

# Friday, April 20

## Session 6. SOSORT Award Papers I

**8:00-9:12** Moderators: *Lori Dolan, James Wynne, Jean Claude de Mauroy*

### 8:00-8:02 Introductions

8:02-8:10 Paper #33. TRACE (Trunk Aesthetic Clinical Evaluation), the objective clinical tool to check aesthetics: Rasch analysis validation.

*Stefano Negrini, Antonio Caronni, Francesca Di Felice, Sabrina Donzelli, Fabio Zaina*

8:10-8:18 Paper #34. Spanish validation of Italian Spine Youth Quality Of Life (ISYQOL) Questionnaire: ISYQOL.es

*Elisabetta D'Agata, Judith Sanchez Raya, Joan Bago, Manuel Rigo, Sabrina Donzelli, Antonio Caronni*

8:18-8:26 Paper #35. Internal Consistency of the English translation of the Italian Spine Youth Quality-of-Life Scale (ISYQOL) compared to other Self-Image Questionnaires in Adolescents with Idiopathic Scoliosis.

*Eric Parent, Andrea Lin, Kathleen Shearer, Sarah Southon, Sabrina Donzelli, Stefano Negrini*

### 8:26-8:32 Discussion

8:32-8:40 Paper #36. Sport activity reduces the risk of progression and bracing: an observational study of 511 JIS and AIS Risser 0-2 adolescents.

*Alessandra Negrini, Sabrina Donzelli, Massimiliano Vanossi, Martina Poggio, Fabio Zaina, Michele Romano, Stefano Negrini*

8:40-8:48 Paper #37. Failure in scoliosis bracing.

*Andreas Wuerschling, Sunčica Bulat Wuerschling*

8:48-8:56 Paper #38. Parental role in scoliosis treatment.

*Sunčica Bulat Wuerschling, Andreas Wuerschling, Tomislav Đapić, Gordana Buljan Flander*

8:56-9:04 Paper #39. How much change in the Cobb angle is needed for the patients to observe positive change in their backs following a Schroth intervention?

*Sanja Schreiber, Eric Parent, Doug Hill, Douglas Hedden, Marc Moreau, Sarah Southon*

### 9:04-9:12 Discussion

**9:12-9:42 Invited Lecture: "Scoliosis as a Disease of Mankind"**

*René Castelein*

### 9:42-10:15 Break and Posters

## Session 7. SOSORT Award Papers II

**10:15-10:45** Moderators: *Lori Dolan, Tomasz Kotwicki*

10:15-10:23 Paper #40. The prevalence and risk factors of back pain in patients with adolescent idiopathic scoliosis: a large-scale cross-sectional study.  
*Arnold Wong, Dino Samartzis, Prudence Cheung, Jason Cheung*

10:23-10:31 Paper #41. Does postural stability differ between adolescents with Idiopathic scoliosis and typical developed? - a systematic literature review and meta-analysis.  
*Marlene Dufvenberg, Birgitta Öberg, Allan Abbott*

10:31-10:39 Paper #42. Factors Influencing Surgery vs. Non-surgery Decision for Adult Idiopathic Scoliosis Patients with Borderline (40-55°) Main Thoracic Curves.  
*Ahmet Alanay, Caglar Yilgor, Kadir Abul, Suna Lahut, Yasemin Yavuz, Ferran Pellise, Francisco Perez-Grueso, Emre Acaroglu, Ibrahim Obeid, Frank Kleinstuck, European Spine Study Group*

10:39-10:45 Discussion

## Session 8. Adolescent Idiopathic Scoliosis - Screening and Natural History

**10:45-11:09** Moderators: *Fabio Zaina, Sabrina Donzelli*

10:45-10:51 Paper #43. Prevalence of adolescent idiopathic scoliosis in Turkish schoolchildren: An Epidemiological Study.  
*Hurriyet Yılmaz, Çoşkun Zateri, Aslihan Kusvuran Özkan, Gülseren Kayalar, Haluk Berk*

10:51-10:57 Paper #44. Prevalence, risk of progression and quality of life in adolescents undergoing school screening for AIS in the metropolitan region of Chile.  
*Marcela Cárcamo, Pamela Espinoza, Óscar Urrejola, Theodoros Grivas, Josette Bettany-Saltikov*

10:57-11:03 Paper #45. Use of the RisserPlus System to Predict Natural History of Adolescent Idiopathic Scoliosis at Skeletal Maturity.  
*Lori Dolan, Stuart Weinstein, and the BrAIST Study Group*

11:03-11:09 Discussion

**11:09-11:39** **Invited Lecture: “The Scoliosis Research Society’s Efforts in Conservative Care and Education”**  
*Paul Sponseller, Vice President, Scoliosis Research Society*

**11:39-1:05** **Lunch and Posters**

**Friday, April 20**

**Session 9. Screening Tools and Back Pain in Spinal Deformity**

**1:05-1:45** Moderators: *Michele Romano, Nikos Karavidas*

1:05-1:11 Paper #46. Comparison between the Hump-meter, Scoliometer and the curves in idiopathic scoliosis.  
*Angelo Gabriele Aulisa, Marco Galli, Marco Giordano, Francesco Falciglia, Renato Toniolo*

1:11-1:17 Paper #47. A novel screening tool for Adolescent Idiopathic Scoliosis – a pilot study.  
*Benjamin Brown, Jeb McAviney, Roger Engel*

1:17-1:21 Discussion

1:21-1:27 Paper #48. Outcomes following intensive, resistance-based physical rehabilitation in an outpatient community clinic.  
*Jennifer Padwal, Kamshad Raiszadeh, David Berry, Jonathan Wu, Jonathan Tapicer, Samuel Ward, Bahar Shahidi*

1:27-1:33 Paper #49. Back pain in adolescents with spinal deformities.  
*Sabrina Donzelli, Fabio Zaina, Francesca Di Felice, Stefano Negrini*

1:33-1:39 Paper #50. Association of disc degeneration on magnetic resonance imaging with back pain among adolescent idiopathic scoliosis patients.  
*Matija Zutelija Fattorini, Tomislav Dapic, Alenka Gagro, Ana Tripalo Batos*

1:39-1:45 Discussion

**1:45-2:10 SOSORT Presidential Address: “I Have a Dream”**  
*Michele Romano*

**2:10-2:40 Break and Posters**

**Session 10. Health-Related Quality of Life**

**2:40-2:56** Moderators: *Josette Bettany-Saltikov, Judith Sanchez Raya*

2:40-2:46 Paper #51. Comparison of the Test-Retest Reliability of the English Translation of the ISYQOL Scale (Italian Spine Youth Quality-of-Life) to other Self-Image Questionnaires in Adolescents with Idiopathic Scoliosis.  
*Eric Parent, Andrea Lin, Kathleen Shearer, Sarah Southon, Sabrina Donzelli, Stefano Negrini*

2:46-2:52 Paper #52. Convergent validity of the English translation of the ISYQOL scale (Italian Spine Youth Quality-of-Life) in relation to other Self-Image Questionnaires for Adolescents with Idiopathic Scoliosis.  
*Eric Parent, Andrea Lin, Kathleen Shearer, Sarah Southon, Sabrina Donzelli, Stefano Negrini*

2:52-2:56 Discussion

**2:56-3:26 SOSORT Consensus Session: Brace Classification**

**3:26 Adjournment**

**3:30-4:30 SOSORT Business Meeting**

**5:30 Gala Dinner**  
Departure from outside the hotel at 5:30pm