

The Scoliosis Research Society presents

Current Concepts in SPINE DEFORMITY



Florianópolis, Brazil | March 13-14, 2020

Final Program



www.srs.org/ccsd

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Future SRS Meetings

Worldwide Courses

Spine Deformity Solutions: A Hands-On Course

June 17-19, 2020 – Nijmegen, the Netherlands

November 12-14, 2020 – Singapore

Current Concepts in Spine Deformity

December 11-12, 2020 – Warsaw, Poland

International Meeting on Advanced Spine Techniques (IMAST)

27th IMAST

April 1-4, 2020 – Athens, Greece

Annual Meeting

55th Annual Meeting

September 9-12, 2020 – Phoenix, Arizona

Planning Committee

SRS President 2019-2020

Paul D. Sponseller, MD, MBA

Worldwide Courses Committee Chair

Saumyajit Basu, MD

Course Chair

André Luis Fernandes Andújar, MD

Course Co-Chair

Luis Eduardo Munhoz da Rocha, MD

Faculty (in alphabetical order)

Carlos Abreu de Aguiar, MD
 Ricardo Acácio dos Santos, MD
 Rodrigo Augusto do Amaral, MD
 Nelson Astur Neto, MD, MSc
 Carlos Eduardo Barsotti, MD
 Rinaldo Claudino, MD
 Henrique Dagostin de Arjona, MD
 Helton Luiz Aparecido Defino, MD
 Fábio Ferri-de-Barros, MD, MSc, FSBOT, FRCSC
 Alexandre Fogaça Cristante, MD, PhD
 Alberto O. Gotfryd, MD, PhD
 Lawrence L. Haber, MD
 Olavo Biraghi Letaif, MD, MSc
 Stephen J. Lewis, MD, MSc, FRCSC
 Carlos Henrique Maçaneiro, MD
 Raphael Martus Marcon, MD, PhD
 Cristiano Magalhães Menezes, MD, PhD
 Robert Meves, MD, PhD
 Luiz Müller Ávila, MD
 Luiz Henrique Pimenta, MD, PhD
 Denis Sakai, MD
 Paul D. Sponseller, MD, MBA
 Mark Weidenbaum, MD
 Ratko Yurac, MD

General Meeting Information

Venue Information

Açores Espaços de Eventos

Condomínio Costao do Santinho - Estr. Ver. Onildo Lemos,
2505 - Santinho, Florianópolis - SC, 88058-700, Brazil

Headquarters Hotel

Costão do Santinho Resort

Estr. Ver. Onildo Lemos, 2505 – Praia do Santinho,
Florianópolis - SC, 88058-700, Brazil

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 time inside the Açores Espaços de Eventos 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

The state of Santa Catarina's, wherein Florianópolis is located, power supply is 220V. The outlets accommodate Type C (two round pins) and Type N (two round and one grounding pins) plugs.

Emergency & First Aid

The Açores Espaços de Eventos 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. Portuguese simultaneous translation will be offered.

Smoking Policy

Smoking is not permitted during any meeting activity or event.

Evaluations

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



or Navigate to: www.surveymonkey.com/r/BrazilCCSD2020

Lost & Found

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

Presentations

The faculty PowerPoint presentations and handouts are available to view and download from the course website www.srs.org/ccsd

Registration Desk

Location: Açores Espaços de Eventos Foyer

Hours: Friday, March 13	7:00 – 19:00
Saturday, March 14	7:30 – 10:50

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.

Time Zone

Florianópolis is -3 hours Greenwich Mean Time (+1 hours from EST and +4 hours from PST) and is referred to as Brasilia Standard Time.

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. All presentations used in the course will be available to delegates after the meeting on the SRS website.

Welcome Reception

Friday, March 13, 2020

19:00 – 21:00

Exhibit Hall in the Foyer at the Açores Espaços de Eventos

All registered delegates are invited to attend the Welcome Reception on Friday, March 13. 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.

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 normal growth, maturation and alignment of the spine
- Apply foundational knowledge of EOS, AIS, and ASD to create operative and non-operative treatment plans for patients while maximizing safety and value.
- Select the proper levels of fusion for the different types of Lenke curves and measures to prevent complications
- Demonstrate practical technique of casting and planning of the surgical treatment, including fusion levels and different techniques of correction and osteotomies for patients with spinal deformity.
- Describe the use of Health-Related Quality of Life data and appropriate outcome measures

- Identify consequences and barriers contributing to and resulting in delayed patient care and determine action plans to resolve them.

