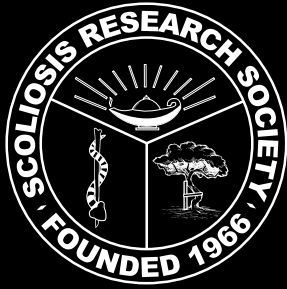


Current Concepts in Spine Deformity

*an SRS Course, in cooperation with the Argentine Society
of Pathology of the Vertebral Column (SAPCV)*



August 30-31, 2018

BUENOS AIRES, ARGENTINA

Final Program



Thank you to our Course Supporters!

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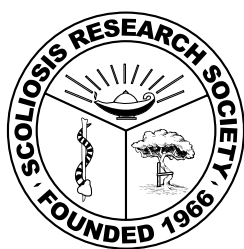
Orlosh

Orthofix

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Scoliosis Research Society

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www.srs.org

Future SRS Meetings

11th Spine Deformity Solutions: A Hands-On Course
September 7-9, 2018 • Hong Kong, People's Republic of China

53rd Annual Meeting & Course
October 10-13, 2018 • Bologna, Italy

26th International Meeting on Advanced Spine Techniques (IMAST)
July 17-20, 2019 • Amsterdam, the Netherlands

Planning Committees

2017-18 SRS President

Todd J. Albert, MD

Course Chair

Ruben A. Maenza, MD

Course Co-Chair:

Luis E. Munhoz Da Rocha, MD

Local Co-Chairs:

Juan Pablo Bernasconi, MD

Gabriel E. Rositto, MD

Faculty

Todd J. Albert, MD

Andre LF Andujar, MD

Ernesto S. Bersusky, MD

Santiago T. Bosio, MD

Luis Carelli Teixeira Da Silva, MD, MSc

Benny T. Dahl, MD, PhD, DMSci

John R. Dimar, II, MD

Marcelo Gruenberg, MD

A. Carlos Legarreta, MD

Luis E. Munhoz Da Rocha, MD

Peter O. Newton, MD

Mariano A. Noel, MD

Ibrahim Obeid, MD

Miguel H. Puigdevall, MD

Rodrigo G. Remondino, MD

Daniel J. Sucato, MD

Carlos A. Tello, MD

Karen A. Weissmann, MD

Case Presenters & Panelists – *If not listed above*

Amilcar L. Beyot, MD

Gabriel De Bonis, MD

Eduardo Galaretto, MD

Germán O. Galaretto, MD

Federico Gelosi, MD

Enrique Gobbi, MD

Felipe Lanari Zubiaur, MD

Daniel Repetto, MD

Juan Martín Reviriego, MD

Tomas Rüdts, MD

Eduardo Segal, MD

Marcelo Valacco, MD

Moderators – *If not listed above*

Juan Pablo Bernasconi, MD

Ruben A. Maenza, MD

Roberto M. Muscia, MD, SAPVC President

Gabriel E. Rositto, MD

General Meeting Information

Venue Information

Sheraton Libertador Hotel
Av. Córdoba 690,
1054 Buenos Aires, Argentina

Admission To Sessions

Official name badges will be required for admission to all sessions. All Current Concepts in Spine Deformity attendees receive a name badge with their registration materials. Name badges should be worn at all times inside the Sheraton Libertador 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 meeting sessions and for all Current Concepts in Spine Deformity 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.

Emergency & First Aid

The Sheraton Libertador hotel is fully prepared to handle emergency requests and first aid. Contact an SRS staff person for support. Remember to note all emergency exits within the venue.

Language

English will be the official language of the Current Concepts in Spine Deformity. Simultaneous translation information.

Lost & Found

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

Registration Desk

Location: Grand Bourg Foyer (first floor)
Thursday, August 30 7:00 – 18:00
Friday, August 31 7:30 – 18:00

Smoking Policy

Smoking is not permitted during any meeting activity or event.

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 recording taken of any of the presentations.

Welcome Reception

Thursday, August 30, 2018
18:00- 18:45

All registered delegates and registered guests are invited to attend the Welcome Reception on Thursday, August 30. The reception will be hosted in the Exhibit Hall at the Sheraton Libertador hotel, 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.

Electricity

Argentina operates on 220 volts, compared to the standard 120 volts in the United States.

Time Zone

Buenos Aires is in ART- Argentina Time Zone, which is three (3) hours behind Greenwich Mean Time.

