

FINAL PROGRAM

Grand Hotel Prague Towers

Prague, Czechia



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Scoliosis Research Society

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Fax: +1-276-3349 meetings@srs.org www.srs.org

Future SRS Meetings

Annual Meeting

59th Annual Meeting September 10-14, 2024 | Barcelona, Spain

International Meeting on Advanced Spine Techniques (IMAST)

32nd IMAST

April 2-5, 2025 | Glasgow, Scotland

Regional Courses

Spine Deformity Solutions: A Hands-On Course July 10-13, 2024 | Curitiba, Brazil November 14-17, 2024 | Bangkok, Thailand June 18-21, 2025 | Nijmegen, the Netherlands

Meeting Description

The Current Concepts in Spine Deformity Course is an international forum for the realization of the Scoliosis Research Society's mission to improve patient care for those with spinal deformities. Topics of the meeting include foundational knowledge of the spine and spinal deformity, basics and treatments of a variety of pathologies including adolescent idiopathic scoliosis, early onset deformity, and adult spinal deformity. Based on the self-reported educational needs in Latin America, the course will also include a spotlight on HRQoL assessment, case discussions, and live demonstration with the goal of better understanding treatments for each pathology in the context of safety and value. Learners will be able to dive deeper into discussion in small groups where they can discuss their own cases directly with faculty.

Learning Objectives

Upon completion of this course, participants should be able to:

- Describe the biomechanical principles of spinal deformities.
- Classify and identify indications for scoliotic patients of varying ages including neuromuscular and kyphotic cases.
- Formulate a pre-operative plan and analyze its results post operatively for spinal deformity cases.
- Recognize and associate appropriate treatment options for varying spine deformity patients.
- Analyze factors that lead to complications and apply complication prevention strategies for differing procedures and approaches for spine deformity treatment.

Target Audience

Residents, fellows, orthopaedic and neurosurgeons who have an interest and are involved in spinal deformity management and treatment.

Planning Committee

SRS President 2023-2024

Marinus de Kleuver, MD, PhD

Regional Courses Committee Chair

Saumyajit Basu, MD

CCSD Subcommittee Chair

Martin Repko, MD

Faculty (in alphabetical order)

Kariman Abelin-Genevois, MD, PhD

Benny T. Dahl, MD, PhD, DMSci

Marinus de Kleuver, MD, PhD

Meric Enercan, MD

Emmanuelle Ferrero, MD, PhD

Pawel Grabala, MD, PhD

Shahnawaz Haleem, MSc, EASD, FRCS(T&O)

Michal Latalski, MD, PhD

Ibrahim Obeid, MD

Ferran Pellisé, MD, PhD

Javier Pizones, MD, PhD

Cristina Sacramento Dominguez, MD, PhD

Alpaslan Senkoylu, MD

Caglar Yilgor, MD

EACCME Accreditation Statement:

The Current Concepts in Spine Deformity- A SRS Course, Prague, Czech Republic 07/06/2024 - 09/06/2024, has been accredited by the European Accreditation Council for Continuing Medical Education (EACCME®) with 13.0 European CME credits (ECMEC®s). Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity.

Through an agreement between the Union Européenne des Médecins Spécialistes and the American Medical Association, physicians may convert EACCME® credits to an equivalent number of AMA PRA Category 1 Credits™. Information on the process to convert EACCME® credit to AMA credit can be found at https://edhub.ama-assn.org/pages/applications.

Live educational activities, occurring outside of Canada, recognised by the UEMS-EACCME® for ECMEC®s are deemed to be Accredited Group Learning Activities (Section 1) as defined by the Maintenance of Certification Program of the Royal College of Physicians and Surgeons of Canada.

ACCME Accreditation Statement:

The Scoliosis Research Society (SRS) is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Relevant Financial Relationship Disclosure:

All other individuals in charge of planning have no relevant financial relationships. All relevant financial relationships have been mitigated.

