

The Scoliosis Research Society presents



# Current Concepts in SPINE DEFORMITY

July 28-30, 2022 | Santiago, Chile

## Final Program



[www.srs.org/ccsd](http://www.srs.org/ccsd)

# Thank you to our Corporate Supports

## Educational Grant Support

DePuy Synthes

## Exhibits

Globus Medical

## Workshops

Globus Medical

Stryker Spine

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## Future SRS Meetings

### Worldwide Courses

#### Spine Deformity Solutions: A Hands-On Course

October 27-29, 2022 – Singapore, Singapore

June 14-17, 2023 – Nijmegen, the Netherlands

October 13-15, 2023 – Hong Kong, China

#### Current Concepts in Spine Deformity

November 18-19, 2022 – Warsaw, Poland

April 13-15, 2023 – Sao Paulo, Brazil

### International Meeting on Advanced Spine

#### Techniques (IMAST)

##### 30<sup>th</sup> IMAST

March 22-24, 2023 – Dublin, Ireland

### Annual Meeting

#### 57<sup>th</sup> Annual Meeting

September 14-17, 2022 – Stockholm, Sweden

# Planning Committee

## **SRS President 2021-2022**

Christopher Shaffrey, MD

## **Global Education in Spine Deformity Committee Chair**

Saumyajit Basu, MD

## **CCSD Subcommittee Chair**

Kota Watanabe, MD, PhD

## **Course Chairs**

Karen A. Weissmann, MD, PhD

Ratko Yurac Sr., MD

## **Faculty (in alphabetical order)**

Fernando Alvarado Gomez Sr., MD

Hector Luiz Aparecido Defino, MD

Andre Luis Fernandes Andujar, MD

Virginie Lafage, PhD

Patricio Melero, MD

Luis Eduardo Minhoz Da Rocha, MD

Abhay Nene, MD

Mariano A. Noel, MD

Carlos A. Tello, MD, PhD

Rodrigo E. Varela

Muharram Yazici, MD

## **Supplemental Case Discussion Faculty**

Juan Ignacio Cirillo Toter Jr., MD

Carlos M. Huaiquilaf, MD

Marcelo Perez, MD

Ronald Schulz Ibaceta, MD

# General Meeting Information

## Venue & Headquarter Hotel

Plaza el Bosque Nueva Las Condes  
Av. Manquehue Nte. 656, Las Condes,  
Región Metropolitana, Chile

## 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 Plaza el Bosque Nueva Las Condes 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 standard voltage in Chile is 220 V, 50 Hz. The outlets accommodate type C (two round pins) and type L (three round pins) plugs.

## Emergency & First Aid

The Plaza el Bosque Nueva Las Condes 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.

## Time Zone

Santiago is -4 hours Greenwich Mean Time (+0 hours from EST and +3 hours from PST) and is referred to as Chile Standard Time.

## Evaluations

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

Navigate to: <https://www.surveymonkey.com/r/NVF522J>

## 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](http://www.srs.org/ccsd)

## Registration Desk

Location: Plaza el Bosque Nueva Las Condes Foyer

Hours: Thursday, July 28	7:00 – 19:30
Friday, July 29	7:00 – 19:00
Saturday, July 30	8:00 – 12:30

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

## Welcome Reception

Thursday, July 28, 2022

19:30 – 21:00

Foyer of the Plaza el Bosque Nueva Las Condes

All registered delegates are invited to attend the Welcome Reception on Thursday, July 28. 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.

