



Texas Scottish Rite Hospital for Children at Scoliosis Research Society 44th Annual Meeting & Course

Texas Scottish Rite Hospital for Children (TSRHC) was notably present at this year's Scoliosis Research Society Annual Meeting and Course on September 23 - 26, 2009, in San Antonio, Texas. Congratulations to TSRHC's Dr. Hong "Johnny" Zhang and Dr. B. Stephens Richards. Dr. Zhang won the John H. Moe Award for Best Basic Science Poster for "Quantitative Histology of the Neureocentral Synchronosis in an Experimental Scoliosis Model." Dr. Richards became Vice President of the Scoliosis Research Society in the Annual Meeting and Course. Founded in 1966, the Scoliosis Research Society is a professional organization, made up of physicians and allied health personnel whose primary focus is on providing continuing medical education for health care professionals and on funding/supporting research in spinal deformities.

Presentations at the Scoliosis Research Society Annual Meeting and Course were given by leading experts in the field and have value for healthcare professionals who treat spinal deformities at all levels and in all ages. More than 100 papers were presented on an array of topics, including presentations by Dr. Daniel Sucato, director of the Sarah M. and Charles E. Seay/Martha and Pat Beard Center for Excellence in Spine Research at TSRHC; Dr. B. Stephens Richards assistant chief of staff at TSRHC, and Dr. Charles E. Johnston, assistant chief of staff at TSRHC.

TSRHC Papers:

- "Surgical Planning for Infantile and Juvenile Scoliosis (medical/pulmonary evaluation?)" - Charles Johnston, M.D.
- "Management of Very Large Curves (includes scoliosis, but also kyphosis)"- Daniel Sucato, M.D.
- "Prospective Radiographic and Clinical Outcomes and Complications of 756 Consecutive Operative Adolescent Idiopathic Scoliosis Patients" - Lawrence G. Lenke; Keith H. Bridwell; Mark A. Erickson; Daniel J. Sucato; B. Stephens Richards; Andrew G. King; Charles E. Johnston; Timothy S. Oswald; Timothy R. Kuklo; Brenda Sides; Spinal Deformity Study Group

- “Pedicule Screw Constructs Provide Superior Thoracic Rib Hump and Lumbar Prominence Correction Following Adolescent Idiopathic Scoliosis Surgery” - Lawrence G. Lenke; Timothy R. Kuklo; Daniel J. Sucato; Mark A. Erickson; John B. Emans; B. Stephens Richards; Mohammad Diab; Keith Bridwell; Brenda Sides; Spinal Deformity Study Group
- “Postoperative Shoulder Height Assessment in AIS by Parents and Patients: Does Their Perspective Correlate to Radiographic and Clinical Measurements” - Daniel J. Sucato; B. Stephens Richards; Charles E. Johnston; Lawrence G. Lenke; Timothy R. Kuklo; James O. Sanders; Spinal Deformity Study Group
- “Right Thoracic Curves in AIS - Which Clinical and Radiographic Findings Correlate with A Preoperative Abnormal MRI?” - B. Stephens Richards; Daniel J. Sucato; Charles E. Johnston; Mohammad Diab; John Sarwark; Timothy R. Kuklo; Lawrence G. Lenke; Stefan Parent; Spinal Deformity Study Group
- “Bracing Before Posterior Spinal Fusion with Instrumentation (PSFI) for Adolescent Idiopathic Scoliosis (AIS) is Associated With Reduced Satisfaction; Lower Activity Levels and More Pain at 2 Years After Operation” - Melinda S. Sharkey; Daniel J. Sucato; John Emans; Timothy S. Oswald; Lawrence G. Lenke; Steven Takemoto; Mohammad Diab
- “Lengthening of Dual Growing Rods: Is There a Law of Diminishing Returns?” - Wudbhav N. Sankar; David L. Skaggs; Muharrem Yazici; Charles E. Johnston; Pooya Javidan; Rishi V. Kadakia; Thomas F. Day; Behrooz A. Akbarnia; Growing Spine Study Group
- "The Minimum Clinically Important Difference in SRS-22 Appearance; Activity and Pain Domains After Surgical Correction of Adolescent Idiopathic Scoliosis" - Leah Y. Carreon; James O. Sanders; Mohammad Diab; Peter F. Sturm; Steven D. Glassman; Daniel J. Sucato; Spinal Deformity Study Group
- "Can We Predict Postoperative SRS Outcomes Scores in Adolescent Idiopathic Scoliosis?" - James O. Sanders; Leah Y. Carreon; Dan J. Sucato; Peter Sturm; Mohammad Diab
- “Correlation of Preop Curve Severity with Pulmonary Function Tests (PFTs) in AIS” - Charles E. Johnston; B. Stephens Richards; Daniel J. Sucato; Keith H. Bridwell; Lawrence G. Lenke; Mark A. Erickson; Spinal Deformity Study Group

TSRHC Posters:

- “Morphometric Analysis of Vertebral Growth in Skeletally Immature Spine”
– Hong "Johnny" Zhang; Daniel J. Sucato; Pam Nurenberg; Anna McClung
- “Quantitative Histology of the Neureocentral Synchronosis in an Experimental Scoliosis Model” – Hong "Johnny" Zhang, Daniel J. Sucato