Kariman Abelin-Genevois, MD, PhD	Medtronic (b)
Benny T. Dahl, MD, PhD, DMSc	Stryker (b)
Marinus de Kleuver, MD, PhD	Medtronic (b, d)
Meric Enercan, MD	No Relationships
Emmanuelle Ferrero, MD, PhD	Medtronic (b, e); Implanet (b, e); EOS Imagin (b)
Pawel Grabala, MD, PhD	NuVasive (b)
Shahnawaz Haleem, MSc, EASD, FRCS(T&O)	No Relationships
Michal Latalski, MD, PhD	Bbrown (d); Johnson & Johnson (b)
Ibrahim Obeid, MD	DePuy Synthes (b); Spineart (b, g); Eticon (b); Clariance (g)
Ferran Pellisé, MD, PhD	Medtronic (a, b); DePuy Synthes (a); Nuvasive (a, b); SpineArt (a); Orthofix (a, b)
Javier Pizones, MD, PhD	DePuy Synthes (a, b); Medtronic (a, b); Stryker (b)
Cristina Sacramento Dominguez, MD, PhD	No Relationships
Alpaslan Senkoylu, MD	No Relationships
Caglar Yilgor, MD	Medtronic (b)

Current Concepts in Spine Deformity Course Program Grand Hotel Prague Towers | June 7-9, 2024

Friday, June 7, 2024

12:00-18:00 12:00-19:00	Registration Open Exhibit Hall Open		
12:45-13:00	Presidential Address, Welcome Room: Vltava+Vistula+Thames+Rhone Marinus de Kleuver, MD, PhD, SRS President		
13:00-14:30	Session 1: From Childhood to Old Age: Growth and Changes – Foundation of Knowledge Room: Vltava+Vistula+Thames+Rhone Moderator: Martin Repko, MD, PhD		
	13:00-13:10	From Childhood to Old Age: Growth and Changes Meric Enercan, MD	
	13:10-13:20	Assessment of Maturation: When is the Real Change to Skeletal Maturity? Emmanuelle Ferrero, MD, PhD	
	13:20-13:30	Pathophysiology and Biomechanics of the Aging Spine Shahnawaz Haleem, MSc, EASD, FRCS(T&O) *EUROSPINE-SRS Faculty	
	13:30-13:40	New Trends in Imaging to Evaluate 3D Spinal Deformity Kariman Abelin Genevois, MD, PhD	
	13:40-13:50	Alignment of the Spine, Sagittal Spinopelvic Parameters and Compensatory Mechanisms Ibrahim Obeid, MD, PhD *EUOSPINE-SRS Faculty	
	13:50-14:00	Discussion	
	14:00-14:30	Case Based Discussion Cristina Sacramento Dominguez, MD, PhD	
14:30-15:00	Break		
15:00-16:00	Industry Workshop A Room: Severn+Clyde+Shannon *See page 15 for workshop description		
16:00-17:20	Session 2: Early Onset Deformity Room: VItava+Vistula+Thames+Rhone Moderator: Marinus de Kleuver, MD, PhD		
	16:00-16:10	Definition and Classification of EOD Michal Latalski, MD, PhD	
	16:10-16:20	Casting for EOS - Indications and Technique Marinus de Kleuver, MD, PhD	
	16:20-16:30	Congenital Deformities – Surgical Treatment and Indication	
	16:30-16:50	Pawel Grabala, MD, PhD Cross Fire Debate: Surgical Management of EOD Distraction Techniques: Pawel Grabala, MD, PhD	