# The Plaza el Bosque Nueva Las Condes

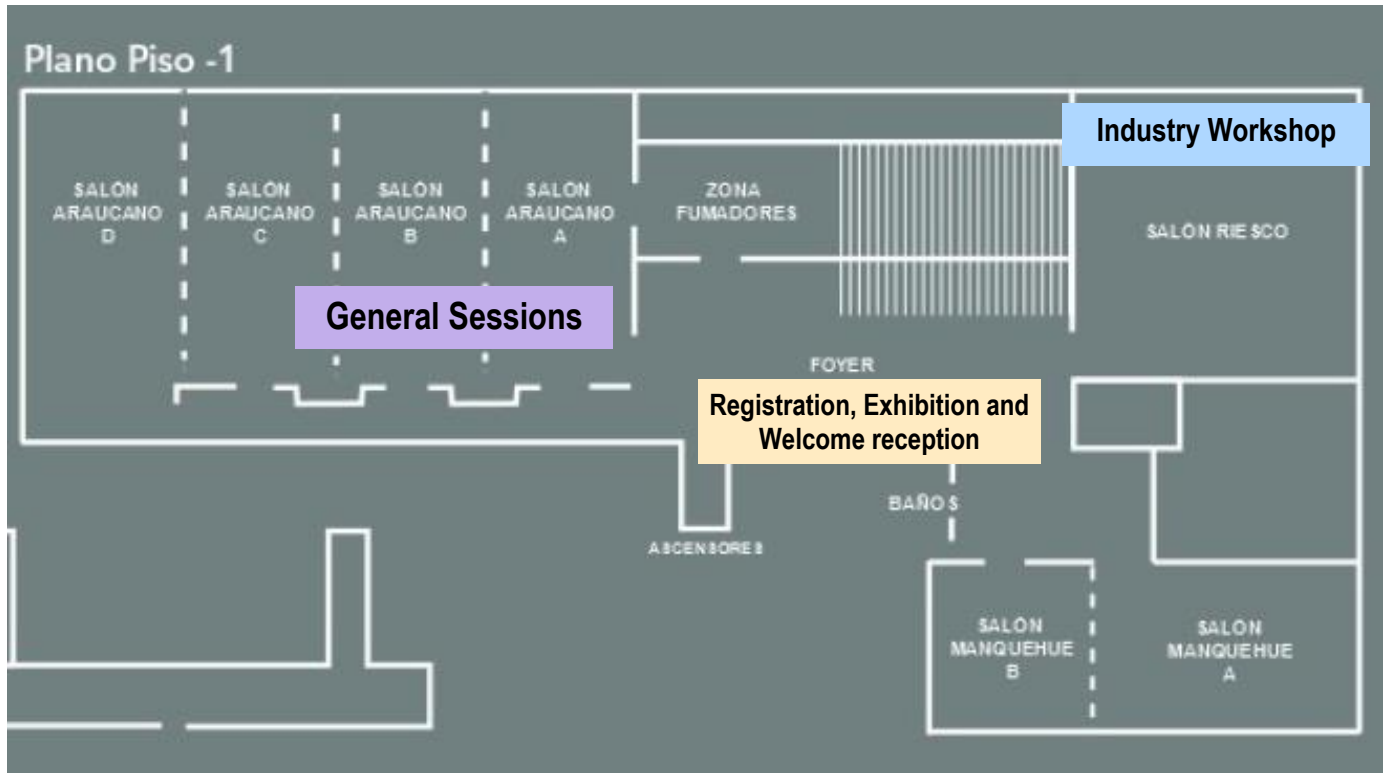
Floor: Plano Piso- 1

Registration: Foyer

Exhibit Hall: Foyer

General Session Room: Salon Araucano A+B+C

Workshop Room: Salon Riesco



# Current Concepts in Spine Deformity Course Program

Plaza el Bosque Nueva Las Condes | July 28-30, 2022

Thursday, July 28, 2022

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- 7:00 – 19:30**      **Registration Open**
- 8:00 – 21:00**      **Exhibits Open**
- 8:00 – 8:10**        **Course Welcome**  
*Karen A. Weissmann, MD, PhD*
- 8:10 – 8:30**        **From Childhood to Old Age: Growth and Changes**  
*Carlos A. Tello, MD, PhD*
- 8:30 – 10:30**      **Foundation Of Knowledge**
- 8:30 – 8:45        Assessment of Maturation: When is the Real Change to Adulthood  
*Muharram Yazici, MD*
- 8:45 – 9:00        40s Crisis, Reality or Myth  
*Ratko Yurac Sr., MD*
- 9:00 – 9:15        70s Are the New 40s: Does Your Body Agree  
*Rodrigo E. Varela, MD*
- 9:15 – 9:30        Discussion  
*Patricio Melero, MD & Abhay Nene, MD*
- 9:30 – 9:45        Alignment of the Spine/Biomechanics  
*Abhay Nene, MD*
- 9:45 – 10:00      Sagittal Spinopelvic Parameters and Compensatory Mechanism  
*Virginie Lafage, PhD*
- 10:00 – 10:15     Bone Healing, Fusion Biology and Prerequisites on How to Achieve a Solid Fusion  
*Hector Luiz Aparecido Defino, MD*
- 10:15 – 10:30     Discussion  
*Patricio Melero, MD & Abhay Nene, MD*
- 10:30 – 11:00**    **Exhibit Viewing and Refreshment Break**



**11:00 – 13:30 Early Onset Deformity**

- 11:00 – 11:30 Casting (Indications and Technique): Live Demonstrations  
*Karen A. Weissmann, MD, PhD*
- 11:30 – 11:45 2 Cases: VOTE  
*Rodrigo E. Varela, MD*
- 11:45 – 12:00 MAGEC: Can We Use Them Safely  
*Muharram Yazici, MD*
