

AO Spine Masters Seminar— Adult Spinal Deformities: Updates from Key Opinion Leaders

September 30–
October 1, 2022

Lyon,
France

PROGRAM



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Mission

The AO's mission is promoting excellence in patient care and outcomes in trauma and musculoskeletal disorders.

Purpose statement

The global academic spine community promoting excellence in patient care and outcomes

The AO Spine principles

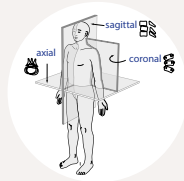
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Stability

Stabilization to achieve a specific therapeutic outcome

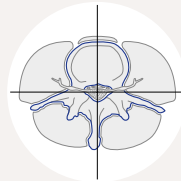
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Alignment

Balancing the spine in three dimensions

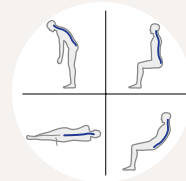
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Biology

Etiology, pathogenesis, neural protection, and tissue healing

4



Function

Preservation and restoration of function to prevent disability

Welcome to Lyon

Dear Colleagues and Friends,

On behalf of the AO Spine Europe, we welcome you to the AO Spine Masters Seminar dedicated to adult spinal deformities in Lyon (France), Cité Internationale, from September 30 to October 1, 2022.

This one day and a half course will cover a wide range of topics from decision making and artificial intelligence to surgical strategy and complications, Specific conditions like degenerative lumbar scoliosis, Parkinson's disease, severe angular deformities, and high-grade spondy or osteoporotic kyphosis will also be covered.

A unique panel of national and international faculties, regrouping European key opinion leaders with tremendous experience in the field, will be involved and ensure a high-quality scientific level of the event.

The course format is highly interactive, including nine case-based sessions and three debates. A significant time will be offered to discuss and share knowledge and information between participants and faculty. In addition, three expert lectures will be given by Prof. Jean Dubousset (Paris), Prof. Ferran Pellisé (Barcelona), and Prof. Hugues Pascal-Moussellard (Paris).

The city of Lyon is a unique and fantastic place to enjoy all aspects of the "French culture." May we invite you to walk by foot through the city, cross the two Rivers of Lyon (Le Rhône and La Saone), observe the basilica of Fourvière from the Place Bellecour, lose your way through the "Halles gastronomiques Paul Bocuse," and finally take place in a "Bouchon", so-called the typical lyonnais restaurant, and appreciate the "French Cuisine"?

Looking forward to seeing you in Lyon next autumn to enjoy this great Masters AO Spine Seminar on adult spinal deformities,

Sincerely yours!



Cédric Barrey
Lyon



Philippe Bancel
Paris

Seminar description

Adult spinal deformity may affect up to 30% of the population after 60 years.

Current literature reports an extensive range of clinical outcomes, deformity correction, surgical strategy, peri-operative morbidities, and complications in adult spinal deformity.

Debates and controversies on pre-operative evaluation, decision making, surgical planning, and strategy are still ongoing when new concepts and new technologies like artificial intelligence emerge.

This one-day and a half Masters Seminar is based on case-discussion sessions, lectures, and debates conducted by leading spinal deformity surgeons and will allow the participants to get the current controversies and most-recent recommendations on the field from the top experts.

Target participants

The seminar is targeted at certified neurosurgeons or orthopedic surgeons interested in spinal deformities and seeking to improve their knowledge in this topic.

