

Program

AOSpine Advanced Course—Minimally Invasive Spinal Surgery

April 12–13, 2019

Maribor, Slovenia



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

Welcome to Maribor

Dear Colleagues,

On behalf of AO Spine, we would like to welcome you to Maribor, Slovenia, to join us for the AO Spine Advanced Course—Minimally Invasive Spinal Surgery. Maribor, the European Capital of Culture 2012 is an old medieval town, wonderfully nestled in the embrace of the green Pohorje mountains on one side and the picturesque wine-growing hills on the other. The city is located by the Drava river and in its center grows the oldest – over 450 years old - vine in the world.

It is not just the proper treatment for the spinal diseases that is important, the treatment should be less and less invasive, and we all are striving toward the better and faster surgical procedures. During the course, we will have the opportunity to listen to some of the leading experts in the field, and we are expecting vivid discussions to clarify some of the most intriguing problems in this field. The participants will have the opportunity to test and to improve their surgical skills within the hands-on part of the course under the supervision of the experts.

The University Hospital Maribor has a long history of treating all kind of lumbar spinal disorders. We were one of the first in the region to introduce and use several new techniques and treatments for the degenerative spine disorders. We are always trying to follow the latest trends in spinal surgery, and the course is an excellent opportunity to share the ideas with participants and some of the leading experts in the field of spinal surgery.

AOSpine which is the leading global academic community in the education and research in the spine care aims to go above and beyond traditional teaching, the goal being to challenge current paradigms, provoke thought, and open the mind to new ideas and skills.

We invite you to experience the warm Slovenian hospitality, and we will do our best to make this course an excellent learning opportunity for you.

Sincerely,



Matjaz Vorsic
Chairperson
Maribor, Slovenia



Patrick Tropiano
Educational Advisor
Marseille, France

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

Course description

This two-day event will focus on less-invasive techniques in the treatment of degenerative and traumatic spine disorders. The case-based event offers a challenging learning experience with interactive sessions facilitated by expert faculty in the field of less-invasive surgical techniques for spinal disorders, sharing their expertise.

The second day of the event will be dedicated to demonstrating surgical techniques with live-surgery.

The course will follow the latest AOSpine principles for education and life-long learning. The participants can expect to return home with a better understanding, knowledge and surgical experience using less invasive methods in the treatment of degenerative and traumatic spine disorders.

Target participants

This event is targeted at certified surgeons with up to three years of experience in spine surgery, who are aiming to improve their knowledge and skills in the treatment of the degenerative and traumatic spine disorders.

Learning objectives

After the event, participants will be able to:

- Select the proper patients for MIS procedures
- Determine the treatment plan according to all the data available
- Balance risk vs benefit ratio in the decision-making process
- Choose the best possible surgical technique in order to obtain maximal outcome for the patient
- Avoid complications
- Learn how to avoid excessive radiation

Chairperson

Matjaz Vorsic

Maribor University Medical Centre, Maribor, Slovenia

Educational advisor

Patrick Tropiano

Hôpital de la Timone, Marseille, France

Regional faculty

Massimo Balsano

Azienda Ospedaliera Universitaria Integrata Verona, Verona, Italy

Vide Bilic

Teaching Hospital "Sisters of Charity", Clinic for Traumatology Zagreb, Croatia

National faculty

Marko Jug

University Medical Center Ljubljana, Ljubljana, Slovenia

Gregor Recnik

University Hospital Maribor, Maribor, Slovenia

Milos Vesel

Clinical Centre Ljubljana, Ljubljana, Slovenia

Rok Vengust

Ljubljana University Medical Centre, Ljubljana, Slovenia

Guest faculty

Jaka Košar

University Medical Center Ljubljana, Ljubljana, Slovenia

Igor Movrin

UMC Maribor, Maribor, Slovenia

Friday, April 12, 2019

TIME	AGENDA ITEM	Who
08:00 - 08:30	Participants registration	
08:30 - 09:00	Welcome and Introduction of AO Spine and Faculty Special adress from Dr. Vesel and Dr. Ravnik	P Tropicano, M Vorsic, M Jug
Session 1	MISS in degenerative spondylolisthesis	R Vengust, M Balssano
9:00 – 9:05	Case 1: Presentation	M Balssano
9:05 – 9:10	Case 2: Presentation	G Recnik
9:10 – 9:25	Lecture	R Vengust
9:25 - 9:45	Group discussion	all
9:45 – 9:50	Case 1 and 2 solution	G Recnik, R Vengust
9.50 – 10.00	Summary and Take home message	M Balssano
10.00 – 10.20	COFFE BREAK	
Session 2	MIDLIF spinal surgery	G Recnik, V Bilic
10:20 – 10:25	Casee 1: Presentation	G Recnik
10:25 – 10:30	Case 2: Presentation	V Bilic
10:30 – 10:45	Lecture	G Recnik
10:45 - 11:05	Group discussion	all
11:05 – 11:10	Case 1 and 2 solution	G Recnik, V Bilic
Session 3	MISS in degenerative stenosis	R Vengust, G Recnik
11.20 – 11.25	Case 1: Presentation	M Balssano
11.25 – 11.30 .	Case 2: Presentation	R Vengust
11.30 – 11.45	Lecture	M Balssano
11.45 - 12.05	Group discussion	all
12.05 – 12.10	Case 1 and 2 solution	V Bilic, R Vengust
12.10 – 12.20	Summary and Take home message	G Recnik
12.20 – 13.30	LUNCH	