- 12:00 – 12:15 Tethering: How Early Can We Go  
*Karen A. Weissmann, MD, PhD*
- 12:15 – 12:30 Growing Rods: Still Number One Choice  
*Andre Luis Fernandes Andujar, MD*
- 12:30 – 12:45 Early Fusion: Better Safe Than Sorry  
*Muharram Yazici, MD*
- 12:45 – 13:15 Discussion  
*Fernando Alvarado Gomez Sr., MD & Karen A. Weissmann, MD, PhD*
- 13:15 – 13:30 2 Cases: Did You Change Your Mind? VOTE  
*Rodrigo E. Varela, MD*

**13:30 – 13:45 Lunch Pickup**

**13:45 – 14:45 Industry Workshops  
Globus Medical**

**14:45 – 16:45 Adolescent Idiopathic Scoliosis**

- 14:45 – 15:00 All About the Brace (Indications, Follow Up and Weaning Off)  
*Andre Luis Fernandes Andujar, MD*
- 15:00 – 15:15 Cross Fire: I Follow Lenke Rules  
*Andre Luis Fernandes Andujar, MD*
- 15:15 – 15:30 Cross Fire: Lenke Rule Breakers  
*Patricio Melero, MD*
- 15:30 – 15:50 Case Discussion Lenke: 1 Case  
*Juan Ignacio Cirillo Toter Jr., MD*
- 15:50 – 16:05 Cross Fire: Tethering Total Future  
*Luis Eduardo Munhoz Da Rocha, MD*
- 16:05 – 16:20 Cross Fire: Tethering: No Way  
*Carlos A. Tello, MD, PhD*
- 16:20 – 16:40 Case Discussion Tethering: 1 Case  
*Patricio Melero, MD*
- 16:40 – 16:45 Questions

**16:45 – 17:15 Exhibit Viewing and Refreshment Break**

**17:15 – 18:45 Neuromuscular Deformity**

- 17:15 – 17:30 Genetics and Syndromes: What Do We Know  
*Karen A. Weissmann, MD, PhD*
- 17:30 – 17:45 Technique of Halo Gravity Traction: Results and Complications  
*Rodrigo E. Varela, MD*
- 17:45 – 18:00 Specific Surgical Techniques for Neuromuscular Cases  
*Mariano A. Noel, MD*
- 18:00 – 18:15 Tethering in NMS  
*Karen A. Weissmann, MD, PhD*
- 18:15 – 18:30 The Older PC Patient  
*Mariano A. Noel, MD*
- 18:30 – 18:45 How to Correct Severe Pelvic Obliquity in Neuromuscular Scoliosis?  
*Luis Eduardo Munhoz Da Rocha, MD*

