

SRS 43rd Annual Meeting
 *PRELIMINARY
 SCIENTIFIC PROGRAM
 September 11-13, 2008



Paper #	Day	Time	Podium#	Title	Presenter
1	Thursday, September 11, 2008	8:00-8:04	1	Risk Factors for Distal Adding-on Identified: What to Watch Out For	John Schlechter
2	Thursday, September 11, 2008	8:04-8:08	2	Accelerated disc degeneration below posterior spinal fusion for idiopathic scoliosis: a long-term MRI and clinical follow-up.	Daniel W. Green
3	Thursday, September 11, 2008	8:08-8:12	1	Subjacent Disc Wedging After Anterior Spinal Fusion for Adolescent Idiopathic Scoliosis: The Fate of the "Jacked" Lumbar Disc	Jennifer Flynn
4	Thursday, September 11, 2008	8:22-8:26	2	Genetic Profile Predicts Curve Progression in Adolescent Idiopathic Scoliosis	Kenneth Ward
5	Thursday, September 11, 2008	8:26-8:30	1	Genetic Association study of Collagen Ia2 Gene In Adolescent Idiopathic Scoliosis - A study of 520-cases	Jack Chun Yiu Cheng
6	Thursday, September 11, 2008	8:30-8:34	2	Predicting Brace-Resistant Adolescent Idiopathic Scoliosis	James Ogilvie
7	Thursday, September 11, 2008	8:44-8:48	1	Revision Surgery After 1057 Primary Spine Fusions For Idiopathic Scoliosis over 19 Years: Identification of Causative Factors	Scott Luhmann
8	Thursday, September 11, 2008	8:48-8:52	2	Multiple Level Simultaneous Front and Back Osteotomies of the Fusion Mass for Correction of Rigid Idiopathic Scoliosis with Failed Instrumentation	Yasser ElMiligui
9	Thursday, September 11, 2008	8:52-8:56	1	Posterior Vertebral Column Resection (VCR) for Severe Pediatric Deformity: Minimum 2-year Follow-up on 29 Consecutive Patients	Lawrence Lenke
10	Thursday, September 11, 2008	9:06-9:10	2	Increase Patient Satisfaction after Fusion for Adolescent Idiopathic Scoliosis by Minimizing the Deformity-Flexibility Quotient	Vidyadhar Upasani
11	Thursday, September 11, 2008	9:10-9:14	1	SELECTIVE THORACIC FUSION IN ADOLESCENT IDIOPATHIC SCOLIOSIS WITH LENKE TYPE 1C, 3C OR KING TYPE 2 LUMBAR CURVES OF MORE THAN 50 DEGREES IN MAGNITUDE	Cagatay Ozturk

