defined by the event chairpersons; products should never be displayed in lecture theatres, and in principle neither in reception areas nor in food and beverage areas
- Any practical workshops must take place in an area clearly designated as a workshop area, and clearly separate from any lecture, discussion group, social or rest areas
- Such workshops may only be run by members of this event's faculty
- Surgical technique manuals may be made available to participants upon request

### 5. Venue & Personnel

- This event may not be held at the premises of any industry partner
- The presence of industry partners is solely to provide discrete background logistical support
- The ratio of each industry partner's representatives to participants at this event may not exceed 1:10
- Industry partners may join meals and breaks, but may not use these as sales opportunities
- The aggressive use of this event as a sales opportunity is not permitted
- The presence of industry partners at any practical workshops must remain discrete at all times

All logistics handled by partner representatives must be conducted in accordance with this and with the approval of AOSpine (event chairpersons and the AOSpine Europe division), to ensure the event's academic independence.