**19:30 – 21:00 Welcome Reception**

# Current Concepts in Spine Deformity Course Program

Plaza el Bosque Nueva Las Condes | July 28-30, 2022

Friday, July 29, 2022

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**7:00 – 19:00**      **Registration Open**

**8:00 – 17:15**      **Exhibits Open**

**8:30 – 10:30**      **Cervical**

8:30 – 8:45      Cervical Instability in Down Syndrome  
*Andre Luis Fernandes Andujar, MD*

8:45 – 9:00      Case Report: Cervical Deformity  
*Carlos M. Huaiquilaf, MD*

9:00 – 9:15      Cross Fire Cervical Osteotomise: Go Posterior Only  
*Ratko Yurac Sr., MD*

9:15 – 9:30      Cross Fire Cervical Osteotomies: Go Anterior Only  
*Hector Luiz Aparecido Defino, MD*

9:30 – 9:50      Discussion  
*Hector Luiz Aparecido Defino, MD & Mariano A. Noel, MD*

9:50 – 10:05      High Thoracic and cervical PJK Pediatric Population: Approaches  
*Mariano A. Noel, MD*

10:05 – 10:20      High Thoracic and cervical PJK Adult Population: Approaches  
*Abhay Nene, MD*

10:20 – 10:30      Discussion

**10:30 -11:00**      **Exhibit Viewing and Refreshment Break**

**11:00 – 13:30**      **Adult Spinal Deformity**

11:00 – 11:15      The Consequences of Non-treated AIS in Adulthood  
*Andre Luis Fernandes Andujar, MD*

11:15 – 11:30      When Can I Risk a Deformity Surgery, When Go Paliative  
*Ratko Yurac Sr., MD*

11:30 – 11:45      Pre-Operative Planning in ASD: Length of Fusion, Required Correction  
*Fernando Alvarado Gomez Sr., MD*

11:45 – 12:00      HRQoL: How to Implement in Daily Practice  
*Hector Luiz Aparecido Defino, MD*

12:00 – 12:15      Discussion  
*Virginie Lafage, PhD & Luis Eduardo Munhoz Da Rocha, MD*

12:15 – 12:30      Case Report  
*Marcelo Perez, MD*

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- 12:30 – 12:45 Cross Fire: All Posterior Osteotomies  
*Ratko Yurac Sr., MD*
- 12:45 – 13:00 Cross Fire: Anterior Possibilities- XLIF, OLIF, ALIF  
*Fernando Alvarado Gomez Sr., MD*
- 13:00 – 13:30 Discussion

**13:30 – 13:45 Lunch Pickup**

**13:45 – 14:45 Industry Workshop  
Stryker**

**14:45 – 16:45 Complications**

- 14:45 – 15:00 Check Lists for Preventing Complications in Deformity Surgery  
*Carlos A. Tello, MD, PhD*
- 15:00 – 15:15 Cross Fire: Prevention and Management of Postoperative Infections- I Use Topic ATB  
*Patricio Melero, MD*
- 15:15 – 15:30 Cross Fire: Prevention and Management of Postoperative Infections – I Use IV ATB  
*Rodrigo E. Varela, MD*
- 15:30 – 15:45 Discussion  
*Luis Eduardo Munhoz Da Rocha, MD & Carlos A. Tello, MD, PhD*
- 15:45 – 16:00 Weird Complications in NMS: Be Prepared for Everything  
*Mariano A. Noel, MD*
- 16:00 – 16:15 Cross Fire: I Don't Like Staging Surgeries  
*Luis Eduardo Munhoz Da Rocha, MD*
- 16:15 – 16:30 Cross Fire: Staging Surgery – Risk and Benefits  
*Fernando Alvarado Gomez Sr., MD*
- 16:30 – 16:45 Discussion