Learning objectives

After the event, the participants will be able to:

- Evaluate clinically and radiographically an adult spinal deformity
- Establish proper decision making
- Plan and simulate the surgical procedure
- Demonstrate knowledge in choosing the type of spinal osteotomies
- Identify and manage complications
- Adapt the surgical options to specific conditions

Chairpersons

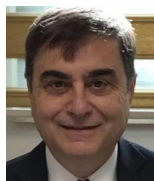


Philippe Bancel
Clinique Arago
Paris, France



Cédric Barrey
Hospices Civils
Lyon, France

Educational Advisor



Ufuk Aydinli
Liv Hospital Vadistanbul
Istanbul, Turkey

International faculty

Antonio Faundez

Hôpital de La Tour, Geneva, Switzerland

Ferran Pellisé

Vall d'Hebron University Hospital, Barcelona, Spain

National faculty

Yann-Philippe Charles

CHU, Strasbourg

Daniel Chopin

CHRU, Lille

Michael Grelat

Clinique du Parc, Lyon

Ibrahim Obeid

Clinique de Bordeaux-Terrefort, CHU, Bordeaux

Hugues Pascal-Moussellard

Hôpital Pitié-Salpêtrière (AP-HP), Paris

Guillaume Riouallon

Hôpital Saint-Joseph (AP-HP), Paris

Honorary Lecturer

Jean Dubousset

Académie Nationale de Chirurgie, Paris, France

Friday

September 30, 2022

09:15–09:45	Participants registration	
09:45–10:00	Welcome and introduction of AO Spine and Faculty	C Barrey, P Bancel
10:00–10:20	Expert lecture 1: Instrumentation is not always the solution	J Dubousset

Session 1 Decision Making in ASD

10:20–10:35	Lecture: Pre-op evaluation: What does matter?	G Riouallon
10:35–10:40	Clinical case	YP Charles
10:40–10:55	Discussion	All
10:55–11:00	Case solution and take-home messages	YP Charles

Debate 1 Free-hand versus CT-guided Screws Implantation for ASD

11:00–11:10	Free-hand is safe and maybe an option	C Barrey
11:10–11:20	CT-guided is my standard	M Grelat
11:20–11:30	Discussion	All

Session 2 Degenerative Lumbar Scoliosis

11:30–11:45	Lecture: Degenerative lumbar scoliosis: What should we analyze?	P Bancel
11:45–11:50	Clinical case	D Chopin
11:50–12:05	Discussion	All
12:05–12:10	Case solution and take-home messages	D Chopin
12:10–13:30	Lunch break	
13:30–13:50	Expert lecture 2: Artificial intelligence and ASD surgery	F Pellisé

Session 3 Technical Corner—Spinal osteotomies

13:50–14:05	Lecture: Spinal osteotomies – what did we learn from the past?	C Barrey
14:05–14:10	Clinical case	H Pascal-Moussellard
14:10–14:25	Discussion	All
14:25–14:30	Case solution and take-home messages	H Pascal-Moussellard

Debate 2

Stop at TL junction versus upper thoracic spine

14:30–14:40	Stop at TL junction is my best option	G Riouallon
14:40–14:50	Go to upper thoracic spine needs to be considered	I Obeid
14:50–15:00	Discussion	All

Session 4

Rod Breakage in ASD surgery

15:00–15:15	Lecture: Rod breakage in ASD surgery – How to prevent?	YP Charles
15:15–15:20	Clinical case	M Grelat
15:20–15:35	Discussion	All
15:35–15:40	Case solution and take-home messages	M Grelat
15:40–16:10	Coffee break	

Session 5

Pelvic Fixation Failure

16:10–16:25	Lecture: What to do when my sacro-pelvic fixation fails?	H Pascal-Moussellard
16:25–16:30	Clinical case	G Riouallon
16:30–16:45	Discussion	All
16:45–16:50	Case solution and take-home messages	G Riouallon

Session 6

High-grade Spondy

16:50–17:05	Lecture: High-grade spondy: Still a challenge?	D Chopin
17:05–17:10	Clinical case	F Pellisé
17:10–17:25	Discussion	All
17:25–17:30	Case solution and take-home messages	F Pellisé
17:30	End of the day	

Saturday

October 1, 2022

09:00–09:20	Expert lecture 3: Osteoporotic kyphosis	H Pascal-Moussellard
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Session 7 Proximal Junctional Kyphosis