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12	Thursday, September 11, 2008	9:14-9:18	2	5-year Clinical and Radiographic Results of Selective Thoracic Fusion with Lumbar Curve >40 degrees.	Paul Sponseller
13	Thursday, September 11, 2008	9:18-9:22	1	Backfilling of iliac crest defects with hydroxyapatite-calcium triphosphate biphasic compound: A prospective, randomized, single-blind CT and patient-based analysis	Douglas Burton
14	Thursday, September 11, 2008	9:35-9:39	2	Complications in 910 Growing Rod Surgeries: Use of Dual Rods and Submuscular Placement of Rods Decreases Complications	Shay Bess
15	Thursday, September 11, 2008	9:39-9:43	1	Neurologic Risk in Growing Rod Surgery in Children: Is Neuromonitoring Necessary in All Cases?	David Skaggs
16	Thursday, September 11, 2008	9:50-9:54	2	Is definitive spinal fusion, or VEPTR removal, needed after VEPTR expansions are over? An analysis of the 39 VEPTR Graduates;	Jack Flynn
17	Thursday, September 11, 2008	9:54-9:58	1	Vertebral Body Stapling: A Treatment Option for the Growing Child with Scoliosis	Randal Betz
18	Thursday, September 11, 2008	9:58-10:02	2	Clinical significance of a corrective cast/brace in the era of non-fusion surgery (Treatment for early onset scoliosis with a corrective cast)	Tsuji Taichi
19	Thursday, September 11, 2008	10:32-10:36	1	Revision Rates Following Primary Adult Spinal Deformity Surgery: 667 Consecutive Patients Followed up to 21 Years Postoperatively.	Mark Pichelmann
20	Thursday, September 11, 2008	10:36-10:40	2	Survivorship of Primary Fusion for Adult Spinal Deformity: Rate, Reason, and Time of Reoperation	James Mok
21	Thursday, September 11, 2008	10:40-10:44	1	Selection of proximal fusion level for degenerative lumbar scoliosis	Kyu-Jung Cho
22	Thursday, September 11, 2008	10:54-10:58	2	Comparative analysis of two hybrid instrumentation techniques for adult lumbar scoliosis from the thoracolumbar spine to L5 or S1	Oheneba Boachie-Adjei
23	Thursday, September 11, 2008	10:58-11:02	1	Etiology and Revision Surgical Strategies in Failed Lumbosacral Fixation of Adult Spinal Deformity Constructs	Katsumi Harimaya
24	Thursday, September 11, 2008	11:02-11:06	2	Distal Anchor Selection for Adult Spinal Deformity (S1 vs S2/Ileum): the Effect on Sagittal Alignment and Outcomes.	Charles Edwards
25	Thursday, September 11, 2008	11:16-11:20	1	Extension of fusion to sacrum in patients who had previous thoracolumbar fusions to L5: Is it simple or complex surgery?	Murat Pekmezci
26	Thursday, September 11, 2008	11:20-11:24	2	A Matched Cohort Study of Long Adult Spinal Deformity Surgery to the Sacrum/Ilium Using rhBMP-2 versus Autogenous Iliac Crest Bone Graft	Jacob Buchowski

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27	Thursday, September 11, 2008	11:31-11:35	1	Operative versus Non-Operative Treatment of Leg Pain in Adults with Scoliosis: A Retrospective Review of a Prospective Multicenter Database with Two-Year Follow-Up	Justin Smith
28	Thursday, September 11, 2008	11:35-11:39	2	Surgical Outcomes of Decompression, Decompression with Limited Fusion and Decompression with Full Curve Fusion for Degenerative Scoliosis with Radiculopathy	Raymond Topp
29	Friday, September 12, 2008	8:00-8:04	1	Effects of Early Correction in High-Grade Developmental Spondylolisthesis L5/S1 on Sagittal Profile and Clinical Outcome	Michael Ruf
30	Friday, September 12, 2008	8:04-8:08	2	Sagittal Spino-Pelvic Alignment in Developmental Spondylolisthesis and Its Potential Relevance for Reduction	Jean-Marc Mac Thiong
31	Friday, September 12, 2008	8:08-8:12	2	Radiological Assessment of L4-L5 Segment and Sacral Position after Surgical Reduction of L5-S1 Severe Spondylolisthesis and Spondyloptosis Throughout a Single Posterior Approach.	Ignasi Sampera
32	Friday, September 12, 2008	8:12-8:16	1	The relationship between pelvic balance and a dome-shaped sacrum in L5-S1 developmental spondylolisthesis	Hubert Labelle
33	Friday, September 12, 2008	8:29-8:33	1	Stand-alone Anterior Reconstruction in Cervical Kyphosis: A Prospective analysis	Umish Metkar
34	Friday, September 12, 2008	8:33-8:37	2	Circumferential Correction of Cervical Kyphosis Results in Improved Outcomes	Praveen Mummaneni
35	Friday, September 12, 2008	8:44-8:48	1	Involvement of the Spine in Patients with Multiple Hereditary Exostosis (MHE)	James Roach
36	Friday, September 12, 2008	8:48-8:52	2	Posterior stabilization following oncologic resection of the cervicothoracic junction : a review of 90 consecutive cases	Peter Rose
37	Friday, September 12, 2008	8:52-8:56	1	Long term clinical outcomes following attempted en bloc resections for malignant primary sacral tumors	Patrick Hsieh
38	Friday, September 12, 2008	8:56-9:00	2	Risk factors for vertebral fracture following single fraction intensity modulated radiation therapy for spinal metastases	Peter Rose
39	Friday, September 12, 2008	9:13-9:17	1	5-year Radiographic Results of Long Scoliosis Fusion in Juvenile Spinal Muscular Atrophy Patients: Crankshaft and Ultimate Correction	Lukas Zebala
40	Friday, September 12, 2008	9:17-9:21	2	Spinal Fusion for Spastic Neuromuscular Scoliosis (NMS): Is Anterior Releasing Necessary When Intraoperative Halo-Femoral Traction is Used	Scott Luhmann
41	Friday, September 12, 2008	9:21-9:25	1	30 Years of Experience with Infections in Pediatric Neuromuscular Spinal Deformity Surgery	Patrick Cahill