**16:45 – 17:15 Exhibit Viewing and Refreshment Break**

**17:15 – 18:45 Kyphosis and Spondylolisthesis**

- 17:15 – 17:25 Understanding the Patophysiology of Scheuermann Disease, Does It Change Our Approach?  
*Hector Luiz Aparecido Defino, MD*
- 17:25 – 17:35 Determination of Fusion Levels in Scheuermann's Kyphosis: How to Prevent Junctional Failures?  
*Virginie Lafage, PhD*
- 17:35 – 17:45 Spondylolysis: Management in Athletes  
*Muharram Yazici, MD*
- 17:45 – 18:00 Case Report  
*Ronald Schulz Ibaceta, MD*
- 18:00 – 18:10 Assessment and Surgical Treatment for High Grade Spondylolisthesis: I Go Posterior  
*Ratko Yurac Sr., MD*
- 18:10 – 18:20 MISS Techniques in High Grade Spondylolisthesis: I Go MISS  
*Abhay Nene, MD*
- 18:20 – 18:30 Assessment and Surgical Treatment for High Grade Spondylolisthesis: I Go Anterior  
*Fernando Alvarado Gomez Sr., MD*
- 18:30 – 18:45 Discussion

# Current Concepts in Spine Deformity Course Program

Plaza el Bosque Nueva Las Condes | July 28-30, 2022

Saturday, July 30, 2022

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**8:00 – 12:30**      **Registration Open**

**8:00 – 10:30**      **Acquired Deformity**

8:30 – 8:45      Post Laminectomy and RT in Children: Better to Fuse or Not to Fuse  
*Carlos A. Tello, MD, PhD*

8:45 – 9:00      Post – Discitis Deformity: When to Correct  
*Andre Luis Fernandes Andujar, MD*

9:00 – 9:15      Post Traumatic Kyphosis: Go Anterior and then Posterior  
*Ratko Yurac Sr., MD*

9:15 – 9:30      Post Traumatic Kyphosis: Go Posterior and then Anterior  
*Abhay Nene, MD*

9:30 – 9:45      Discussion  
*Andre Luis Fernandes Andujar, MD*

9:45 – 10:00      Post- Menopause Adding on in Patients Operated for AIS: Solve the Problem Locally  
*Carlos A. Tello, MD, PhD*

10:00 – 10:15      Post- Menopause Adding on in Patients Operated for AIS: Go to the Pelvis  
*Virginie Lafage, PhD*

10:15 – 10:30      Discussion

**10:30 – 11:00**      **Refreshment Break**

**11:00 – 13:00**      **Meet the Experts: Case Discussion Workshop**

11:00 – 13:00      Complications: Check Your Own Vitals First  
*Hector Luiz Aparecido Defino, MD*

11:00 – 13:00      Correction Techniques for NMS  
*Fernando Alvarado Gomez Sr., MD*

11:00 – 13:00      The Complex Mind of the AIS Patient  
*Karen A. Weissmann, MD, PhD*

11:00 – 13:00      The Complex Environment of ADS Patients  
*Virginie Lafage, PhD*

11:00 – 13:00      Multidisciplinary Pre-Op Planning  
*Mariano A. Noel, MD*

# Notes

## Foundation of Knowledge

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

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

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What questions do you still have or wished you asked?

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# Notes

## Early Onset Deformity

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

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

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What questions do you still have or wished you asked?

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# Notes

## Adolescent Idiopathic Scoliosis

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

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

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What questions do you still have or wished you asked?

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# Notes

## Neuromuscular Deformity

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

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

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What questions do you still have or wished you asked?

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# Notes

## Cervical

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

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

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What questions do you still have or wished you asked?

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# Notes

## Adult Spinal Deformity

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

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

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What questions do you still have or wished you asked?

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# Notes

## Complications

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

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

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What questions do you still have or wished you asked?

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# Notes

## Kyphosis and Spondylolisthesis

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

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

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What questions do you still have or wished you asked?

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# Notes

## Acquired Deformity

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

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

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What questions do you still have or wished you asked?

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# Notes

## Meet the Experts: Case Discussion Workshop

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

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

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What questions do you still have or wished you asked?

