SCOLIOSIS RESEARCH SOCIETY

Spine Deformity Solutions: A Hands-On Course

July 31- August 2, 2026 | São Paulo, Brazil

FINAL PROGRAM

MEETING OVERVIEW

Meeting Description

The Hands-On Course will provide an opportunity for participants to expand their knowledge and improve their skills through training and discussions with leading spinal deformity surgeons from around the world. Registration is limited to ensure that every participant can closely interact with faculty, small group interaction for better learning, and opportunities for hands-on work. Nine hours of the course will be devoted to lab work. Topics and lab sessions will cover all anatomic areas of the spine with focus on instrumentation and complex corrective procedures. There will be 4 half day modules including posterior cervical spine, plus an optional Saturday morning in depth cervical module (on a first come first come registration basis).

Learning Outcomes/Objectives

As a result of participating in this activity, participants should be able to:

- Identify appropriate options for cervical and adult deformity reconstruction
- Employ techniques to avoid complications in spinal deformity surgery
- Develop skills in complex cervical deformity correction
- Identify the appropriate indications for the use of spinopelvic instrumentation
- Demonstrate skills for the correct placement of spinopelvic instrumentation
- Integrate techniques for posterior and anterior lumbo-sacral deformity corrections
- Demonstrate knowledge and skills for performing basic and complex spinal osteotomies

Course Overview

Pre-Recorded Lectures (SRS BrightSpace system)

- Fixation of Thoracic, Lumbar, Sacrum, and Pelvis (Hooks, Pedicle Screws, Iliac Screws, and S2AIa-Ilium Screws Fixation)
- How to Reduce Complication Rates: PJK and Revision Surgery
- How to Reduce Complication Rates: Pseudo and Revision surgery
- Osteotomies, three column osteotomy, Ponte, smith-peterson-osteotomy: Indications and Technique
- Pelvic fixation
- Occipital and Cervical Fixation with Cervical Pedicle Screws and Lateral Mass Screws
- Principles and Treatment of Cervical Deformity and Cervical Alignment

GENERAL MEETING INFORMATION

Target Audience

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

Language

English is the official language of the course, and all presentations and course materials will be provided in English.

Attire

Business casual attire is appropriate for the Fireside Chats. Casual attire and scrubs are appropriate for the lecture and lab sessions. Scrubs, disposables, and lead aprons will be provided at the lab. ***Thyroid protection will not be provided at the lab. Participants will need to provide their own thyroid shields if they need or want them.***

Special Needs

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

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. 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 or guest 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 a scientific meeting 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.

LOCATION INFORMATION

Friday, July 31 | Registration and Case Discussions

Tivoli Mofarrej São Paulo Hotel
Alameda Santos, 1437 - Cerqueira César
São Paulo - SP, 01419-001, Brazil
Directions by Car

Saturday, August 1 and Sunday, August 2 | Lecture Sessions and Practical Exercises

M.A.R.C. Institure located at Cruzeiro do Sul Educacional
Alameda Santos, 1420 - Jardim Paulista, São Paulo – SP.
Directions by Car

MEETNG ROOMS

Welcome Reception & Case Discussions - Tivoli Mofarrej São Paulo Hotel

ROOM	FUNCTION
Level 3 Foyer	Registration Check-In & Welcome Reception
Pinheiros AB	Case Discussion Room 1
Ipiranga	Case Discussion Room 2

Lab & Lecture Space - M.A.R.C. Institure located at Cruzeiro do Sul Educacional

ROOM	FUNCTION
Relaxation Room, 11th Floor, Paulista Tower	Refreshment Break & Lunch Break Saturday morning only
Room 1103, 11th Floor, Paulista Tower	Lecture Space
Marc Lab, SL Floor, Alameda Tower	Lab Space
Terrace, Alameda Tower	Refreshment Break & Lunch Break Saturday afternoon and Sunday
Marc Lab, SL Floor, Alameda Tower	Dressing Room

Tivoli Mofarrej São Paulo Hotel

16:30-17:30

Faculty Pre-Course Meeting | Location: Pinheiros AB

17:30-18:30

Welcome Reception & Participant Registration | Location: Bistro

After check-in, attendees will be directed to their designated fireside chat rooms for small group case discussions.
Light dinner and beverages will be available inside the discussion rooms.