CME Information

Meeting Description

The Current Concepts in Spine Deformity *an SRS Course, in cooperation with the Argentine Society of Pathology of the Vertebral Column (SAPCV)* is a forum for the realization of the Society's mission and goals, the improvement of patient care for those with spinal deformities. The course will be an intimate setting with a low attendee to faculty ratio. Topics include Foundation Knowledge, Early Onset Deformity, AIS, Neuromuscular Deformity, Adult Deformity, Kyphosis, and Complications

Learning Objectives

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

- Evaluate various treatment strategies for Early Onset Deformity and Congenital Spinal Deformity.
- Analyze indications in patients with neuromuscular scoliosis in order to optimize treatment approaches and minimize potential complications.
- Determine the best surgical approach for Scheuermann's Kyphosis and Spondylolisthesis with regard to their relationship with spinopelvic parameters.
- Identify appropriate imaging options to aid in the correction of Adolescent Idiopathic Scoliosis.
- Explain sagittal parameters for cervicothoracic and thoracolumbar deformities.
- Describe different surgical approaches for "De Novo" adult scoliosis and degenerative cervical conditions with myelopathy.
- Incorporate plans to prevent and manage complications in adult deformity especially PJK and DJK.

Target Audience

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

Accreditation Statement

The Argentine Spine Society (Sociedad Argentina de Patología de la Columna Vertebral –SAPCV-) will be the regional accrediting body for the Current Concepts Course in Spine Deformity in Buenos Aires. The accreditation statement is based on the sponsorship of the Argentine Association of Orthopedics and Traumatology (Asociación Argentina de Ortopedia y Traumatología –AAOT-), which supports the SAPCV as a specialty.

Credit Designation

This live activity is designated for a maximum of 2 points. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Insurance/Liabilities and Disclaimer

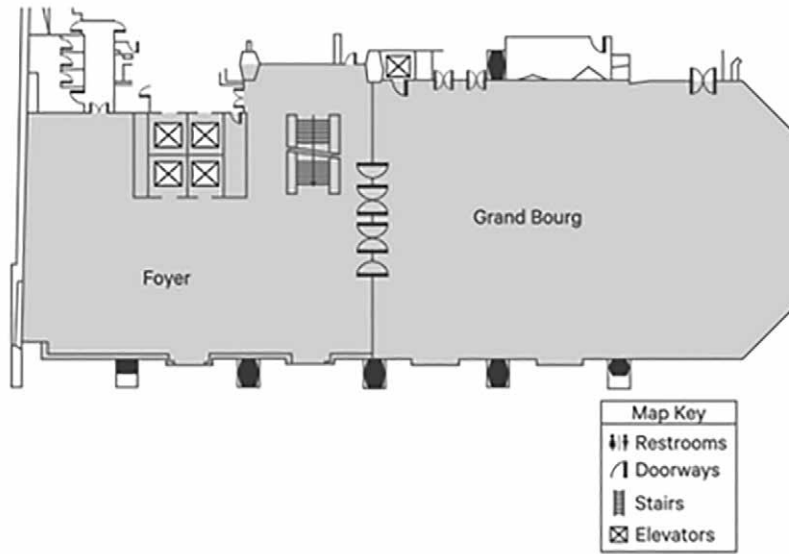
SRS will not be held liable for personal injuries or for loss or damage to property incurred by participants or guests at the Current Concepts in Spine Deformity including those participating in tours and social events. Participants and guests are encouraged to take out insurance to cover loss incurred 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 the Current Concepts in Spine Deformity 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 Continuing Medical Education 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.

Floorplan

1st Floor

Grand Bourg – General Session

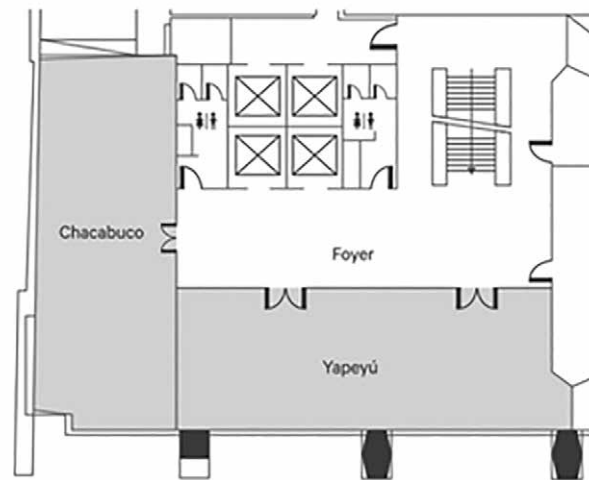
Grand Bourg Foyer – Registration and Exhibit Hall



