

Preliminary program

AOSpine Advanced Symposium— Transitional Spinal Zones

June 23–24, 2017

Kurgan, Russian Federation



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

Welcome to Kurgan

Dear colleagues,

On behalf of AOSpine Europe, we would like to welcome you to the advanced level symposium taking place in Kurgan - the gateway to Siberia!

Understanding the unique surgical anatomy and biomechanics of transitional zones is an important key point for successful treatment of most spine pathology.

AOSpine counts together surgeons, researchers, experts in imaging diagnostics, policy-makers, who aim to improve the treatment of patients with diseases and injuries of the spine.

AOSpine basic principle is the active involvement of participants in the learning process, a discussion of possible solutions to the problem and the choice of the optimum. We do not aim to impose their point of view—our task is to find the maximum of the arguments for most enterprise-based approach for rapid diagnosis of the disease and treatment options that provide the best solutions.

It is never too early or too late to learn. The learning process is continuous. We hope that our meeting in the city of Kurgan «the Orthopedic Mecca», where unique Ilizarov solutions for the treatment of many bone diseases have been created in the one of the biggest orthopedic center in the world, will remain in your memory because of cordial atmosphere, communication and a high level of open and professional debate. Sincerely,



Alexander Gubin
Chairperson
Ilizarov Scientific Center
Kurgan
Russian Federation



Alexandre Mushkin
Science-Research Inst. of
Phthisiopulmonology
St. Petersburg
Russian Federation

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

Event description

The Symposium is dedicated to decision-making process for diagnosis and treatment of spine diseases and injuries involving the cranio-cervical, cervico-thoracic, thoracolumbar and lumbosacral transitional zones. Due to bio-mechanics, anatomy and the weight-bearing experienced by the transitional zones great attention will be paid to the most challenging aspects related to diagnosis, surgical approaches and techniques, as well as to decision making regarding the level of surgical aggression.

Different spinal pathologies will be addressed during the work: injuries, degenerative processes, deformities, abnormalities. The format of the Symposium consists of expert lectures, group discussions of examples from daily practice, active involvement of the participants to presentation and analysis of clinical cases, as well as podium discussions with the participation of AOSpine experts.

Target participants

This symposium is targeted at surgeons and other specialists in spinal care with 3 to 10 years of experience, who are aiming to further improve their knowledge and/or specialization in the management of spinal pathologies.

Learning objectives

After the event, participants will be able to:

- Define the indications for surgical fixation of the spine transitional zones
- Choose the optimal approach and scope of surgery for transitional zone pathology
- Assess expected changes in the transitional zones when surgical correction take places outside of them
- Improve complications treatment when treating the spine pathologies affecting the transitional zones

Chairperson

Alexander Gubin Russian Ilizarov Scientific Center for Restorative Traumatology and Orthopedics, Kurgan, Russian Federation

Educational advisor

Alexandre Mushkin Science-Research Inst. of Phthisiopulmonology
St. Petersburg, Russian Federation

Regional faculty

Richard Assaker Centre Hospitalier Regional Universitaire, Lille, France

Claudio Lamartina I.R.C.C.S. Istituto Ortopedico Galeazzi, Milano, Italy

Claudius Thomé Medical University, Innsbruck, Austria

National faculty

Alexander Burtsev Russian Ilizarov Scientific Center for Restorative Traumatology and Orthopedics, Russian Federation

Dmitry Dzukaev Moscow City Hospital #67, Moscow, Russian Federation

Alexander Krutko Novosibirsk Research Hospital of Traumatology and Orthopedics, Novosibirsk, Russian Federation

Dmitry Ptashnikov RNIITO named after R.R.Vreden, St-Petersburg, Russian Federation

Sergey Ryabykh Russian Ilizarov Scientific Center Restorative Traumatology and Orthopaedics, Kurgan, Russian Federation

Friday, June 23, 2017

TIME	AGENDA ITEM	WHO
08:30–09:00	Participants registration	
09:00–09:30	Welcome and Introduction to AOSpine	A Gubin, A Mushkin
Session 1	General features of spine transitional zones	R Assaker D Ptashnikov
09:30–09:45	Spine transitional zones challenges. General Problems Anatomical features and movements in transitional zones	R Assaker
09:45–10:00	Understanding the course The embryology and anomalies of transitional zones	A Mushkin
10:00–10:15	The correct numbering of spine vertebrae Math mistakes and complications	D Dzukaev
10:15–10:30	Transitional zones role in sagittal spine balance	A Burtsev
10:30–10:45	Transitional zones role in frontal spine balance	D Ptashnikov
10:45–11:00	Group discussions	
11:00–11:30	COFFEE BREAK	
Session 2	Surgical anatomy of transitional zones	C Lamartina S Ryabykh
11:30–11:45	C0-C1-C2 anterior approach and fixation tricks: Indications and Techniques	A Mushkin
11:45–12:00	C0-C1-C2 posterior approach and fixation tricks: Indications and Techniques	A Gubin
12:00–12:15	C7-Th1 posterior approach tricks: Indications and Techniques	D Ptashnikov
12:15–12:30	Th10-LX anterior approach and fixation tricks: Indications and Techniques	D Dzukaev
12:30–12:45	Th10-LX posterior approach and fixation tricks: Indications and Techniques	R Assaker
12:45–13:00	L3-4-5 DLIF lateral approach tricks: Indications and Techniques	C Lamartina
13:00–13:15	L5-S1 posterior approach tricks: Indications and Techniques	C Lamartina