18:30-20:30

Fireside Chat Case Discussions: Pediatric & Adult Spine Deformity (2 Concurrent Sessions)

Theme: Radiographic Evaluation and Planning for Correction of Spinal Deformity

18:30-20:30 **1. Pediatric & Adult Spine Deformity** – Group 1
Location: Pinheiros AB
Case presenter – Luis E. Munhoz Da Rocha, MD, Marcelo I. Risso Neto, MD, PhD, Alberto O. Gotfryd, MD, PhD, Robert Meves, MD, PhD, Tulio Moura Rangel, MD, Nelson Astur Neto, MD, MSc, PhD

18:30-20:30 **2. Pediatric & Adult Spine Deformity** – Group 2
Location: Ipiranga
Case Presenter – Andre Luis Fernandes Andujar, MD, Vinicius De Meldau Benites, Fernando A.M. Facanha-Filho, MD, Ratko Yurac Sr., MD, Raphael Martus Marcon, MD, PhD

M.A.R.C. Institure located at Cruzeiro do Sul Educacional

7:30-8:00

Welcome and Coffee in Lounge | Location: Relaxation Room, 11th Floor, Paulista Tower

8:00-9:00

Session 1: Thoracolumbar Open Posterior Techniques | Location: Room 1103, 11th Floor, Paulista Tower
Moderator – Karen A. Weissmann, MD, PhD

8:00-8:10 **Course Welcome, explanation of course program, & Introduction of the Team**
Alexandre Fogaça Cristante, MD, PhD & Olavo Biraghi Letaif, MD, MSc, PhD

8:10-8:25 **Minimally Invasive Stabilization of the Thoracolumbar Spine with Percutaneous Screws and Navigation –**
Raphael Martus Marcon, MD, PhD

8:25-8:40 **Direct Lateral (Trans Psoas) and Oblique Lateral Approach to the Lumbar Spine-Degenerative Condition –**
Cristiano M. Menezes, MD, PhD

8:40-8:45 **Discussion**

8:45-9:00 **Introduction to SRS & How to become a Member –**
Andre Luis Fernandes Andujar, MD

9:00-9:40

Session 2: Osteotomies and Pelvic Fixation | Location: Room 1103, 11th Floor, Paulista Tower
Moderator: Andre Luis Fernandes Andujar, MD

9:00-9:15 **Pedicle Subtraction Osteotomy (PSO)**
Alexandre Fogaça Cristante, MD, PhD

9:15-9:30 **Vertebral Column Resection (VCR)**
Olavo Biraghi Letaif, MD, MSc, PhD

9:30-9:40 **Discussion**

9:40- 10:10

Refreshment Break | Location: Relaxation Room, 11th Floor, Paulista Tower

10:10- 10:50

Session 3: Cervical Deformity: Indications, Approach, and Execution | Location: Room 1103, 11th Floor, Paulista Tower
Moderator: Rodrigo G. Remondino, MD

10:10-10:25 **Planning and Execution for Cervical corpectomies and osteotomies**
Alderico Girao

10:25-10:40 **Complications of Cervical Spine Surgery**
Allison R. Telles, MD

10:40-10:50 **Discussion**

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10:50-12:00

Session 4: Anterior and Lateral Approach: Thoracic and Lumbar Spine | Location: Room 1103, 11th Floor, Paulista Tower
Moderator: Luis E. Munhoz Da Rocha, MD

10:50-11:05 **Anterior Spinal Surgery for Scoliosis Overview**
Rodrigo G. Remondino, MD

11:05-11:20 **Evolution of Vertebral Body Tethering: Current Indications and Approaches**
Amer F. Samdani, MD

11:20-11:35 **Technical Steps for Lumbar VBT – Tips and Complication Avoidance**
Amer F. Samdani, MD

11:35-11:50 **Complications of Anterior and Lateral Surgery: How to Deal with Them**
Karen A. Weissmann, MD, PhD

11:50-12:00 **Discussion**

12:00– 12:45

Lunch | Location: Room 1103, 11th Floor, Paulista Tower

12:45

Proceed to lab and dress into disposable surgical gowns | Location: Marc Lab, SL Floor, Alameda Tower