2nd Floor

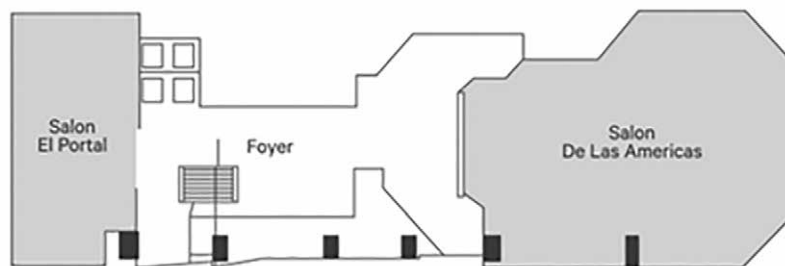
Chacabuco – Workshop

Yapeyú – Workshop



Lower Level

Salon El Portal – Workshop



Program

Current Concepts in Spine Deformity – Buenos Aires, Argentina – Thursday, August 30, 2018

7:00-18:00	Registration Open
7:00-18:45	Exhibit Hall Open
7:55-10:00	Session 1: Foundation Knowledge: Pediatrics Moderators: <i>Roberto M. Muscia, MD and Daniel J. Sucato, MD, MS</i>
7:55-8:00	Opening Ceremonies: Presidential Addresses <i>Todd J. Albert, MD and Roberto M. Muscia, MD</i>
8:00-8:15	Assessment of Maturation <i>Benny T. Dahl, MD, PhD, DMSci</i>
8:15-8:30	Basic Principles of Deformity Correction <i>Daniel J. Sucato, MD, MS</i>
8:30-8:40	MRI Indications: Fundamentals of Spinal Assessment <i>Miguel H. Puigdevall, MD</i>
8:40-8:50	New Trends in Imaging to Evaluate 3D Spinal Deformity <i>Ibrahim Obeid, MD</i>
8:50-9:00	Discussion
9:00-10:00	Case Based Discussion: Advanced Imaging Panel: <i>Benny T. Dahl, MD, PhD, DMSci; Luis E. Munhoz Da Rocha, MD; Daniel J. Sucato, MD, MS; Carlos A. Tello, MD</i>
9:00-9:15	Neurofibromatosis Type I / Intraspinal Abnormalities <i>Santiago T. Bosio, MD</i>
9:15-9:30	Scoliosis with Pre Op Neuroanatomical anomaly (Incidental finding) <i>Rodrigo G. Remondino, MD</i>
9:30-9:45	Scoliosis Associated with Spinal Tumors <i>Eduardo Segal, MD</i>
9:45-10:00	Severe Kyphoscoliosis caused by a Neuroanatomical Anomaly <i>Juan M. Reviriego, MD</i>
10:00-10:30	Break
10:30-12:30	Session 2: Adult Thoracolumbar & Lumbar Deformity Moderators: <i>Todd J. Albert, MD and Gabriel Rositto, MD</i>
10:30-10:45	Practical Usage of Sagittal Parameters for Preoperative Planning <i>Benny T. Dahl, MD, PhD, DMSci</i>
10:45-11:00	Sagittal Inbalance in Adult Deformity: Evaluation & Current Surgical Treatment <i>John R. Dimar, II, MD</i>
11:00-11:15	Osteotomies and their Indications in Adult Deformity <i>Ibrahim Obeid, MD</i>
11:15-11:30	Discussion
11:30-12:30	Case Based Discussion: Adult Scoliosis MIS vs. OS Panel: <i>Benny T. Dahl, MD, PhD, DMSci; John R. Dimar, II, MD; Ibrahim Obeid, MD; Marcelo Valacco, MD</i>
11:30-11:45	L4/L5 Degenerative case (LLIF vs. OLIF vs. ALIF vs. TLIF) <i>Tomas Rüdts, MD</i>
11:45-12:00	Adult De Novo Scoliosis <i>Federico Gelsoni, MD</i>
12:00-12:15	Flat Back <i>Gabriel De Bonis, MD</i>
12:15-12:30	Degenerative Cervical & Lumbar Strategies: Which One First or Both at the Same Time? <i>Germán O. Galaretto, MD</i>

*denotes non-CME sessions

Program

Current Concepts in Spine Deformity – Buenos Aires, Argentina – Thursday, August 30, 2018