Growth Guidance Techniques: Martin Repko, MD, PhD

16:50-17:00 Tethering Technique

Martin Repko, MD, PhD

Discussion 17:00-17:20

17:30-18:30

Industry Workshop B Room: Severn+Clyde+Shannon

*See page 15 for workshop description

Welcome Reception 18:30-20:00

Exhibit Hall

Saturday, June 8, 2024

07:30-17:30	Registration Open		
07:30-17:00	Exhibit Hall Open		
08:00-10:05	Session 3: Adolescent Idiopathic Scoliosis (AIS) Room: VItava+Vistula+Thames+Rhone Moderator: Kariman Abelin-Genevois, MD, PhD		
	08:00-08:10	Etiology and Natural History of AIS Martin Repko, MD, PhD	
	08:10-08:20	Classification of AIS Martin Repko, MD, PhD	
	08:20-08:40	Cross Fire Debate: I Follow the Lenke Rules <i>Javier Pizones, MD, PhD</i> I am a Lenke Rule Breaker <i>Kariman Abelin Genevois, MD, PhD</i>	
	08:40-08:50	All about the Brace (Indications, Follow Up and Weaning Off) Emmanuelle Ferrero, MD, PhD	
	08:50-09:00	Indication and Preoperative Planning Caglar Yilgor, MD	
	09:00-09:15	Discussion	
	09:15-09:25	Correction Maneuvers (General Overview) Michal Latalski, MD, PhD	
	09:25-09:45	Cross Fire Debate: Derotation Helps <i>Martin Repko, MD, PhD</i> Derotation is Abundant <i>Kariman Abelin Genevois, MD, PhD</i>	
	09:45-10:05	Case Based Discussion Marinus de Kleuver, MD, PhD	
10:05-10:30	Coffee Break		

10:30-12:00	Session 4: Adolescent Idiopathic Scoliosis (AIS) Room: Vltava+Vistula+Thames+Rhone Moderator: Javier Pizones, MD, PhD	
	10:30-10:50	Cross Fire Debate: Lenke-5 Curve I would do Selective ASF: Alpaslan Senkoylu, MD I would do Selective PSF: Benny T. Dahl, MD, PhD, DMSci
	10:50-11:00	Tips for Getting Balanced Shoulders in Selective Thoracic Fusion Marinus de Kleuver, MD, PhD
	11:00-11:10	Adding on in AIS: Long Term Results and Consequences Caglar Yilgor, MD
	11:10-11:20	Neuromonitoring: Signal Decrement - What to Do? Alpaslan Senkoylu, MD
	11:20-11:30	Preoperative Planning of Neglected (Adult) AIS Cases: Differences from Adolescent Javier Pizones, MD, PhD
	11:30-11:50	Case Based Discussion Benny T. Dahl, MD, PhD, DMSci
	11:50-12:10	Discussion
12:10-12:20	Lunch Pick-Up	
12:20-13:20	Industry Worksl Room: Severn+C *See page 15 for	
12:20-13:20 13:30-15:00	Room: Severn+C *See page 15 for Session 5: Neur Room: Vltava+Vi	Clyde+Shannon workshop description
	Room: Severn+C *See page 15 for Session 5: Neur Room: Vltava+Vi	Clyde+Shannon workshop description comuscular stula+Thames+Rhone
	Room: Severn+C *See page 15 for Session 5: Neur Room: Vltava+Vi Moderator: Alpas	Clyde+Shannon workshop description comuscular stula+Thames+Rhone slan Senkoylu, MD Etiology and Natural History
	Room: Severn+C *See page 15 for Session 5: Neur Room: Vltava+Vi Moderator: Alpas 13:30-13:40	Clyde+Shannon workshop description romuscular stula+Thames+Rhone slan Senkoylu, MD Etiology and Natural History Martin Repko, MD, PhD Technique of Halo Gravity Traction: Results and Complications
	Room: Severn+C *See page 15 for Session 5: Neur Room: VItava+Vi Moderator: Alpas 13:30-13:40 13:40-13:50	Clyde+Shannon workshop description romuscular stula+Thames+Rhone slan Senkoylu, MD Etiology and Natural History Martin Repko, MD, PhD Technique of Halo Gravity Traction: Results and Complications Meric Enercan, MD Decision-making and Preoperative Planning in CP Cases
	Room: Severn+C *See page 15 for Session 5: Neur Room: Vltava+Vi Moderator: Alpas 13:30-13:40 13:40-13:50 13:50-14:00	Clyde+Shannon workshop description romuscular stula+Thames+Rhone slan Senkoylu, MD Etiology and Natural History Martin Repko, MD, PhD Technique of Halo Gravity Traction: Results and Complications Meric Enercan, MD Decision-making and Preoperative Planning in CP Cases Marinus de Kleuver, MD, PhD Specific Surgical Techniques for Neuromuscular Cases
	Room: Severn+C *See page 15 for Session 5: Neur Room: Vltava+Vi Moderator: Alpas 13:30-13:40 13:40-13:50 13:50-14:00 14:00-14:10	Clyde+Shannon workshop description romuscular istula+Thames+Rhone slan Senkoylu, MD Etiology and Natural History Martin Repko, MD, PhD Technique of Halo Gravity Traction: Results and Complications Meric Enercan, MD Decision-making and Preoperative Planning in CP Cases Marinus de Kleuver, MD, PhD Specific Surgical Techniques for Neuromuscular Cases Michal Latalski, MD, PhD Prevention and Management of Complications after Surgery in NM Deformity