13:00-15:00

Practical Exercise Rotation 1 | Location: Marc Lab, SL Floor, Alameda Tower
See page 6 for exercise details, and the lab station chart for lab assignments

15:00 – 15:30

Refreshment Break & Group Photo | Terrace, Alameda Tower* **Lab staff to reposition the cadavers (30 minutes)**

15:30– 17:30

Practical Exercise, Rotation 2 | | Location: Marc Lab, SL Floor, Alameda Tower
See page 6 for exercise details, and the lab station chart for lab assignments

17:30

Change Clothes & Adjourn for the day | Location: Marc Lab, SL Floor, Alameda Tower

19:00-21:00

Faculty and Industry Dinner (by invitation only).
Participant free night out.

M.A.R.C. Institure located at Cruzeiro do Sul Educacional

7:30-8:00

Changing Rooms Available (change from civilian clothes to surgical scrubs) | Location: Marc Lab, SL Floor, Alameda Tower

7:30-8:00

Welcome and Coffee in Lounge | Location: Marc Lab, SL Floor, Alameda Tower

8:00- 10:00

Practical Exercise, Rotation 3 | Location: Marc Lab, SL Floor, Alameda Tower

See page 6 for exercise details, and the lab station chart for lab assignments

10:00- 10:30

Refreshment Break | Terrace, Alameda Tower*

10:30-12:30

Practical Exercise, Rotation 4 | Location: Marc Lab, SL Floor, Alameda Tower

See page 6 for exercise details, and the lab station chart for lab assignments

12:30-13:15

Lunch | Terrace, Alameda Tower*

13:30-15:30

Practical Exercise, Rotation 5 | Location: Marc Lab, SL Floor, Alameda Tower

See page 6 for exercise details, and the lab station chart for lab assignments

15:30-16:00

Open Question & Answer Wrap-up Session

16:00

Change Clothes and Adjourn

PRATICAL EXERCISES

Training Protocol – Cadaveric Spine Surgery Course

Setup

- The course will be organized into **10 surgical workstations**, arranged in pairs (two or three participants per table).
- Each workstation will be equipped with the necessary instruments and one cadaveric specimen.
- Participants will remain assigned to the **same workstation and specimen** throughout the entire course.

Rotation Schedule

- Each paired table will perform **one designated procedure every two hours**.
- At each two-hour interval, the **procedure to be performed will rotate to the next paired table**.
- After completing **five rotation cycles**, all five paired tables will have performed the **five planned exercises**.

Learning Objectives

- Ensure that all participants gain **hands-on experience** with each of the planned surgical procedures.
- Maintain consistency of anatomical landmarks and surgical exposure by keeping participants with the same specimen.
- Provide a structured, stepwise learning environment that maximizes the educational value of cadaveric training.

EXERCISE BREAKDOWN

Exercise A

- XLIF – L2, L3, L4 – cadaver in lateral position
- ALIF with specimen in dorsal position – L5S1

Exercise B

- Ponte Osteotomy in Thoracic Spine and VCR - Vertebrectomy T9 – cadaver in ventral position
- Sublaminar bands

Exercise C

- Pedicular Subtraction Osteotomy L2 – cadaver in ventral position

Exercise D

- Cervical Anterior and Posterior – cages, disc arthroplasty, lateral mass screw, cervical pedicular screws

Exercise E

- Pelvic Fixation – Iliac Screws, S2ALAR Screws
- Anterior Thoracic Approach – (tether)

CORPORATE SUPPORT

We are pleased to acknowledge and thank the companies that provided financial and in-kind support to SRS for this Hands-On Course. These companies provided educational grants to support costs for facility rental, cadavers, and other course expenses as well as necessary instrumentation and implants for the hands-on lab sessions.

DePuy Synthes
Globus Medical, Inc.
Hiridge Medical
Importek
Medtronic
VB Spine

FUTURE SRS MEETINGS

61st Annual Meeting
October 6-10, 2026 – Sydney, Australia

34th IMAST
April 7-9, 2027 – Copenhagen, Denmark

Scoliosis Research Society
555 E. Wells Street, Suite 1100
Milwaukee, WI 53202-3823 USA
Phone: +1-414-289-9107
Fax: +1-276-3349
meetings@srs.org
www.srs.org