- 12:30-13:30 Lunch Break
Workshops
See page 29 for more information
- 13:30-15:40 **Session 3: Early Onset Deformity**
Moderators: *Benny T. Dahl, MD, PhD, DMSci and Ernesto S. Bersusky, MD*
- 13:30-13:45 EOD: Current Classifications Effectiveness
Benny T. Dahl, MD, PhD, DMSci
- 13:45-14:00 Casting: Indications and Technique
Andre LF Andujar, MD
- 14:00-14:15 Traditional Growing Rod: Results and Complications
Carlos A. Tello, MD
- 14:15-14:30 Other “Friendly Spinal Distraction Techniques” (Excluding Traditional GR)
Peter O. Newton, MD
- 14:30-14:40 Discussion
- 14:40-15:40 **Case Based Discussion: Early Onset Deformity**
Panel: *Andre LF Andujar, MD; Benny T. Dahl, MD, PhD, DMSci; Peter O. Newton, MD; Carlos A. Tello, MD*
- 14:40-14:55 EOS Idiopathic
Benny T. Dahl, MD, PhD, DMSci
- 14:55-15:10 EOS Neuromuscular
Carlos A. Tello, MD
- 15:10-15:25 EOS Syndromic
Andre LF Andujar, MD
- 15:25-15:40 EOS Congenital
Peter O. Newton, MD
- 15:40-16:00 Break
- 16:00-18:00 **Session 4: Adult, Cervical, and Cervicothoracic Deformity**
Moderators: *John R. Dimar, II, MD and Ibrahim Obeid, MD*
- 16:00-16:15 Practical Usage of Sagittal Parameters for Preoperative Planning
Ibrahim Obeid, MD
- 16:15-16:30 Cervical Decompression Techniques: Indications and Results
Todd J. Albert, MD
- 16:30-16:45 Occipital & Cervical Instrumentation and Fusion: Indications, Surgical Techniques and Complications
John R. Dimar, II, MD
- 16:45-17:00 Discussion
- 17:00-18:00 **Cervical Kyphosis, Myelopathy, and Cervicothoracic Deformity**
- 17:00-17:15 Cervical Kyphosis and Myelopathy: Anterior Decompression Only – Indications and Results
Marcelo Gruenberg, MD
- 17:15-17:30 Cervical Kyphosis and Myelopathy: Posterior Decompression Only – Indications and Results
Todd J. Albert, MD
- 17:30-17:45 Cervicothoracic Deformity: Treatment for Rigid Cervicothoracic Deformities in Adults – New Trends & Concepts
Ibrahim Obeid, MD
- 17:45-18:00 Discussion
- 18:00-18:45 **Welcome Reception**
Exhibit Hall

Program

Current Concepts in Spine Deformity – Buenos Aires, Argentina – Friday, August 31, 2018

7:00-18:00	Registration Open
7:00-18:00	Exhibit Hall Open
8:00-10:05	Session 5: Neuromuscular, Scheuermann's Kyphosis, Spondylolisthesis. Pediatric and Adult Moderators: <i>Felipe Lanari Zubiaur, MD and Luis E. Munhoz da Rocha</i>
8:00-8:15	Pre-Operative Evaluation in Pediatric and Adult Patients with Neuromuscular Spinal Deformity <i>Andre LF Andujar, MD</i>
8:15-8:30	Iliolumbar Fixation Technique in Pediatric & Adult Neuromuscular Scoliosis <i>A. Carlos Legarreta, MD</i>
8:30-8:40	Discussion
8:40-8:45	Lessons Learned from My Most Challenging Pediatric NM Case: Von Recklinghausen Neurofibromatosis Type I <i>Ernesto S. Bersusky, MD</i>
8:45-8:50	Lessons Learned from My Most Challenging Adult NM Case: Parkinson's Disease <i>Ibrahim Obeid, MD</i>
8:50-9:00	Discussion
9:00-9:10	Surgical Treatment for Scheuermann's Kyphosis: Determining Fusion Levels and Correction Related to Pelvic Parameters. How to Prevent PJK & DJK. <i>Mariano A. Noel, MD</i>
9:10-9:20	Debate: Anterior v. Posterior Treatment in Scheuermann's Kyphosis I Would Do Posterior Only with Osteotomies (PCOs) <i>Santiago T. Bosio, MD</i> I would Do Anterior and Posterior <i>A. Carlos Legarreta, MD</i>
9:20-9:30	Discussion
9:30-9:40	High Grade Spondylolisthesis: Classification and Indications for Surgical Reduction v. Non Reduction <i>Rodrigo G. Remondino, MD</i>
9:40-9:50	Adult Degenerative Spondylolisthesis with Spinal Stenosis: Treatment Options <i>John R. Dimar, II, MD</i>
9:50-9:55	Discussion
9:55-10:05	Case Presentation and Panel Discussion: My Surgical Approach for Severe Dysplastic Spondylolisthesis <i>Case Presenter: Luis Carelli Teixeira Da Silva, MD, MSc</i> <i>Panel: Amilcar L. Beyot, MD; A. Carlos Legarreta, MD; Mariano A. Noel, MD</i>
10:05-10:30	Break
10:30-12:30	Session 6: Congenital Deformities: Pediatric and Adult Moderators: <i>A. Carlos Legarreta, MD and Carlos A. Tello, MD</i>
10:30-10:40	Practical Classifications of Congenital Deformity of the Spine <i>Luis E. Munhoz da Rocha, MD</i>
10:40-10:50	Pre-Operative Evaluation in Children with Spinal Congenital Anomaly <i>Miguel H. Puigdevall, MD</i>
10:50-11:00	Bracing: Is It An Obsolete Option to Treat Compensatory Curves? <i>Carlos A. Tello, MD</i>
11:00-11:10	Discussion