15:00-15:25

Coffee Break

15:25-17:50	Session 6: Adult Deformity
17./7.1/.711	Section b. Addit Detarmity

Room: Vltava+Vistula+Thames+Rhone Moderator: Ferran Pellisé, MD, PhD

Moderator: Ferra	n Pellisé, MD, PhD
15:25-15:35	Natural History and Etiology of <i>de novo</i> Deformity Benny T. Dahl, MD, PhD
15:35-15:45	Assessing Risk for Deformity Surgery vs When to Go Palliative Shahnawaz Haleem, MSc, EASD, FRCS(T&O) *EUROSPINE-SRS Faculty
15:45-15:55	Pre-Operative Planning in ASD- Length of Fusion, Required Correction Emmanuelle Ferrero, MD, PhD
15:55-16:05	Practical Usage of Sagittal Parameters for Preoperative Planning Emmanuelle Ferrero, MD, PhD
16:05-16:15	Limited Surgical Solutions in <i>de novo</i> Deformity <i>Ibrahim Obeid, MD, PhD</i> *EUROSPINE-SRS Faculty
16:15-16:25	Osteotomies and Their Indications in Adult Deformity Ferran Pellisé, MD, PhD
16:25-16:40	Discussion
16:40-17:00	Cross Fire Debate Anterior Possibilities – TLIF, XLIF, OLIF, ALIF – Cristina Sacramento Dominguez, MD, PhD All Posterior Osteotomies and Correction - Ferran Pellisé, MD, PhD
17:00-17:10	Revision Surgery for ASD: Pre-Operative Planning and Surgical Techniques Ibrahim Obeid, MD, PhD *EUROSPINE-SRS Faculty
17:10-17:50	Case Based Discussion

Sunday, June 9, 2024

07:30-12:00 07:30-10:00	Registration Op Exhibit Hall Op	
08:00-09:30		phosis Vistula+Thames+Rhone nny T. Dahl, MD, PhD
	08:00-08:10	Etiology, Natural History and Treatment Options for Scheuermann's Kyphosis Martin Repko, MD, PhD
	08:10-08:20	Determination of Fusion Levels in Scheuermann's Kyphosis: How to Prevent Junctional Failures? Ferran Pellisé, MD, PhD
	08:20-08:30	Discussion

Meric Enercan, MD

08:30-08:40	Classification and Management of Spondylolisthesis Shahnawaz Haleem, MSc, EASD, FRCS(T&O) *EUROSPINE-SRS Faculty	
08:40-08:50	Simultaneous Presence of Spondylolisthesis and Scoliosis Caglar Yilgor, MD	
08:50-09:00	Discussion	
09:00-09:30	Case Based Discussion (Dysplastic Spondylolisthesis) Pawel Grabala, MD, PhD	
Coffee Break		
Session 8: Acquired Deformities and Prevention of Complications Room: Vltava+Vistula+Thames+Rhone Moderator: Ibrahim Obeid, MD, PhD		

10:00-12:00

9:30-10:00

10:00-10:10	latrogenic Postoperative Coronal Malalignment: How to Avoid It? Pawel Grabala, MD, PhD
10:10-10:20	Post Traumatic Kyphosis- Combined vs Selective Posterior Approach <i>Javier Pizones, MD, PhD</i>
10:20-10:30	Check Lists for Preventing Complications in Deformity Surgery Alpaslan Senkoylu, MD
10:30-10:40	Preventing Complications in Adult Deformity Surgery Ferran Pellisé, MD, PhD
10:40-10:50	Prevention of Complications in Pediatric Deformity Surgery Meric Enercan, MD
10:50-11:00	Prevention and Management of Postoperative Infections Shahnawaz Haleem, MSc, EASD, FRCS(T&O) *EUROSPINE-SRS Faculty
11:00-11:15	Discussion
11:15-11:35	Case Based Discussion (Postoperative Infections) Ibrahim Obeid, MD, PhD *EUROSPINE-SRS Faculty
11:35-12:00	Cases from Participants
12:00	Adjourn