Target Audience

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

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.

Açores Espaços de Eventos Floor Plan

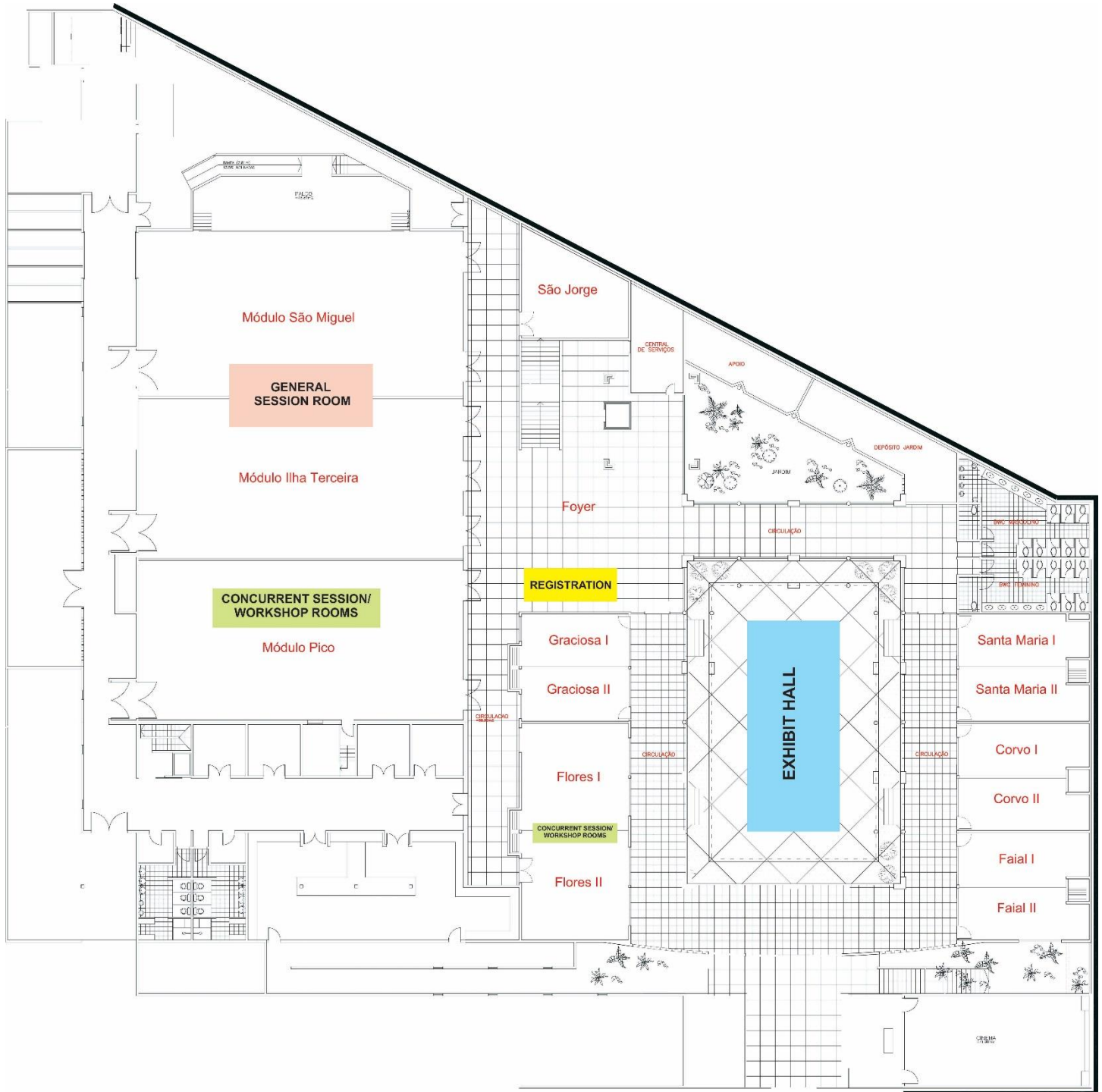
Floor: Ground Level

Registration: Foyer

Exhibit Hall

General Session Room: Ilha Terceira + São Miguel

Concurrent Session/ Workshop Room: Pico & Flores



Current Concepts in Spine Deformity Course Program

Açores Espaços de Eventos | March 13-14, 2020

Friday, March 13, 2020

- 7:00 – 19:00** **Registration Open**
- 8:00 – 21:00** **Exhibits Open**
- 7:45 – 8:00** **Course Welcome**
André Luis Fernandes Andújar, MD and Paul D. Sponseller, MD, MBA
- 8:00 – 10:00** **Early Onset Scoliosis: Foundation Knowledge & Conservative Treatment**
Moderated by *Paul D. Sponseller, MD, MBA* and *Luis Eduardo Munhoz da Rocha, MD*
- 8:00 – 8:10 Early Onset Scoliosis: Overview and Natural History
Nelson Astur Neto, MD, MSc
- 8:10 – 8:20 Growth of the Spine and Thorax
Olavo Biraghi Letaif, MD, MSc
- 8:20 – 8:30 Classification Systems for EOS and Congenital Scoliosis: How Do They Help and What Do They Tell Us?
André Luis Fernandes Andújar, MD
- 8:30 – 8:40 Treatment Goals for EOS
Fábio Ferri-de-Barros, MD, MSc, FSBOT, FRCSC
- 8:40 – 8:55 Discussion
- 8:55 – 9:05 Indications for Conservative Treatment and Surgery
Paul D. Sponseller, MD, MBA
- 9:05 – 9:15 Technique of Halo Gravity Traction: Results and Complications
Luis Eduardo Munhoz da Rocha, MD
- 9:15 – 9:25 When and How to Move from Cast to Brace? Ongoing Surveillance
Lawrence L. Haber, MD
- 9:25 – 9:45 Corrective Cast Application: Live Demonstration
André Luis Fernandes Andújar, MD with Luiz Müller Ávila, MD; Carlos Abreu de Aguiar, MD; Henrique Dagostin de Arjona, MD
- 9:45 – 10:00 Discussion
- 10:00 – 10:30** **Exhibit Viewing and Refreshment Break**
Refreshments are supported, in part, by a grant from Globus Medical, Inc.