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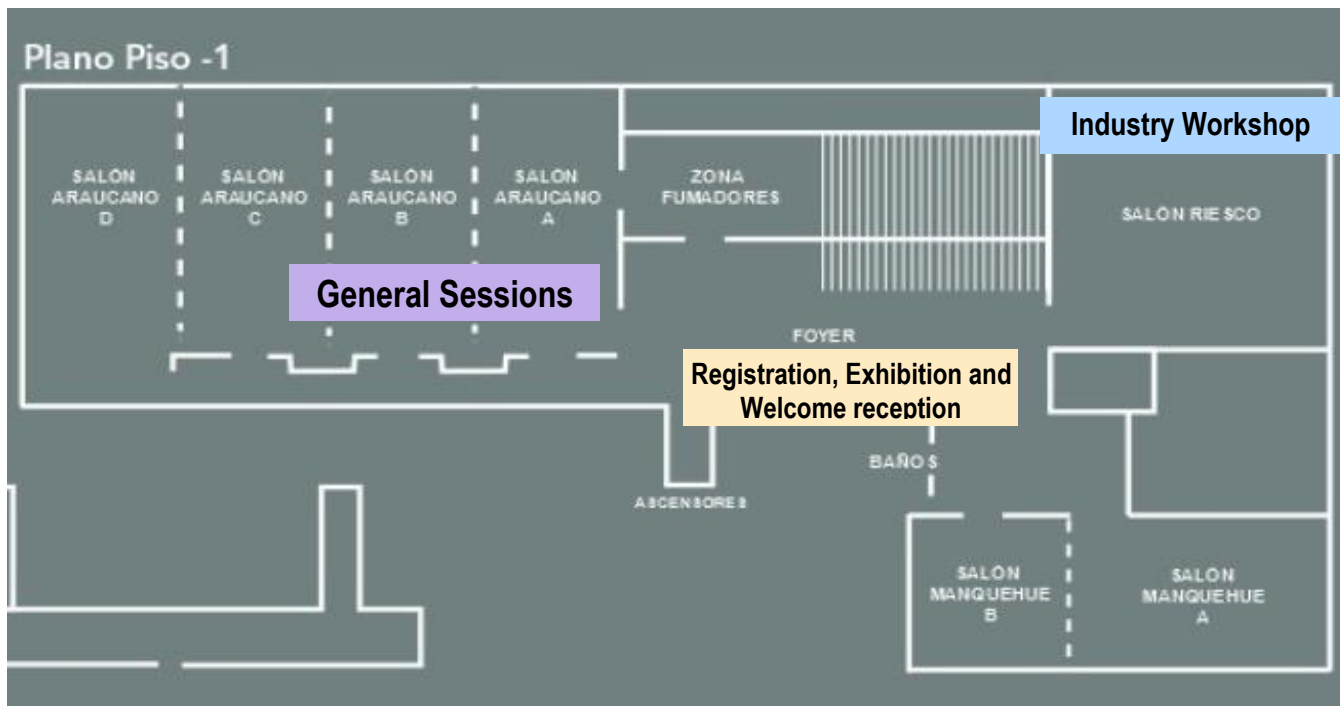
# Exhibits and Industry Workshops

Many new spinal systems and products are on display in the Exhibit Hall. We encourage you to visit the exhibit throughout the meeting to learn more about the technological advances.

## Exhibit Hall Hours

Thursday, July 28 8:00 – 21:00

Friday, July 29 8:00 – 17:15



## Exhibit

### Globus Medical, Inc.

2560 General Armistead Avenue  
Audubon, PA 19403 USA  
[www.globusmedical.com](http://www.globusmedical.com)

Globus Medical is a leading musculoskeletal solutions company **with the goal of improving the quality of life for patients with musculoskeletal disorders. We are inspired by the needs of these patients and by the surgeons and healthcare providers who treat them.**

Globus Medical is driving significant technological advancements across a complete suite of products ranging from spinal, trauma, and joint reconstruction therapies to imaging, navigation, and robotics.

