



Event program

# AOSpine Advanced Level Specimen Course—Anterior Spine Surgery and Approaches

September 8–9, 2016

Innsbruck, Austria



AOSpine—the leading global academic community for innovative education and research in spine care, inspiring lifelong learning and improving patients' lives.

## Welcome to Innsbruck

Anterior approaches are important for spine surgeons since not all spine related pathologies can be adequately addressed by a posterior approach.

However some spine surgeons commonly use posterior techniques and some are not trained to do anterior procedures without the assistance of a general surgeon or an access surgeon.

This course will teach orthopedic-, neuro-, and trauma spine surgeons the principals of anterior approaches to the lumbar, thoracic and cervical spine. The program includes the indications for degenerative, tumor, trauma and deformity cases. The focus of this course is to teach clinically relevant issues and to provide the participant with tips and tricks for everyday practice in the operating theatre.

There are some possible complications associated with anterior approaches. Therefore this course will also deal with the management of these complications. Interactive case discussions will be integrated into the program as these proved extremely popular in the past.

We look forward to welcoming you to Innsbruck.

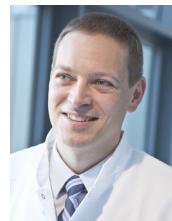
Sincerely,



**Christian Bach**  
Chairperson  
Feldkirch, Austria



**Michael Gabl**  
Chairperson  
Innsbruck, Austria



**Claudius Thomé**  
Educational Advisor  
Innsbruck, Austria

## 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 the different sections of the course, a theoretical introduction is followed by practical exercises on the cadavers under instruction of the faculty with one instructor per table. Each participant will have the opportunity to perform the approaches himself.

## Target Participants

- Orthopedic surgeons
- Neuro surgeons
- Spine surgeons
- Trauma surgeons

## Course/Symposium Objectives

The course participant should get a thorough overview of possible indications for anterior approaches and the knowledge of how to perform the approach to the spine.

## Accreditation

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

## Chairpersons

|      |           |                    |
|------|-----------|--------------------|
| Bach | Christian | Feldkirch, Austria |
| Gabl | Michael   | Innsbruck, Austria |

## Educational Advisor

|       |          |                    |
|-------|----------|--------------------|
| Thomé | Claudius | Innsbruck, Austria |
|-------|----------|--------------------|

## Local Host

|          |         |                    |
|----------|---------|--------------------|
| Bernhard | Moriggl | Innsbruck, Austria |
|----------|---------|--------------------|

## Faculty

|           |           |                    |
|-----------|-----------|--------------------|
| Achatz    | Wolfgang  | Villach, Austria   |
| Grohs     | Josef     | Vienna, Austria    |
| Hiertz    | Helmut    | Wels, Austria      |
| Hofmann   | Wolfgang  | Feldkirch, Austria |
| Ivanic    | Gerd      | Graz, Austria      |
| Kavakebi  | Pujan     | Innsbruck, Austria |
| Krismer   | Martin    | Innsbruck, Austria |
| Mousavi   | Mehdi     | Vienna, Austria    |
| Mühlbauer | Manfred   | Vienna, Austria    |
| Örley     | Alexander | Innsbruck, Austria |
| Peschel   | Reinhard  | Innsbruck, Austria |
| Sarahrudi | Kambiz    | Vienna, Austria    |
| Seitz     | Helmut    | Graz, Austria      |

## Project Manager

AOSpine Europe  
Diana Daaboul  
Stettbachstrasse 6

Phone: +41 44 2002 445  
Fax: +41 44 2002 412  
Email: ddaaboul@aospine.org

## Thursday, September 8, 2016

| TIME  | AGENDA ITEM  | WHO  |
|---|--|--|
| 07:45–08:00   | Registration   |  |
| 08:00–08:05   | Welcome  | C Bach, M Gabl   |
| 08:05–08:10   | Introduction to AOSpine  | C Bach, M Gabl   |
| 08:10–08:20   | Introduction to Anatomy  | B Moriggl  |
| <b>Lumbar spine—Anterior approaches</b>   |  |  |
| 08:20–08:40   | Surgical anatomy and technique ALIF  | W Achatz   |
| 08:40–09:00   | Surgical anatomy and technique pararectal transperitoneal approach                       | W Achatz   |
| <b>Lumbar spine—Lateral approaches</b>  |  |  |
| 09:00–09:20   | Surgical anatomy and technique XLIF  | C Bach   |
| 09:20–09:40   | Thoracoabdominal exposure  | C Bach   |
| <b>COFFEE BREAK</b>   |  |  |
| <b>Lumbar spine—Indications anterior approaches</b>                               |  |  |
| 10:00–11:30   | Degenerative, Tumor, Trauma  | W Achatz, C Bach,<br>P Kavakebi, M<br>Mousavi                                    |
| <b>LUNCH</b>  |  |  |
| <b>Specimen Workshop 1: lumbar spine, anterior approaches and instrumentation</b> |  |  |
| 13:00–15:00   | ALIF, Arthroplasty, Pararectal left, Median laparotomy,<br>Thoracolumbar transition left | W Achatz, C Bach,<br>J Grohs, H Hiertz,<br>P Kavakebi, M<br>Mousavi, K Sarahrudi |
| <b>COFFEE BREAK</b>   |  |  |
| <b>Anterior lumbar spine surgery—Complications</b>                                |  |  |
| 15:20–15:40   | Review literature  | P Kavakebi   |
| 15:40–16:00   | Complications in anterior spine surgery  | M Krismer  |
| 16:00–16:20   | Vascular complications   | W Hofmann  |
| 16:20–16:40   | Ureter complications   | R Peschel  |
| 16:40–18:30   | Complications/Revision/Infection   | W Achatz, C Bach,<br>M Gabl, H Hiertz,<br>G Ivanic, M Mousavi                    |