General Meeting Information

Venue & Headquarter Hotel Grand Hotel Prague Towers

Kongresová 1, 140 69 Praha 4-Nusle Czechia

Admission to Sessions

Official name badges will be required for admission to all sessions. All course attendees will receive a name badge with their registration materials. Name badges should be worn at all-times inside the Grand Hotel Prague Towers meeting space, as badges will be used to control access to sessions and activities. Attendees are cautioned against wearing their name badges while away from the venue, as badges draw unwanted attention to your status as visitors to the city.

Attire

Business casual (polo or dress shirts, sports coats) is appropriate for the meeting sessions; ties are not required.

Cell Phone Protocol

Please ensure that cell phone ringers, pagers and electronic devices are silenced or turned off during all sessions.

Electricity

Prague operates on a 230V supply voltage and 50Hz. The power plugs and sockets are of type C (2 pins) and type E (2 pins and hole for the socket's male earthing pin). Type E socket also works with plug C.

Emergency & First Aid

The Sheraton São Paulo WTC Hotel is fully prepared to handle emergency requests and first aid. Contact a SRS staff person for support. Remember to note all emergency exits within the venue.

Language

English will be the official language of the SRS Current Concepts in Spine Deformity Course.

Smoking Policy

Smoking is not permitted during any meeting activity or event.

Time Zone

Prague is on Central European Time (CET) and observes Central European Summer Time (CEST). Prague is +02:00 from UTC.

Evaluations

Please take time to complete the online evaluation forms. Your input and comments are essential in planning future Courses.

Navigate to: https://forms.office.com/r/fYm459762a

Or, scan the QR code with your phone below



Lost & Found

Please feel free to stop by the SRS Registration Desk if you have lost or found an item during the course.

Registration Desk

Location: Suite 1 Foyer, 3rd Floor

Hours: Friday, June 7 12:00 - 18:00 Saturday, June 8 07:30 - 17:30 Sunday, June 9 07:30 - 12:00

Special Needs

If you have any health issues for which you may require special accommodations or assistance, please notify the SRS staff at the Registration Desk. We will make every effort to accommodate any special needs.

Video Recording Prohibited

SRS does not allow personal video recording of the presentations of any kind. SRS holds the right to confiscate any and all recordings taken of any of the presentations.

Welcome Reception

Friday, June 7, 2024 18:30 - 20:00

Exhibit Hall, 3rd Floor of the Grand Hotel Prague Towers

All registered delegates are invited to attend the Welcome Reception on Friday, June 7. The reception will be hosted in the Exhibit Hall where beverages and light hors d'oeuvres will be served. There is no charge for registered delegates, though your name badge is required for entrance. Dress for the Welcome Reception is business casual.

Wireless Internet

Wireless internet access will be available throughout the entire meeting space.

FDA Statement (United States)

Some drugs and medical devices demonstrated during this course have limited FDA labeling and marketing clearance. It is the responsibility of the physician to be aware of drug or device FDA labeling and marketing status.

Insurance/Liabilities and Disclaimer

SRS will not be held liable for personal injuries or for loss or damage to property incurred by participants at the Current Concepts in Spine Deformity Course. Participants are encouraged to take out insurance to cover loss incurred in the event of cancellation, medical expenses or damage to or loss of personal effects when traveling outside of their own countries. SRS cannot be held liable for any hindrance or disruption of course proceedings arising from natural, political, social or economic events or other unforeseen incidents beyond its control. Registration of a participant implies acceptance of this condition. The materials presented at this activity are made available for educational purposes

only. The material is not intended to represent the only, nor necessarily best, methods or procedures appropriate for the medical situations discussed, but rather is intended to present an approach, view, statement or opinion of the faculty that may be helpful to others who face similar situations. SRS disclaims any and all liability for injury or other damages resulting to any individual attending the Current Concepts in Spine Deformity Course and for all claims that may arise out of the use of techniques demonstrated therein by such individuals, whether these claims shall be asserted by a physician or any other person.