Founded in 2003, Globus' single-minded focus on advancing spine surgery has made it the fastest growing company in the history of orthopedics. Our philosophy is built on three fundamental principles: Providing Exceptional Response, Delivering Innovation, and Advancing Patient Care. Globus is driven to utilize high-level engineering and rapid technology iterations to achieve pain-free, active lives for all patients with musculoskeletal disorders.

At Globus we are in the business of problem solving. Seeing the unmet clinical need and finding a solution that keeps life moving forward. Creating solutions today, that impact patient's quality of life tomorrow. All while providing world class, leading technologies to help their surgeons get there. Life Moves Us and with innovative technology we will continue to move forward together.

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# Exhibits and Industry Workshops

## 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.

### Thursday, July 28 – 13:45 – 14:45

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**Globus Medical, Inc.**

Room: Salon Riesco

Title: Anterior Scoliosis Correction |Tethering: A Non-fusion Procedure

Faculty: *Andrés Chahín, MD*

### Friday, July 29 – 13:45 – 14:45

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**Stryker**

Room: Salon Riesco

Title: Global alignment and surgical treatment: Adolescent to Adult

Faculty: *Virginie Lafage, MD, Rodrigo E. Varela, MD*

# 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.

**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](http://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](http://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](http://www.srs.org).

## Society Office Staff

Ashtin Neuschaefer, CAE - Executive Director  
Sinai Alvarado, MA - Education Manager  
Erica Bowring - Membership and Development Manager  
Grace Donlin - Meetings Manager  
Danielle Gioia, PhD - Senior Education & Instructional Design Manager  
Courtney Kissinger - Senior CME & Education Manager  
Laura Pizur - Program Manager  
Michele Sewart, PMP - Senior Communications Manager  
Leah Skogman, CMP - Senior Meetings Manager  
Shawn Storey - Website and Digital Content Manager

## Scoliosis Research Society

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[www.srs.org](http://www.srs.org)

## 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

<b>Thursday, July 28, 2022</b>		
7:00 – 19:30	Registration Open	Foyer
8:00 – 21:00	Exhibits Open	Foyer
8:00 – 8:10	Course Welcome	Salon Araucano A, B, C
8:10 – 8:30	From Childhood to Old Age: Growth and Changes	Salon Araucano A, B, C
8:30 – 10:30	Foundations of Knowledge	Salon Araucano A, B, C
10:30 – 11:00	Exhibit Viewing and Refreshment Break	Foyer
11:00 – 13:30	Early Onset Deformity	Salon Araucano A, B, C
13:30 – 13:45	Lunch Pickup	Foyer
13:45 – 14:45	Industry Workshop	Salon Riesco
14:45 – 16:45	Adolescent Idiopathic Scoliosis	Salon Araucano A, B, C
16:45 – 17:15	Exhibit Viewing and Refreshment Break	Foyer
17:15 – 18:45	Neuromuscular Deformity	Salon Araucano A, B, C
19:30 – 21:00	Welcome Reception	Foyer
<b>Friday, July 29, 2022</b>		
7:00 – 19:00	Registration Open	Foyer
8:00 – 17:15	Exhibits Open	Foyer
8:30 – 10:30	Cervical	Salon Araucano A, B, C
10:30 – 11:00	Exhibit Viewing and Refreshment Break	Foyer
11:00 – 13:30	Adult Spinal Deformity	Salon Araucano A, B, C
13:30 – 13:45	Lunch Pickup	Exhibit Hall
13:45 – 14:45	Industry Workshops	Salon Riesco
14:45 – 16:45	Complications	Salon Araucano A, B, C
16:45 – 17:15	Exhibit Viewing and Refreshment Break	Foyer
17:15 – 18:45	Kyphosis and Spondylolisthesis	Salon Araucano A, B, C
<b>Saturday, July 30, 2022</b>		
8:00 – 12:30	Registration Open	Foyer
8:30 – 10:30	Acquired Deformity	Salon Araucano A, B, C
10:30 – 11:00	Refreshment Break	Foyer
11:00 – 13:00	Meet the Experts: Case Discussion Workshop	Salon Araucano A, B, C
13:00	Adjourn	