## Friday, September 9, 2016

| TIME   | AGENDA ITEM   | WHO   |
|--|---|---|
| <b>Thoracic spine</b>                          |   |   |
| 08:00–08:20                                    | Surgical Anatomy and Technique:<br>Minithoracotomy<br>Approach                            | M Gabl, K Sarahrudi   |
| 08:20–08:40                                    | Surgical Anatomy and Technique:<br>Wedge Osteotomy/VCR                                    | C Bach, M Gabl  |
| 08:40–09:45                                    | Indications anterior approaches thoracic spine:<br>Degenerative, Tumor, Trauma, Deformity | C Bach, M Gabl,<br>J Grohs, G Ivanic  |
| COFFEE BREAK                                   |   |   |
| <b>Specimen Workshop 2: lateral approaches</b> |   |   |
| 10:15–12:00                                    | XLIF, ALPA, the right trans-psoas approach, lateral lumbotomy, thoracotomy, VCR           | C Bach, M Gabl,<br>J Grohs, G Ivanic<br>P Kavakebi,<br>K Sarahrudi, H Seitz |
| LUNCH  |   |   |
| <b>Anterior cervical spine</b>                 |   |   |
| 13:00–13:15                                    | Surgical anatomy and technique standard anterior exposure                                 | M Mühlbauer   |
| 13:15–13:30                                    | Surgical anatomy and technique standard anterior exposure:<br>Cervicothoracic transition  | M Gabl  |
| 13:30–13:45                                    | Surgical anatomy and technique standard anterior exposure:<br>Upper C-Spine / C1-C2       | A Örley   |
| 13:45–15:15                                    | Indications anterior approaches cervical spine: Degenerative, Tumor, Trauma, Deformity    | H Hiertz, P Kavakebi, M Mühlbauer, A Örley, H Seitz                         |
| COFFEE BREAK                                   |   |   |
| <b>Specimen Workshop 3: C-Spine</b>            |   |   |
| 15:45–17:00                                    | Anterior exposure C2 to TH3   | M Gabl, H Hiertz,<br>P Kavakebi,<br>M Mühlbauer,<br>A Örley, H Seitz        |
| End of course                                  |   |   |



The AOSpine bookshelf

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All AOSpine Books are available  
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[www.aospine.org/shop](http://www.aospine.org/shop)



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## General Information

### Event Venue

Medizinische Universität Innsbruck  
Sektion für Klinisch-Funktionelle Anatomie  
Müllerstrasse 59  
A-6020 Innsbruck

### Registration fee

|                        |              |
|------------------------|--------------|
| AOSpine members (-10%) | Euro 1'440.– |
| AOSpine non-members    | Euro 1'600.– |

### Included in course fee

Course bag, coffee breaks, lunches, dinner and course certificates.

### Payment options

Bank: Bank Austria/Creditanstalt Salzburg  
Name of Account: „AOSpine Austria“  
Address of Bank: Bank Austria/Creditanstalt,  
Rainerstrasse 2, A-5020 Salzburg  
BIC: BKAUATWW  
IBAN: AT08 1200 0009 5161 6201  
Code word: AOSpine Course Innsbruck  
Please note that your participation is granted upon payment receipt only.

### No insurance

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

### Dress code

Casual

### Security

Access permitted with name tag only.

### 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 a unrestricted educational grant and in kind support from the following partners:

- DePuy Synthes

### 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.

## Membership

# Join the leading global community of spine surgeons

### **AOSpine community**

AOSpine is the leading global academic community for innovative education and research in spine care, inspiring lifelong learning and improving patients' lives.

### **Education and Career Development**



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Evidence-Based Spine-Care Journal



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spine journals



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please visit [www.aospine.org/membership](http://www.aospine.org/membership)  
[membership@aospine.org](mailto:membership@aospine.org)

We look forward to welcoming you to the AOSpine global community!



Global Spine Congress

**2017**

# The Global Spine Congress heads to Europe



Global Spine Congress  
**Milan, Italy | May 3–6, 2017**

**[www.gsc2017.org](http://www.gsc2017.org)**

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 **AOSPINE**