09:20–09:35	Lecture: Proximal junctional kyphosis: Is it predictable?	A Faundez
09:35–09:40	Clinical case	P Bancel
09:40–09:55	Discussion	All
09:55–10:00	Case solution and take-home messages	P Bancel

Debate 3 Anterior column realignment (ACR) versus posterior surgery

10:00–10:10	Anterior Column Realignment does the job	YP Charles
10:10–10:20	Posterior surgery remains competitive	D Chopin
10:20–10:30	Discussion	All
10:30–10:50	Coffee break	

Session 8 Severe Scoliosis >80°

10:50–11:05	Lecture: Which strategy for adult scoliosis >80°?	I Obeid
11:05–11:10	Clinical case	C Barrey
11:10–11:25	Discussion	All
11:25–11:30	Case solution and take-home messages	C Barrey

Session 9

Parkinson and Deformities

11:30-11:45	Lecture: Should we operate Parkinson patients?	F Pellisé
11:45-11:50	Clinical case	I Obeid
11:50-12:05	Discussion	All
12:05-12:10	Case solution and take-home messages	I Obeid
12:10-12:30	Questions and answers, Closing remarks	P Bancel, C Barrey

Event organization

Organization

Catherine Antonetti
E-mail: catherine.antonetti@aofoundation.org

Participants' contact:

AO Global Event Services
E-mail: aoges.emea@aofoundation.org

Registration fee

Members: EUR 405 (10 % discount)
Non-members: EUR 450
Included in the course fee is a conference bag with documentation, coffee breaks, lunch, course dinner, and a course certificate.

Language

English

Registration

<https://sforce.co/3qbBHSB>

European CME accreditation

For this event the UEMS-EACCME® in Brussels have granted 8 European CME credits (ECMEC).

Event organization compliance

In certain countries where AO has no office but offers educational events, the AO cooperates with third party companies to conduct local organization and logistics, as well as to communicate with participants in the local language. In these cases, the AO has put rules and guidelines in place to ensure that this cooperation has no impact on the curricula, scientific program, or faculty selection.

AO funding sources

Unrestricted educational grants from different sources are collected and pooled together centrally by the AO. All events are planned and scheduled by local and regional AO surgeon groups based on local needs assessments. We rely on industrial commercial partners for in-kind support to run simulations and/or skills training if educationally necessary.

Venue

Lyon Marriott Hotel Cité Internationale

Quai Charles de Gaulle 70
69463 Lyon
France
Phone +33 (0) 4 78 17 50 66
E-mail events@lavorelhotels.com

General information

Disclosures and conflicts of interest

Disclosure information and potential conflicts of interest (COI) can be viewed at the event webpage.

Evaluation guidelines

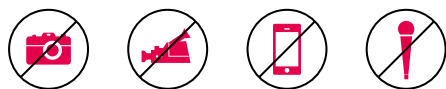
All AO Spine events apply the same evaluation process, which includes pre- and post-event online evaluation and on-site written questionnaires. These evaluation tools help ensure that AO Spine continues to meet your training needs.

Intellectual property

Event materials, presentations, and case studies are the intellectual property of the event faculty.

All rights are reserved. For more information, please see: www.aofoundation.org/legal.

Recording, photographing, or copying lectures, practical exercises, case discussions, or any event materials is strictly forbidden. Participants violating intellectual property will be dismissed.



The AO Foundation reserves the right to film, photograph, and audio record during its 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 the AO's marketing and other purposes, and that they may be made available to the public.

Security

Wearing of a name tag is compulsory during lectures, workshops, and group discussions.

No Insurance

The event organization does not take out insurance to cover any individual against accident, theft, or other risks.

Use of mobile phones

Use of mobile phones is not permitted in the lecture halls or in other rooms during educational activities. Please be considerate of others by turning off your mobile phone.

Sponsors

We thank our major industry partner DePuy Synthes, Climdal and Climdal UU, Inomed and Noraker for providing an unrestricted educational grant for this event.