Current Concepts in Spine Deformity Course Program

Friday, March 13, 2020

- 10:30 – 12:50 Early Onset Scoliosis: Surgical Treatment**
 Moderated by *Lawrence L. Haber, MD* and *Carlos Abreu de Aguiar, MD*
- 10:30 – 10:40 Surgical Treatment of EOS - Classification of Growth Friendly Systems
Stephen J. Lewis, MD, MSc, FRCSC
- 10:40 – 10:50 How to Select Fusion Levels for Growth Friendly Systems
Paul D. Sponseller, MD, MBA
- 10:50 – 11:00 IONM: Indications and Unique Features of Patients with EOS
Rinaldo Claudino, MD
- 11:00 – 11:10 Discussion
- 11:10 – 11:20 Risks x Benefits and Current Indications of Rib-Based Distraction Systems, Traditional and Magnetic Growing Rods
Fábio Ferri-de-Barros, MD, MSc, FSBOT, FRCSC
- 11:20 – 11:30 Risks x Benefits and Current Indications of Guided and Growth Modulation Systems
Lawrence L. Haber, MD
- 11:30 – 11:40 Discussion
- 11:40 – 11:50 Risks x Benefits and Current Indications of Definitive Fusion and Osteotomies
Luis Eduardo Munhoz da Rocha, MD
- 11:50 – 12:00 Risks x Benefits and Current Indications of Early Vertebrectomy and Short Fusion for Congenital Deformities
André Luis Fernandes Andújar, MD
- 12:00 – 12:10 Discussion
- 12:10 – 12:20 Neuromuscular Conditions and Implications for Treatment
Paul D. Sponseller, MD, MBA
- 12:20 – 12:30 Measures to Improve Safety in EOS Surgery and Minimize Perioperative Complications
Fábio Ferri-de-Barros, MD, MSc, FSBOT, FRCSC
- 12:30 – 12:40 Management of Complications from Surgical Treatment
Lawrence L. Haber, MD
- 12:40 – 12:50 Discussion
- 12:50 – 13:00 Lunch Pickup**
- 13:00 – 13:55 Industry Workshops**
- Globus Medical, Inc.** **Room Flores**
 Vertebral Body Rotation: Techniques and Results
Prof. Fernando Herrero and Dr. Bruno Ancheschi
- NuVasive** **Room Pico**
 Optimizing Your Results in Idiopathic Scoliosis (Case Discussion)
Murilo T. Daher, MD; Olavo Biraghi Letaif, MD, MSc; and Ricardo Acácio dos Santos, MD