Friday, June 23, 2017

TIME	AGENDA ITEM	WHO
13:15–14:15	LUNCH	
14:15–14:30	How to avoiding excessive fixation? Location and selection of osteotomies	S Ryabykh
14:30–15:00	Group discussions	
Session 3	DDD and transitional spine zones	A Krutko C Lamartina
15:00–15:15	Transitional spine zones in back pain syndrome	A Krutko
15:15–15:30	Degeneration and inflammatory diseases in C1-C2	C Lamartina
15:30–15:45	Degenerative spondylolisthesis of L5 Surgical aggression control	D Dzukaev
15:45–16:15	COFFEE BREAK	
16:15–16:30	L4-S1 pseudo-arthritis revision surgery	R Assaker
16:30–16:45	Proximal junctional kyphosis and adjacent segment degeneration in transitional spine zones	A Krutko
16:45–17:15	Group discussion	
17:15–17:30	Closing remark Day 1	A Gubin

Saturday, June 24, 2017

TIME	AGENDA ITEM	WHO
Session 4	Trauma in transitional spine zones	C Thomé D Dzukaev
09:00–09:15	C0-C1-C2 injures	C Thomé
09:15–09:30	Transitional zone C2-C3 features and traumatic dislocations	A Gubin
09:30–09:45	C7-Th1 injures challenges in diagnostic and treatment C6-C7 spondylolisthesis	A Burtsev
09:45–10:00	Thoracolumbar injures and conus medullaris syndrome	C Thomé
10:00–10:15	Lumbar sacrum fractures and dislocations	R Assaker
10:15–10:30	Post-laminectomy syndrome in transitional spine zones	A Mushkin
10:30–11:00	Group discussion	
11:00–11:30	COFFEE BREAK	
Session 5	Transitional spine zones in deformities treatment	R Assaker S Ryabykh
11:30–11:45	C0-C1-C2 congenital and syndromic abnormalities	A Gubin
11:45–12:00	Cervico-thoracal abnormalities and deformities correction Thoraco-cervical inclination	A Mushkin
12:00–12:15	Lumbar sacrum kyphotic and scoliotic deformities and abnormalities	S Ryabykh
12:15–12:30	Biomechanics of lumbosacral fixation aiming to decrease the risk of pseudo-arthrosis and instruments instability	D Ptashnikov
12:30–13:00	Group discussion	
13:00–14:00	LUNCH	

Saturday, June 24, 2017

TIME	AGENDA ITEM	WHO
14:00–14:15	To fix or not to fix transitional spine zones in deformities correction?	S Ryabykh
14:15–14:30	L5 spondylolisthesis features natural history and surgical indications	R Assaker
14:30–14:45	High-grade L5 spondylolisthesis and spondyloptosis: Surgical strategy and technique	C Lamartina
14:45–15:00	L5 spondylolisthesis revision surgery	S Ryabykh
15:00–15:30	Group discussion	
15:30–16:00	Take home message and Course certificate	A Gubin A Mushkin
16:00–16:30	COFFEE BREAK	
Session 6 Training for AOS members		
16:30–17:00	How to prepare a case presentation/Lecture?	A Mushkin
17:00–17:30	How to conduct an oral presentation?	A Gubin

Event organization

AOSpine Europe:

Catherine Antonetti

Phone: +49 173 740 09 30

Fax: +49 761 21 41 38 99

Stettbachstrasse 6

CH—8600 Dübendorf

Email: cantonetti@aospine.org

www.aospine.org

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 Russian Federation

Irina Pulyatkina

Phone: +7 916 105 7149

Email: pulyatkina.irina@ao-courses.com

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 fee:

AOSpine Members EUR 297.–

AOSpine non-Members EUR 330.–

Included in registration fee: Conference bag with documentation, coffee breaks, lunches, course dinner and course certificate.

Online registration and payment:

<http://kurgan1706.aospine.org>

Event venue:

Russian Ilizarov Scientific Center

Restorative Traumatology and Orthopaedics
Federal State Budgetary Institution of Ministry of Healthcare of Russian Federation
6, M.Ulyanova street
Kurgan, 640014, Russia
<http://en.ilizarov.ru/>

European CME Accreditation:

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

Evaluation guidelines: All AOSpine events apply the same evaluation process with 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/Russian

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.

AOSpine Webinars

30 March 2017

AOSpine Masters Webinar—
Complications in Adult Deformity Correction

C Thomé

1 June 2017

AOSpine Masters Webinar—Cranio-cervical Surgery

E Tessitore

2 July 2017

AOSpine Principles Webinar—
Augmentation and Instrumentation in Osteoporosis

B Depreitere

21 September 2017

AOSpine Masters Webinar—Cervical Fractures

Z Klezl