Program

Current Concepts in Spine Deformity – Buenos Aires, Argentina – Friday, August 31, 2018

- 11:10-11:20 When and How to Treat the Congenital Defect and When and How to Treat the Curve?
Daniel J. Sucato, MD
- 11:20-11:30 Treatment of Neglected Congenital Scoliosis in Adults
Luis Carelli Teixeira Da Silva, MD, MSc
- 11:30-11:40 Congenital Kyphosis: Classification and Treatment
Karen A. Weissmann, MD
- 11:40-11:50 Unique Pediatric Cervical Challenges, Clinical Assessment, Congenital Torticollis & Kyphosis
Ernesto Bersusky, MD
- 11:50-12:00 Discussion
- 12:00-12:30 Case Presentation and Panel Discussion: Congenital Deformity
Panel: Benny T. Dahl, MD, PhD, DMSc; Luis Carelli Teixeira Da Silva, MD, MSc; Luis E. Munhoz da Rocha, MD; Daniel J. Sucato, MD, MS

Pediatric Case: Juan Martin Reviriego, MD
Adult Case: Daniel Repetto, MD
- 12:30-13:30 Lunch Break

Workshops
See page 29 for more information.
- 13:30-15:30 **Session 7: Adolescent Idiopathic Scoliosis**
Moderators: *Ruben A. Maenza, MD and Peter O. Newton, MD*
- 13:30-13:40 Lenke Classification: It's Usefulness for Surgical Treatment
Ernesto Bersusky, MD
- 13:40-13:50 Lenke 1A: Are All Curves the Same?
Peter O. Newton, MD
- 13:50-14:00 Debate: All AIS 1C Curves Should be Fused Selectively

Affirmative: *Miguel H. Puigdevall, MD*
Negative: *Andre LF Andujar, MD*
- 14:00-14:10 Debate: Lenke 5 Curve

I Would Do Instrumented ASF
Luis E. Munhoz da Rocha, MD

I Would Do Selective Instrumented PSF
Karen Weissmann, MD
- 14:10-14:25 Discussion
- 14:25-14:40 Video Presentations: How Do I Accomplish AIS Operative Correction in Lenke 1A Curve?
Video 1: *Peter O. Newton, MD*
Video 2: *Daniel J. Sucato, MD*
Video 3: *Luis E. Munhoz da Rocha, MD*
Moderator Remarks: Similarities and Differences: *Carlos A. Tello, MD*
- 14:40-14:45 Tips for Getting Balanced Shoulders in AIS in Lenke type 2 Curve
Luis E. Munhoz da Rocha, MD
- 14:45-14:50 Tips for Getting Sagittal Restoration in AIS Lordotic Cases
Peter O. Newton, MD
- 14:50-14:55 Tips to Decide the Lower Instrumented Vertebrae (LIV) in Lenke 5 Curve
Daniel J. Sucato, MD
- 14:55-15:05 Discussion

Program

Current Concepts in Spine Deformity – Buenos Aires, Argentina – Friday, August 31, 2018

15:05-15:15	Pre-Operative Planning of Neglected (Adult) AIS Cases: Differences from Adolescent <i>Todd J. Albert, MD</i>
15:15-15:25	Modulation in AIS: Tethering – Is It a Good Surgical Option? Technique, Indication, and Complications <i>Peter O. Newton, MD</i>
15:25-15:30	Discussion
15:30-16:00	Break
16:00-17:50	Session 8: Prevention and Complications in Pediatrics and Adult Deformity Moderators: <i>Juan Pablo Bernasconi, MD and Federico Gelosì, MD</i>
16:00-16:15	Check list for Preventing Complications in Deformity Spinal Surgery <i>Todd J. Albert, MD</i>
16:15-16:30	Preventing Intra Op Complications in Adult Deformity Surgery. (Excluding infections) <i>Benny T. Dahl, MD, PhD, DMSci</i>
16:30-16:45	Preventing Intra Op Complications in Pediatric Deformity Surgery. (Excluding infections) <i>Santiago T. Bosio, MD</i>
16:45-17:00	Prevention and Management of Pediatric Postoperative Infections <i>Daniel J. Sucato, MD</i>
17:00-17:10	Discussion
17:10-17:50	Case Presentation Series Panel: <i>Federico Gelosì, MD; Enrique Gobbi, MD; Santiago T. Bosio, MD; Karen Weissmann, MD</i>
17:10	Pediatric AIS Vascular Complications from Pedicle Screw Constructs <i>Eduardo Galaretto, MD</i>
17:20	Adult PJK <i>Felipe Lanari Zubiaur, MD</i>
17:30	Pediatric AIS: Coronal Decompensation <i>Mariano A. Noel, MD</i>
17:40	Adult Vertebroplasty Complication <i>Gabriel De Bonis, MD</i>
17:50-18:00	Final Remarks and Adjourn <i>Todd J. Albert, MD</i>