Friday, April 12, 2019

TIME	AGENDA ITEM	Who
Session 4	MISS in fractures in ankylosing spine disorders	M Jug, V Bilic
13:30 – 13:35	Case 1: Presentation	P Vesel
13:35 – 13:40	Case 2: Presentation	M Jug
13:40 – 13:55	Lecture	M Vesel
13.55 – 14.15	Group discussion	all
14:15 – 14:20	Case 1 and 2 solution	P Vesel
14:20 – 14.30	Summary and Take home message	M Vesel
Session 5	MISS in complex TL spinal injuries	M Vesel, M Balssano
14:30 – 14:35	Case 1: Presentation	M Jug
14:35 – 14:40	Case 2: Presentation	P Vesel
14:40 – 14.55	Lecture	M Jug
14:55 – 15:15	Group discussion	all
15:15 – 15:20	Case 1 and 2 solution	M Jug, P Vesel
15:20 – 15:30	Summary and Take home message	M Jug
15:30 – 16:00	COFFE BREAK	
Session 6	Osteoporotic TL fractures	M Jug, M Vesel
16:00 – 16:05	Case 1: Presentation	V Bilic
16:05 – 16:10	Case 2: Presentation	P Vesel
16:10 – 16:25	Lecture	V Bilic
16:25 – 16:45	Group discussion	all
16:45 – 16:55	Case 1 and 2 solution	V Bilic, P Vesel
16:55 – 17:00	Summary and Take home message	V Bilic
17:00 – 18:15	Dry bones hands-on course	
18:15 – 18.30	Closing remarks	M Vorsic

Saturday, April 13, 2019

TIME	AGENDA ITEM	WHO
9.00 – 13.00	Live surgeries with video streaming in the conference room. Possibility for participants to assist in the OR.	M Vorsic, G Recnik, M Jug, J Kosar, I Movrin, R Vengust
13.00	Course evaluation and Closing remarks	M Vorsic,

Event organization

AOSpine Europe

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AO funding sources

Unrestricted educational grants from different sources are collected and pooled together centrally by the AO Foundation. 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/skills training if educationally needed.

Event information and logistics

AO Courses Slovenia

Špela Petelinkars
Phone: +38 612 308 465
Email: spela.petelinkar@aocourses.org

Event organisation 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 (Letter of Secondment, AO Foundation—Principles of AO Educational Events) to ensure that this cooperation has no impact on the curricula, scientific program, or faculty selection.

Registration and venue

Registration

AOSpine Members 441 Euros
AOSpine non-Members 490 Euros

Included in registration fee

Conference bag with documentation, coffee breaks, lunch, course dinner and course certificate.

Online registration and payment:

<http://maribor1904.aospine.org>

Event venue

April 12th, 2019
Hotel City Maribor
Ulica Kneza Koclja 22

April 13th, 2019
Maribor University Medical Centre
Ljubljanska ulica 5

European CME Accreditation and Compliance

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

An application will be made to MedTech for compliance approval of this event.

Evaluation guidelines

All AOSpine events apply the same evaluation process either online (pre- and post- evaluation) or/and on-site by audience system ARS) or paper and pencil questionnaires. This will help us to ensure that we continue to meet your training needs.

AO Foundation—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 surgeons from the AO network. All education is planned based on needs assessment data, designed and evaluated using concepts and evidence from the most current medical education research, and involving 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, USA (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 (advamed.org)
- Mecomed Guidelines on Interactions with Healthcare Professionals (www.mecomed.org)

3) Branding and advertising

No industry logos or advertising (with the exception of the AO Foundation and AO Clinical Division) 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 simulations

If case simulations are chosen as an educational method to educate skills, we only use technology approved by the AOTK System (AOTK)—a large independent group of volunteer surgeons developing and peer-reviewing new technology (more information about AOTK, its development and approval process can be found on the AO Foundation website: www.aofoundation.org).

5) Personnel

Industry staff is not allowed to interfere with the educational content or engage in educational activities during the event.

General information

No insurance: The event organization does not take out insurance to cover any individual against accidents, theft, or other risks.

Security: Access permitted with badge only.

Dress code: Casual

Course language: English

Mobile phone use is not allowed in the lecture halls and in other rooms during educational activities. Please be considerate of others by turning off your mobile phone.

Intellectual property: Course materials, presentations, and case studies are the intellectual property of the faculty. All rights are reserved. Check hazards and legal restrictions on www.aofoundation.org/legal. Recording, photographing, or copying of 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.

Sponsors

A special thanks to Metalka MEDIA for providing an unrestricted educational grant for this event.



Planned AOSpine Webinars 2019 (free for AOSpine members)

7 February 2019 AOSpine Masters Webinar—ALIF, XLIF or OLIF?	Pedro Berjano
21 February 2019 AOSpine Principles Webinar—Spinal infections (Epidural abscess, spondylodiscitis, etc.)	Enrico Pola
21 March 2019 AOSpine Principles Webinar—Indications for lumbar fusion	Ehab Shiban
23 May 2019 AOSpine Masters Webinar—Primary spinal tumors	Alessandro Gasbarrini
22 August 2019 AOSpine Masters Webinar—Cervical trauma	Lorin Benneker
26 September 2019 AOSpine Masters Webinar—Full endoscopic spine surgery	Christoph Siepe / Semih Oezdemir
24 October 2019 AOSpine Masters Webinar—Extraforaminal disc herniation and lumbar foraminal stenosis	Bart Depreitere
21 November 2019 AOSpine Principles Webinar—Implications of sagittal balance	Patrick Tropiano



Global Spine Congress
2019

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www.gsc2019.org ▪ [#GSCToronto](https://twitter.com/GSCToronto)