Current Concepts in Spine Deformity Course Program

Friday, March 13, 2020

- 13:55 – 14:00** **Passing Time**
- 14:00 – 16:30** **Early Onset Scoliosis Case Discussion & Health-Related Quality of Life Assessment**
 Moderated by *Fábio Ferri-de-Barros, MD, MSc, FSBOT, FRCS* and *Luis Eduardo Munhoz da Rocha, MD*
- 14:00 – 15:00 Case Debates:
- | | |
|------------------------|---|
| Growing Systems | <i>Fábio Ferri-de-Barros, MD, MSc, FSBOT, FRCSC</i> |
| Conservative Treatment | <i>André Luis Fernandes Andújar, MD</i> |
| Tethering | <i>Lawrence L. Haber, MD</i> |
| Definitive Fusion | <i>Luis Eduardo Munhoz da Rocha, MD</i> |
- 15:00 – 15:30 Case Presentations from Attendees
 Cases submitted by attendees online, prior to the meeting, will be discussed by a faculty panel.
- 15:30 – 15:40 Current Validated Tools for HRQoL Assessment
Robert Meves, MD, PhD
- 15:40 – 15:50 HRQoL Questionnaire: What Is It and What Is It For?
Stephen J. Lewis, MD, MSc, FRCSC
- 15:50 – 16:00 Discussion
- 16:00 – 16:10 When and How to Apply HRQoL Questionnaire and How to Analyze It for Research and Better Patient Care
Paul D. Sponseller, MD, MBA
- 16:10 – 16:20 Quality and Safety in Spine Surgery
Mark Weidenbaum, MD
- 16:20 – 16:30 Discussion
- 16:30 – 17:00** **Exhibit Viewing and Refreshment Break**

Current Concepts in Spine Deformity Course Program

Friday, March 13, 2020

- 17:00 – 18:20 Adolescent Idiopathic Scoliosis: Principles**
 Moderated by *Robert Meves, MD, PhD* and *Alexandre Fogaça Cristante, MD, PhD*
- 17:00 – 17:10 Current Methods for Evaluation of Skeletal Maturity
Carlos Abreu de Aguiar, MD
- 17:10 – 17:20 Conservative Treatment for AIS: Current Tendencies
Carlos Abreu de Aguiar, MD
- 17:20 – 17:30 Routine Preoperative Evaluation for AIS
Fábio Ferri-de-Barros, MD, MSc, FSBOT, FRCSC
- 17:30 – 17:40 Discussion
- 17:40 – 17:50 Seeing the Spine in 3D
Ricardo Acácio dos Santos, MD
- 17:50 – 18:00 Vertebral Body Derotation: Techniques and Results
Stephen J. Lewis, MD, MSc, FRCSC
- 18:00 – 18:10 3D Correction of AIS: What is Possible in 2020?
Lawrence L. Haber, MD
- 18:10 – 18:20 Discussion
- 18:20 – 18:25 Passing Time**
- 18:25 – 19:00 Bring Your Case and Consult with Faculty – an Informal Discussion**
 This session will provide attendees the opportunity to bring their own cases or cases that interest them and discuss them with faculty in a small-group format. Attendees are encouraged to move between faculty to seek different perspectives and opinions.
 Pediatric Room: São Miguel + Ilha Terceira
 Adult Room: Pico
- 19:00 – 21:00 Welcome Reception**
The Welcome Reception is supported, in part, by a grant from NuVasive.