Notes

Current Concepts in Spine Deformity – Buenos Aires, Argentina – Thursday, August 30, 2018

Session 3: Early Onset Deformity

Moderators: *Benny T. Dahl, MD, PhD, DMSci and Ernesto S. Bersusky, MD*

Presentations:

EOD: Current Classifications Effectiveness - *Benny T. Dahl, MD, PhD, DMSci*

Casting: Indications and Technique - *Andre LF Andujar, MD*

"Friendly Spinal Distraction Techniques" (Excluding Traditional GR) - *Carlos A. Tello, MD*

Other "Friendly Spinal Distraction Techniques" - *Peter O. Newton, MD*

Case Based Discussion: Early Onset Deformity

EOS Idiopathic - *Benny T. Dahl, MD, PhD, DMSci*

EOS Neuromuscular - *Carlos A. Tello, MD*

EOS Syndromic - *Andre LF Andujar, MD*

EOS Congenital - *Peter O. Newton, MD*

Notes:

A PDF file of the PowerPoint presentations can be downloaded online at <https://www.srs.org/live-non-nav-content/ccsd0818-presentations>

Notes

Current Concepts in Spine Deformity – Buenos Aires, Argentina – Friday, August 31, 2018

Session 6: Congenital Deformities: Pediatric and Adult

Moderators: A. Carlos Legarreta, MD and Carlos A. Tello, MD

Presentations

- Practical Classifications of Congenital Deformity of the Spine - *Luis E. Munhoz da Rocha, MD*
- Pre-Operative Evaluation in Children with Spinal Congenital Anomaly - *Miguel H. Puigdevall, MD*
- Bracing: Is It An Obsolete Option to Treat Compensatory Curves? - *Carlos A. Tello, MD*
- When and How to Treat the Congenital Defect and When and How to Treat the Curve? - *Daniel J. Sucato, MD*
- Treatment of Neglected Congenital Scoliosis in Adults - *Luis Carelli Teixeira Da Silva, MD, MSc*
- Congenital Kyphosis: Classification and Treatment - *Karen A. Weissmann, MD*
- Unique Pediatric Cervical Challenges, Clinical Assessment, Congenital Torticollis & Kyphosis - *Ernesto Bersusky, MD*
- Case Presentation and Panel Discussion: Congenital Deformity
 - Pediatric Case: *Juan Martin Reviriego, MD*
 - Adult Case: *Daniel Repetto, MD*

Notes:

A PDF file of the PowerPoint presentations can be downloaded online at <https://www.srs.org/live-non-nav-content/ccsd0818-presentations>

Notes

Current Concepts in Spine Deformity – Buenos Aires, Argentina – Friday, August 31, 2018

Session 7: Adolescent Idiopathic Scoliosis

Moderators: *Ruben A. Maenza, MD* and *Peter O. Newton, MD*

Presentations:

Lenke Classification: It's Usefulness for Surgical Treatment - *Ernesto Bersusky, MD*

Lenke 1A: Are All Curves the Same? - *Peter O. Newton, MD*

Debate: All AIS 1C Curves Should be Fused Selectively

Affirmative: *Miguel H. Puigdevall, MD*

Negative: *Andre LF Andujar, MD*

Debate: Lenke 5 Curve

I Would Do Instrumented ASF - *Luis E. Munhoz da Rocha, MD*

I Would Do Selective Instrumented PSF - *Karen Weissmann, MD*

Video Presentations: How Do I Accomplish AIS Operative Correction in Lenke 1A Curve?