Grand Hotel Prague Towers Industry Workshops General Session Registration Exhibits Severn*Clyde*Shannon

Rhine+Seine+Tiber

Vltava+Vistula+ Thames+Rhone

> Vltava+Vistula+Thames+Rhone | General Session Rhine+Seine+Tiber | Exhibits & Registration Severn+Clyde+Shannon | Industry Workshops

Location: 3rd Floor

Thank you to our Corporate Supporters

Exhibits

B. Braun
Globus Medical
Highridge Medical
Medtronic
SeaSpine

Workshops

Globus Medical Highridge Medical Medtronic

Education Grants

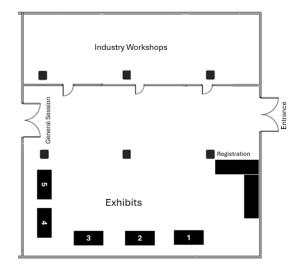
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EXHIBITORS

Located in Rhine+Seine+Tiber Exhibit Hall Hours:

Friday, June 7 12:00 - 19:00 Saturday, June 8 07:30 - 17:30 Sunday, June 9 07:30 - 10:00

Table	Company
1	B. Braun
2	Globus Medical
3	Medtronic
4	Highridge Medical
5	SeaSpine



B. Braun

Aesculap, a product brand in the B. Braun portfolio, is a partner for surgical and interventional treatment concepts in inpatient and ambulatory care. As one of the world's leading medical technology companies, B. Braun protects and improves the health of people around the world. For over 180 years, the family-owned company has been accelerating progress in health care with pioneering spirit and groundbreaking contributions. This innovative strength continues to be the foundation of B. Braun's success today—always with the goal of improving clinical outcomes, cost of care and patient benefits. More than 65,000 employees live Sharing Expertise worldwide, they make B. Braun a true partner that develops smart solutions and sets new standards. By linking products, services and consulting, the company improves treatment processes and supports medical staff. In doing so, B. Braun always acts with future generations in mind, which is why responsibility for sustainable growth is embedded into all business processes.

Globus Medical

Globus Medical and NuVasive have officially joined forces. We're committed to providing innovative technologies and industry-leading clinical support to help surgeons and healthcare providers deliver better care around the globe. We now have one of the most comprehensive offerings of musculoskeletal procedural solutions and enabling technologies to impact the care continuum. Our employees are relentlessly focused on changing patient lives." Click here to learn more about Globus Medical.

Highridge Medical

Highridge Medical is dedicated to restoring daily life for patients through comprehensive spinal solutions with a focus on education, training, and clinical support for surgeons. Along with cervical disc replacement, vertebral body tethering, comprehensive spinal fixation, and fusion implants, Highridge offers minimally invasive procedural solutions and a complete suite of biologic solutions.

Medtronic

We lead global healthcare technology, boldly attacking the most challenging problems. Our Mission — to alleviate pain, restore health, and extend life — unites a global team of 90,000+ people, and our technologies transform the lives of two people every second, every hour, every day. Expect more from us. Medtronic. Engineering the extraordinary

SeaSpine

SeaSpine, an Orthofix Medical Company, is a global medical technology company focused on the design, development, and commercialization of surgical solutions for the treatment of patients suffering from spinal disorders. SeaSpine's complete procedural solutions feature its market-leading FLASH™ Navigation, a system designed to improve accuracy of screw placement and provide a cost-effective, rapid, radiation-free solution to surgical navigation, and a comprehensive portfolio of spinal implants and orthobiologics to meet the varying combinations of products that neurosurgeons and orthopedic spine surgeons need to facilitate spinal fusion in degenerative, minimally invasive surgery (MIS), and complex spinal deformity procedures on the lumbar, thoracic and cervical spine. With product development expertise in advanced optics, software, orthobiologic sciences and spinal implants, SeaSpine can offer its surgeon customers a complete solution to meet their patients' evolving clinical needs. SeaSpine currently markets its products in the United States and in approximately 30 countries worldwide.