Principles of AO educational events

1. Academic independence

Development of all curricula, design of scientific event programs, and selection of faculty are the sole responsibilities of volunteer AO network surgeons.

All education is planned based on needs assessment data, designed and evaluated using concepts and evidence from the most current medical education research, and reflects the expertise of the AO Education Institute (www.aofoundation.org).

Industry participation is not allowed during the entire curriculum development and planning process to ensure academic independence and to keep content free from bias.

2. Compliance to accreditation and industry codes

All planning, organization, and execution of educational activities follow existing codes for accreditation of high-quality education:

- Accreditation Criteria of the Accreditation Council for Continuing Medical Education, US (www.accme.org)
- ACCME Standards for Commercial Support: Standards to Ensure Independence in CME Activities (www.accme.org)
- Criteria for Accreditation of Live Educational Events of the European Accreditation Council for Continuing Medical Education (www.uems.eu)

Events that receive direct or indirect unrestricted educational grants or in-kind support from industry also follow the ethical codes of the medical industry, such as:

- Eucomed Guidelines on Interactions with Healthcare Professionals (www.medtecheurope.org)
- AdvaMed Code of Ethics on Interactions with Health Care Professionals (www.advamed.org)
- Mecomed Guidelines on Interactions with Healthcare Professionals (www.mecomed.com)

3. Branding and advertising

No industry logos or advertising (apart from the AO Foundation and its clinical divisions) are permitted in the area where educational activities take place.

Sponsors providing financial or in-kind support are allowed to have a promotional booth or run activities outside the educational area with approval from the event chairperson.

4. Use of technologies and products in practical sessions

In case practical sessions are chosen as an educational method to educate skills, the technologies and products used have been approved or reviewed by the AO Technical Commission—a large independent group of volunteer surgeons developing and peer-reviewing new technology on behalf of the AO Foundation.

Any technology and/or products used in the practical sessions of this event have been found suitable to serve the defined educational purposes.

This does not imply any statement about its use and performance in actual clinical scenarios.

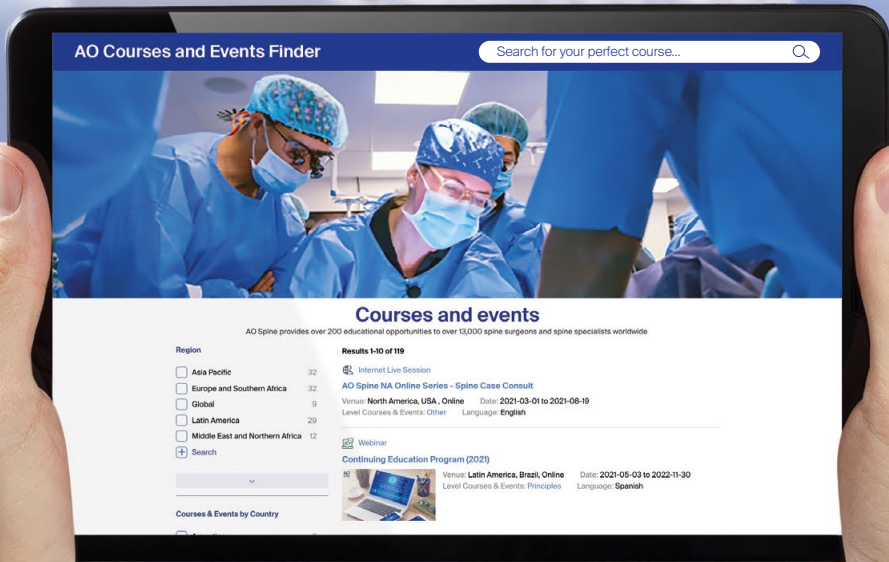
More information on the AO Technical Commission can be found on the AO's website: www.aofoundation.org/tc.

5. Personnel

Industry staff members are not permitted to interfere with the educational content or engage in educational activities during the event.



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