Current Concepts in Spine Deformity Course Program

Saturday, March 14, 2020

7:30 – 10:50 **Registration Open**

8:00 – 14:30 **Exhibits Open**

8:00 – 10:30 **Adolescent Idiopathic Scoliosis: Fusion Levels**

Moderated by *André Luis Fernandes Andújar, MD* and *Stephen J. Lewis, MD, MSc, FRCSC*

8:00 – 8:10 Proximal Level Selection for AIS
Denis Sakai, MD

8:10 – 8:20 Tips and Tricks to Level the Shoulders in Thoracic Curves
Stephen J. Lewis, MD, MSc, FRCSC

8:20 – 8:35 Distal Level Selection in AIS
Paul D. Sponseller, MD, MBA

8:35 – 9:05 Case Discussions

9:05 – 9:15 Selective Thoracic Fusion - Do's and Don'ts
Stephen J. Lewis, MD, MSc, FRCSC

9:15 – 9:25 Lenke 5 and 6 Curves: Techniques for Lumbar Curve Correction
Luiz Müller Ávila, MD

9:25 – 9:35 Complications of AIS and Prevention
Lawrence L. Haber, MD

9:35 – 10:05 Case Discussions

10:05 – 10:20 Access of Care and Waiting Lists for Treatment: Quality, Safety and Value
Fábio Ferri-de-Barros, MD, MSc, FSBOT, FRCSC

10:20 – 10:30 Discussion

10:30 -10:50 **Exhibit Viewing and Refreshment Break**

Current Concepts in Spine Deformity Course Program

Saturday, March 14, 2020

- 10:50 – 12:50 Adult Spinal Deformity: Principles & Conservative Treatment**
 Moderated by *Carlos Henrique Maçaneiro, MD* and *Ratko Yurac, MD*
- 10:50 – 11:00 Etiologies of Adult Deformities
Alexandre Fogaça Cristante, MD, PhD
- 11:00 – 11:10 Natural History of ASD
Luiz Henrique Pimenta, MD, PhD
- 11:10 – 11:20 Clinical Evaluation: Comorbidities that Influence Prognosis
Mark Weidenbaum, MD
- 11:20 – 11:30 Discussion
- 11:30 – 11:40 Axial and Sagittal Alignment Parameters and the Compensatory Mechanisms
Stephen J. Lewis, MD, MSc, FRCSC
- 11:40 – 11:50 Current Classification Systems: Treatment Implications and Prognosis
Rodrigo Augusto do Amaral, MD
- 11:50 – 12:00 Conservative Treatment: Risks, Benefits, and Complications
Carlos Henrique Maçaneiro, MD
- 12:00 – 12:10 Discussion
- 12:10 – 12:20 Risk Stratification for Adult Deformities
Mark Weidenbaum, MD
- 12:20 – 12:30 Risks x Benefits for Standard Diagnostic Injections and Use in Surgical Decision Making
Ratko Yurac, MD
- 12:30 – 12:40 Measures to Improve Safety in ASD Surgery and Minimize Perioperative Complications
Mark Weidenbaum, MD
- 12:40 – 12:50 Discussion
- 12:50 – 13:00 Lunch Pickup**
- 13:00 – 13:55 Industry Workshops**
- Medtronic** **Room Pico**
 Deformity Corrections: Our Experience
Alexandre Fogaça Cristante, MD, PhD and *Raphael Martus Marcon, MD, PhD*
- Stryker** **Room Flores**
 Correction Techniques of Complex Deformities
Stephen J. Lewis, MD, MSc, FRCSC
- 13:55 – 14:05 Passing Time**

Current Concepts in Spine Deformity Course Program

Saturday, March 14, 2020

14:05 – 16:30 **Adult Spinal Deformity: Surgical Indications & Techniques**

Moderated by *Mark Weidenbaum, MD* and *Helton Luiz Aparecido Defino, MD*

- 14:10 – 14:20 Anterior and Posterior Treatment Options
Helton Luiz Aparecido Defino, MD
- 14:20 – 14:25 VCR: Indications and Technique
Stephen J. Lewis, MD, MSc, FRCSC
- 14:25 – 14:30 PSO: Indications and Technique
Alberto O. Gotfryd, MD, PhD
- 14:30 – 14:35 PCOs - Pontes, SMO: Indications and Technique
Ratko Yurac, MD
- 14:35 – 14:45 Discussion
- 14:45 – 14:50 PLIF / TLIF: Indications and Technique
Carlos Eduardo Barsotti, MD
- 14:50 – 14:55 LLIF / OLIF / ALIF: Indications and Technique
Cristiano Magalhães Menezes, MD, PhD
- 14:55 – 15:05 Advantages x Disadvantages of Staging Major Surgeries in Adult Spinal Deformity
Raphael Martus Marcon, MD, PhD
- 15:05 – 15:15 MIS for Deformity: Can it Work?
Cristiano Magalhães Menezes, MD, PhD
- 15:15 – 15:45 Discussion
- 15:45 – 16:30 Case Presentations from Attendees
Cases submitted by attendees online, prior to the meeting, will be discussed by a faculty panel.