Video 1: *Peter O. Newton, MD*

Video 2: *Daniel J. Sucato, MD*

Video 3: *Luis E. Munhoz da Rocha, MD*

Moderator Remarks: Similarities and Differences: *Carlos A. Tello, MD*

Tips for Getting Balanced Shoulders in AIS in Lenke type 2 Curve - *Luis E. Munhoz da Rocha, MD*

Tips for Getting Sagittal Restoration in AIS Lordotic Cases - *Peter O. Newton, MD*

Tips to Decide the Lower Instrumented Vertebrae (LIV) in Lenke 5 Curve - *Daniel J. Sucato, MD*

Pre-Operative Planning of Neglected (Adult) AIS Cases: Differences from Adolescent - *Todd J. Albert, MD*

Modulation in AIS: Tethering – Is It a Good Surgical Option? Technique, Indication, and Complications - *Peter O. Newton, MD*

Notes:

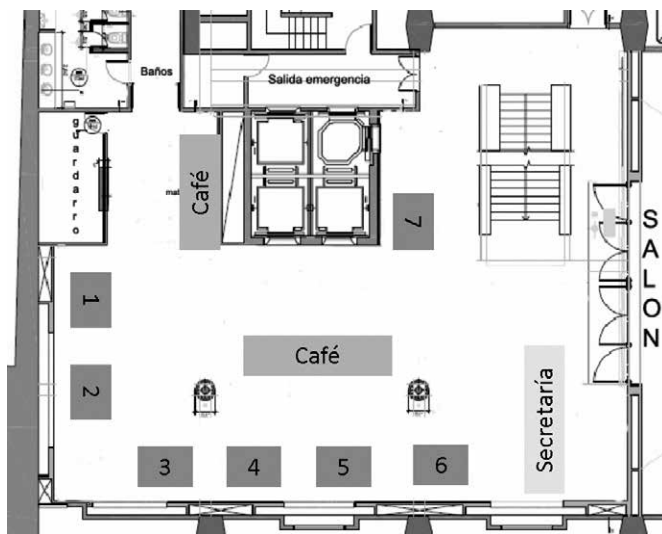
A PDF file of the PowerPoint presentations can be downloaded online at <https://www.srs.org/live-non-nav-content/ccsd0818-presentations>

Exhibits & Workshops

Exhibit Hall Hours*

Thursday, August 30 7:00 – 18:45
 Friday, August 31 7:30 – 18:00

Company	Booth Number
Corpomedica	5
Globus Medical, Inc. & BioLap S.A.	2
IP Magna	1
K2M	3
Medtronic	7
Orlosh	6
Orthofix	4



Corpomedica – Booth #5

Av. Córdoba 1261
 C1055 AAC
 Buenos Aires, Argentina
www.corpomedica.com.ar

We are a leader company with a 30 years career in the local market, dedicated to the importation and commercialization of high complexity medical and surgical devices.

We specialize in the commercialization of medical devices in the areas of neurosurgery, neurology, gastroenterology, traumatology (spine, lower and upper limbs, maxillofacial reconstruction) aesthetics and diagnostic imaging. At the same time, we offer a technical service area to support the repair and maintenance of the equipment purchased by our customers.

Currently, Corpomedica S.A is the official representative of brands like Abbott, Inomed, Pentax Medical, Medartis, Orthofix, In2Bones, SpineArt, Hpbio, Nouvag, Echolight, Echosens, BASDA, US Endoscopy, Taewoong, Omon, Emed, Arion, among others.

Our goal: To continue growing in the market through the search and insertion of exclusive products and adding as a value our dedication in the service in order to benefit and improve the life quality of people.

Our Vision: Successfully marketing devices that improve the welfare and life quality of people, being acknowledged as a leading company in Argentina’s medicine market through our 4 fundamental bases: innovative products, professionalism, customized service and trajectory.

Our Mission: To contribute to the improvement of the life quality of patients by offering the health professionals a wide range of world-class surgical products and techniques throughout the national territory.

Globus Medical, Inc. & BioLap S.A. – Booth #2

Globus Medical, Inc.
 Valley Forge Business Center
 2560 General Armistead Avenue
 Audubon, PA 1940
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 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.

Mission: Our mission is to deliver cutting-edge technology, research, and innovative solutions, to promote healing in patients with musculoskeletal disorders.

BioLap S.A.
 Avenida Córdoba, 1547. Piso 3
 C.A. Buenos Aires, C1055AAF
 Argentina
www.biolapsa.com

We are a company dedicated to the marketing and distribution of surgical medical devices, with 10+ years’ presence in the market. Responsiveness, effectiveness and efficiency, as well as positive outcomes, are among the reasons patients and professionals choose us.

Our Vision: To be recognized in the market of medical devices as the best provider of high-quality, state-of-the-art medical products.

Our Mission: To provide health professionals with top-notch medical solutions and high-quality innovation that help improve the well-being of patients.

Our Purpose: To improve the life quality of patients providing their physicians with prime quality instruments and equipment.