INDUSTRY WORKSHOPS

Meeting delegates are encouraged to attend the Industry Workshops throughout the meeting. Each workshop is programmed by a single- supporting company and will feature presentations on topics and technologies selected by the company.

Friday, June 7: 15:00 - 16:00

Globus Medical

Room: Severn+Clyde+Shannon

Title: Geared for Growth: Non-fusion Solutions for Early Onset Scoliosis

Faculty: Pawel Grabala, Md, PhD & Caglar Yilgor, MD

Description: Join our esteemed faculty for an immersive workshop designed to explore the cutting-edge advancements in pediatric deformity technology. This engaging session brings together industry leaders and experts to delve into the latest innovations from Globus Medical. Techniques and tools designed to help revolutionize the landscape of pediatric spinal care will be discussed.

Friday, June 7: 17:30 - 18:30

Medtronic

Room: Severn+Clyde+Shannon

Title: Future Aspects in Spine Surgery

Faculty: Martin Repko, MD

Description: Spinal surgery has been developing quite dynamically in recent years. We are witnessing the development of new implants, more efficient instruments, the development of artificial intelligence, which enables improved diagnostics and possible effective pre-operative planning. Operational performance is improved by progress in navigation techniques and robotics. The use of augmented reality and holography also contributes to significant progress and reliability of operational performance. These are promising methods that will allow operators a more detailed view and a more perfect three-dimensional view of the operated area.

In addition to technological developments, we must also consider ethical, legal, financial, demographic, and educational issues. Above all, the education of the new generation is a fundamental task for experts dealing with the treatment of spinal diseases, but also for industry dealing with the development of new technologies and spinal implants. The basic goal of the educational process of young spine surgeons is to ensure not only the mastery of all new technologies, but also training and improvement in traditional surgical techniques using live operations, simulation centers and cadaveric workshops.

Refinement of the indication and the spine surgery itself brings the maximum effect and safety of the operation for the patient. The goal of all mentioned techniques is a more satisfied patient.

Saturday, June 8: 12:20 - 13:20

Highridge Medical

Room: Severn+Clyde+Shannon

Title: How Does VBT Fit in my AIS Practice Today? A Case Based Discussion

Faculty: Dr. Caglar Yilgor and Prof. Martin Repko

Description: During this workshop session Dr. Caglar Yilgor and Prof. Martin Repko will share their expertise on the use of VBT for the treatment of AIS. They will review current indications, their decision-making criteria and most advanced techniques that provide the most predictable result when using VBT in AIS. This workshop will include case discussions and what has been learned from years of clinical follow up.

ABOUT SRS

Founded in 1966, the Scoliosis Research Society is an organization of medical professionals and researchers dedicated to improving care for patients with spinal deformities. Over the years, it has grown from a group of 37 orthopaedic surgeons to an international organization of more than 1,400 health care professionals.

Mission Statement

The purpose of the Scoliosis Research Society is to foster the optimal care of all patients with spinal deformities.

Membership

SRS is open to orthopaedic surgeons, neurosurgeons, researchers and allied health professionals who have a practice that focuses on spinal deformity.

Active Fellowship (membership) requires the applicant to have fulfilled a minimum three year Candidate Fellowship and have a practice that is 20% or more in spinal deformity. Only Active Fellows may vote and hold elected offices within the Society.

Candidate Fellowship (membership) is open to orthopaedic surgeons, neurosurgeons and to researchers in all geographic locations who are willing to commit to a clinical practice which includes at least 20% spinal deformity. Candidate Fellows stay in that category for three- five years, during which time they must demonstrate their interest in spinal deformity and in the goals of the Scoliosis Research Society. Candidate Fellows may serve on SRS committees. After a minimum three years, those who complete all requirements are eligible to apply for Active Fellowship in the Society. Candidate Fellowship does not include the right to vote or hold office.