16:30 **Course Adjournment**

Notes

Early Onset Scoliosis: Foundation Knowledge & Conservative Treatment

What did you learn during this session? (What was your “a-ha” moment?)

How will you include the new things you learned in your practice?

What questions do you still have or wished you asked?

Notes

Early Onset Scoliosis: Surgical Treatment

What did you learn during this session? (What was your “a-ha” moment?)

How will you include the new things you learned in your practice?

What questions do you still have or wished you asked?

Notes

Early Onset Scoliosis Case Discussion & Health-Related Quality of Life Assessment

What did you learn during this session? (What was your “a-ha” moment?)

How will you include the new things you learned in your practice?

What questions do you still have or wished you asked?

Notes

Adolescent Idiopathic Scoliosis: Principles

What did you learn during this session? (What was your “a-ha” moment?)

How will you include the new things you learned in your practice?

What questions do you still have or wished you asked?

Notes

Adolescent Idiopathic Scoliosis: Fusion Levels

What did you learn during this session? (What was your “a-ha” moment?)

How will you include the new things you learned in your practice?

What questions do you still have or wished you asked?

Notes

Adult Spinal Deformity: Principles & Conservative Treatment

What did you learn during this session? (What was your “a-ha” moment?)

How will you include the new things you learned in your practice?

What questions do you still have or wished you asked?

Notes

Adult Spinal Deformity: Surgical Indications & Techniques

What did you learn during this session? (What was your “a-ha” moment?)

How will you include the new things you learned in your practice?

What questions do you still have or wished you asked?

Exhibitor Descriptions

Globus Medical, Inc. – Booth # 2

2560 General Armistead Avenue
Audubon, PA 19403 USA
www.globusmedical.com

Globus Medical, Inc. is a leading musculoskeletal solutions company and is driving significant technological advancements across a complete suite of products ranging from spinal and trauma therapies to regenerative solutions, to robotics, navigation and imaging. Founded in 2003, Globus' single-minded focus on advancing spinal surgery has made it the fastest growing company in the history of orthopedics. Globus is driven to utilize superior engineering and technology to achieve pain free, active lives for all patients with musculoskeletal disorders.

Medtronic – Booth # 4

Operational Headquarters
710 Medtronic Parkway
Minneapolis, MN 55432-5604 USA
Tel: +1 763-514-4000
Toll-free: 1-800-633-8766
Fax: +1 763-514-4879
www.medtronic.com

Making healthcare better is our priority and we believe technology can play an even greater role in improving people's lives. In addition to alleviating pain, restoring health, extending lives, we work in partnership with others to create seamless, more efficient care. Learn how we're taking healthcare Further, Together at Medtronic.com.

NuVasive – Booth # 1

7475 Lusk Blvd
San Diego, CA 92121 USA
www.nuvasive.com

NuVasive is the leader in spine technology innovation, focused on transforming spine surgery and beyond with minimally disruptive, procedurally integrated solutions designed to deliver reproducible and clinically-proven surgical outcomes. The Company's portfolio includes access instruments, implantable hardware, biologics, software systems for surgical planning, navigation and imaging solutions, magnetically adjustable implant systems for spine and orthopedics, and intraoperative monitoring service offerings.

Technicare – Booth # 3

Todd Newell
KenKar LLC
Cel: +1 617-460-3454
www.technicare.com.br and www.allenmedical.com

Technicare marks its presence in the national market by bringing products from Europe and the Americas that are new to the country. One example is through the partnership with Allen Medical, with solutions for positioning patients in the operating room. With a dynamic and integrated structure, Technicare believes in overcoming people and knows that success is a consequence of work, the motivation and training of the team, engaged in the constant improvement of the company and in the offer of differentiated products and services.

Industry Workshops

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

Friday, March 13 – 13:00 – 13:55

Globus Medical, Inc.

Room: Flores

Title: Vertebral Body Derotation Techniques and Results

Faculty: *Prof. Fernando Herrero and Dr. Bruno Ancheschi*

Description: Prof. Fernando and Dr. Bruno will share their experience on Vertebral Body Derotation: Techniques and Results. They will present techniques on rod rotation, osteotomy, direct vertebral body derotation, compression, distraction and results featuring REVERE® deformity products. Each didactic session will include case based discussion and opportunity for active audience interaction with faculty.