* denotes non-CME sessions

Exhibits & Workshops

IP Magna – Booth #1

Sánchez de Bustamante 485
C1173ABG
CABA, Argentina
www.ipmagna.com

IPMAGNA, a company dedicated to the provision of implants for spine surgery, with 15 years of experience in the Argentine market. We are exclusive distributors of the MEDICREA product line (France). With our FIT3D division, we provide surgeons the necessary tools to plan and execute the best possible solution for each patient. We have Software and Hardware resources applied to the manufacture of anatomical BioModels, and we have additive production agreements too, for the development and production of customized implants for the treatment of complex pathologies of the spine.

K2M – Booth #3

600 Hope Parkway
Leesburg, VA 20175
www.k2m.com

K2M Group Holdings, Inc. is a global leader of complex spine and minimally invasive solutions focused on achieving three-dimensional Total Body Balance™. Since its inception, K2M has designed, developed and commercialized innovative complex spine and minimally invasive spine technologies and techniques used by spine surgeons to treat some of the most complicated spinal pathologies. K2M has leveraged these core competencies into Balance ACS™, a platform of products, services, and research to help surgeons achieve three-dimensional spinal balance across the axial, coronal and sagittal planes, with the goal of supporting the full continuum of care to facilitate quality patient outcomes. The Balance ACS platform, in combination with the Company's technologies, techniques and leadership in the 3D-printing of spinal devices, enable K2M to compete favorably in the global spinal surgery market.

Medtronic – Booth #7

710 Medtronic Parkway
Minneapolis, MN 55432
www.medtronic.com

Medtronic is a global healthcare solutions company committed to improving the lives of people through our medical technologies, services, and solutions.

We're known for our life-changing innovations and breakthrough medical technologies. We offer therapies that treat nearly 70 conditions, including some of the world's most challenging chronic diseases — like diabetes, obesity, cancer, and heart disease. We also provide many essential support products and services that are used across multiple procedures and along the entire continuum of care.

Our legacy of innovation and unique position as the world's largest medical technology company allow us to play a central role in transforming healthcare. We're collaborating with new partners in new ways to create new innovations — ones that add both clinical and economic value. So that tomorrow, even more people can get the affordable care they need.

Our therapies improve the lives of more than 2 people every second.

Orlosh – Booth #6

Av. Pueyrredón 860
C1032ABV
CABA, Argentina
www.orlosh.com.ar

We are a company that operates in the market of medical technology since 1998, specializing in the areas of spine surgery, maxillofacial, neurosurgery, traumatology, otorhinolaryngology and pain management. We are currently representing exclusive manufacturers and worldwide known top brands. Our headquarters is based in the city of Buenos Aires and we also have a subsidiary in USA which allows us to represent products around Latin America.

Orthofix – Booth #4

3451 Plano Parkway
Lewisville, TX 75056
www.orthofix.com

Orthofix is a global medical device company focused on musculoskeletal healing products and value-added services. The Company's mission is to improve patients' lives by providing superior reconstruction and regenerative musculoskeletal solutions to physicians worldwide. Headquartered in Lewisville, Texas, the Company has four strategic business units: BioStim, Extremity Fixation, Spine Fixation, and Biologics. Our Spine Fixation devices provide surgical solutions that focus on minimally invasive approaches for complex surgeries.

Hands-on Workshops*

	Thursday August 30, 2018	Friday August 31, 2018
Lunch	12:30-13:30	12:30-13:30
Yapeyú	K2M	Corpomedica
Chacabuco	Medtronic	Medtronic
Salon El Portal	Orthofix	

Thursday, August 30 – 12:30-13:30

Yapeyú – K2M

Traditional and New Approaches to Pelvic Fixation

Faculty: Mariano A. Noel, MD

Chacabuco – Medtronic

Pediatric Deformity and Strategies to Prevent/Correct PJK

Faculty: A. Carlos Legarreta, MD

Salon El Portal – Orthofix

Estabilización de fracturas de columna con Sistema Percutáneo.

Faculty: Jorge Salas Braconi, MD

Friday, August 31 – 12:30-13:30

Yapeyú – Corpomedica

Tips & Tricks in Deformities: Level Selection, Osteotomies, and Reduction Techniques

Faculty: Ibrahim Obeid, MD

Chacabuco – Medtronic

Adult Deformity Corrections and Lateral Access Techniques (OLIF/LLIF)

Faculty: Gabriel Rositto, MD

* denotes non-CME sessions

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 five-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 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 five 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/professionals/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.

Social Media

Follow SRS online.

Facebook: [@ScoliosisResearchSociety](https://www.facebook.com/ScoliosisResearchSociety)

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

LinkedIn: [/company/SRS_org](https://www.linkedin.com/company/SRS_org)

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

Scoliosis Research Society

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www.srs.org

Complete Your Evaluations!

We value your opinions and comments. Please submit your course evaluations directly following the meeting.

Evaluations online at www.srs.org/ccsd0818

Questions?
Email meetings@srs.org