Associate Fellowship (membership) is for distinguished members of the medical profession including nurses, physician assistants, as well as orthopaedic surgeons, neurosurgeons, scientists, engineers and specialists who have made a significant contribution to scoliosis or related spinal deformities who do not wish to assume the full responsibilities of Active Fellowship. Associate Fellows may not vote or hold office, but may serve on committees.

Visit <u>www.srs.org/membership</u> for membership requirement details.

Programs and Activities

SRS is focused primarily on education and research that include the Annual Meeting, the International Meeting on Advanced Spine Techniques (IMAST), Worldwide Conferences, a Global Outreach Program, the Research Education Outreach (REO) Fund which provides grants for spine deformity research, and development of patient education materials.

Website Information

For the latest information on SRS meetings, programs, activities, and membership please visit www.srs.org. The SRS Website Committee works to ensure that the website information is accurate, accessible, and tailored for target audiences. Site content is varied and frequently uses graphics to stimulate ideas and interest. Content categories include information for medical professionals, patients/public, and SRS members. For more information, please visit the SRS website at www.srs.org.

Society Office Staff

Ashtin Neuschaefer, CAE - Executive Director
Grace Donlin - Meetings Manager
Erica Ems - Membership & Development Manager
Sammie Farrall – Digital Communications Manager
Madison Lower - Education Manager
Laura Pizur - Research Program Manager
Rebecca Scardino - Education Manager
Michele Sewart, PMP - Senior Communications Manager
Leah Skogman, CMP - Senior Meetings Manager

Scoliosis Research Society

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Social Media

Twitter: @srs org

Facebook: Scoliosis Research Society

Instagram: @srs org

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MEETING OUTLINE

Friday, June 7,	2024	
12:00 - 18:00	Registration Open	Rhine+Seine+Tiber
12:00 - 19:00	Exhibits Open	Rhine+Seine+Tiber
12:45 - 13:00	Presidential Address, Welcome	Vltava+Vistula+Thames+Rhone
13:00 - 14:30	Session 1: From Childhood to Old Age: Growth and Changes - Foundation of Knowledge	Vltava+Vistula+Thames+Rhone
14:30 - 15:00	Exhibit Viewing and Refreshment Break	Rhine+Seine+Tiber
15:00 - 16:00	Industry Workshop A - Globus Medical	Severn+Clyde+Shannon
16:00 - 17:20	Session 2: Early Onset Deformity	Vltava+Vistula+Thames+Rhone
17:30 - 18:30	Industry Workshop B - Medtronic	Severn+Clyde+Shannon
18:30 - 20:00	Welcome Reception, Networking & Exhibit Viewing	Rhine+Seine+Tiber
Saturday, June	8, 2024	
07:30 - 17:30	Registration Open	Rhine+Seine+Tiber
07:30 - 17:00	Exhibit Hall Open	Rhine+Seine+Tiber
08:00 - 10:05	Session 3: Adolescent Idiopathic Scoliosis (AIS)	Vltava+Vistula+Thames+Rhone
10:05 - 10:30	Coffee Break	Rhine+Seine+Tiber
10:30 - 12:00	Session 4: Adolescent Idiopathic Scoliosis (AIS)	Vltava+Vistula+Thames+Rhone
12:10 - 12:20	Lunch Pick-Up	Rhine+Seine+Tiber
12:20 - 13:20	Industry Workshop C - Highridge Medical	Severn+Clyde+Shannon
13:30 - 15:00	Session 5: Neuromuscular	Vltava+Vistula+Thames+Rhone
15:00 - 15:25	Coffee Break	Rhine+Seine+Tiber
15:25 - 17:50	Session 6: Adult Deformity	Vltava+Vistula+Thames+Rhone
Sunday, June 9), 2024	
07:30 - 12:00	Registration Open	Rhine+Seine+Tiber
07:30 - 10:00	Exhibits Open	Rhine+Seine+Tiber
08:00 - 09:30	Session 7: Kyphosis	Vltava+Vistula+Thames+Rhone
09:30 - 10:00	Refreshment Break	Rhine+Seine+Tiber
10:00 - 12:00	Session 8: Acquired Deformities and Prevention of Complications	Vltava+Vistula+Thames+Rhone
12:00	Adjourn	