NuVasive

Room: Pico

Title: Optimizing Your Results in Idiopathic Scoliosis (Case Discussion)

Faculty: *Murilo T. Daher, MD; Olavo Biraghi Letaif, MD, MSc; and Ricardo Acácio dos Santos, MD*

Description: NuVasive's workshop will highlight pediatric deformity.

Saturday, March 14 – 13:00 – 13:55

Medtronic

Room: Pico

Title: Deformity Corrections: Our Experience

Faculty: *Alexandre Fogaça Cristante, MD, PhD and Raphael Martus Marcon, MD, PhD*

Description: Drs. Marcon and Fogaça will share their expertise on osteotomies, reductions and derotations. They will present the key points of each technique with interactive case discussion for the audience to join in on the conversation.

Stryker

Room: Flores

Title: Correction Techniques of Complex Deformities

Faculty: *Stephen J. Lewis, MD, MSc, FRCSC*

Description: Dr. Stephen Lewis will lead attendees through a case-based discussion demonstrating correction techniques, tips and pearls, and benefits of the Xia® 3 Spinal System to correct complex deformities.

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 1,300 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.

Senior Candidate Fellowship (membership) is limited to senior surgeons, neurosurgeons and to non-physicians members of allied specialties. This candidacy is a path to SRS Active Fellowship. Senior surgeons have the opportunity to become Active Fellows of SRS in two years and not 5 years like the regular Candidate Fellowship track. They must have 20 years of experience (time spent with fellowship and training does not count), be a full professor, head of spine unit or chief of spine division, and clinical practice which includes 20% spinal deformity. After two years, those who complete all requirements are eligible to apply for Active Fellowship in the Society. Senior Candidate Fellowship does not include the right to vote or hold office.

Visit www.srs.org/membership 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.

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Social Media

Twitter: [@srs_org](https://twitter.com/srs_org)

Facebook: Scoliosis Research Society

Instagram: [@srs_org](https://www.instagram.com/srs_org)

LinkedIn: Scoliosis Research Society

MEETING OUTLINE

Friday, March 13, 2020		
7:00 – 19:00	Registration Open	Foyer
8:00 – 21:00	Exhibits Open	Exhibit Hall
7:45 – 8:00	Course Welcome	São Miguel + Ilha Terceira
8:00 – 10:00	Early Onset Scoliosis: Foundation Knowledge & Conservative Treatment	São Miguel + Ilha Terceira
10:00 – 10:30	Exhibit Viewing and Refreshment Break	Exhibit Hall
10:30 – 12:50	Early Onset Scoliosis: Surgical Treatment	São Miguel + Ilha Terceira
12:50 – 13:00	Lunch Pickup	Exhibit Hall
13:00 – 13:55	Industry Workshop	Flore and Pico
14:00 – 16:30	Early Onset Scoliosis Case Discussion & HRQoL Assessment	São Miguel + Ilha Terceira
16:30 – 17:00	Exhibit Viewing and Refreshment Break	Exhibit Hall
17:00 – 18:20	Adolescent Idiopathic Scoliosis: Principles	São Miguel + Ilha Terceira
18:25 – 19:00	Bring Your Case	São Miguel + Ilha Terceira and Pico
19:00 – 21:00	Welcome Reception	Exhibit Hall
Saturday, March 14, 2020		
7:30 – 10:50	Registration Open	Foyer
8:00 – 14:30	Exhibits Open	Exhibit Hall
8:00 – 10:30	Adolescent Idiopathic Scoliosis: Fusion Levels	São Miguel + Ilha Terceira
10:30 – 10:50	Exhibit Viewing and Refreshment Break	Exhibit Hall
10:50 – 12:50	Adult Spinal Deformity: Principals and Conservative Treatment	São Miguel + Ilha Terceira
12:50 – 13:00	Lunch Pickup	Exhibit Hall
13:00 – 13:55	Industry Workshops	Flore and Pico
14:05 – 16:30	Adult Spinal Deformity: Surgical Indications and Techniques	São Miguel + Ilha Terceira
16:30	Course Adjournment	São Miguel + Ilha Terceira