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42	Friday, September 12, 2008	9:35-9:39	2	PROGRESSION OF SCOLIOSIS IN NON-AMBULATORY DUCHENNE MUSCULAR DYSTROPHY PATIENTS	Frederic Shapiro
43	Friday, September 12, 2008	9:39-9:43	1	SPINAL DEFORMITY CORRECTION IN DUCHENNE MUSCULAR DYSTROPHY: SUBLAMINAR WIRING FIXATION VERSUS PEDICLE SCREW INSTRUMENTATION	Ujjwal Debnath
44	Friday, September 12, 2008	9:50-9:54	2	Spondylolysis repair with rigid fixation: a prospective clinical and radiographic outcome study	Matthew Hepler
45	Friday, September 12, 2008	9:54-9:58	1	Dynamic stabilization and laminectomy in degenerative lumbar scoliosis of elderly patients	Mario Di Silvestre
46	Friday, September 12, 2008	9:58-10:02	2	TLIF vs ALIF as an adjunct to posterior instrumented correction of degenerative lumbar scoliosis: 3 year clinical and radiographic outcomes	Dennis Crandall
47	Friday, September 12, 2008	10:31-10:35	1	Use of Vertebroplasty to Prevent Proximal Junctional Kyphosis in Adult Spinal Deformity Surgery: A biomechanical cadaveric study.	Ivan LaMotta
48	Friday, September 12, 2008	10:32-10:36	2	Preoperative Inferior Vena Cava Filters for Major Spinal Reconstruction in Adults	Timothy Kuklo
49	Friday, September 12, 2008	10:40-10:44	1	CT and Biomechanical Evaluation of Screw Fixation Options at the Cervicothoracic Junction: Intralaminar vs. Intrapedicuar Techniques	Mario Cardoso
50	Friday, September 12, 2008	10:44-10:48	2	Shilla Growth Enhancing System for the Treatment of Scoliosis in Children: Greater than two year follow up	Richard McCarthy
51	Friday, September 12, 2008	11:01-11:06	1	Treatment of Spinal Deformities in Patients with Diastrophic Dysplasia (DD) - A long-Term, Retrospective, Nationwide Study	Ilkka Helenius
52	Friday, September 12, 2008	11:06-11:10	2	Scoliosis And The Effects Of Growth Hormone Treatment In Children With Prader-Willi Syndrome	Roderick de Lind van Wijngaarden
53	Friday, September 12, 2008	11:10-11:14	1	Lumbar Plexus Nerve Root Position Within the Psoas Muscle: An Anatomic Study	Jeffrey Spivak
54	Friday, September 12, 2008	11:24-11:28	2	Does Treatment (Nonoperative and Operative) Help Patients With Adult Symptomatic Lumbar Scoliosis: A Prospective Multicenter Evidence-Based Medicine Study	Keith Bridwell
55	Friday, September 12, 2008	11:28-11:32	1	Complications and Functional Outcome Following Primary Spinal Surgery for Scoliosis in Adults Age 40 Years and Older: A Prospective Study with a Minimum 2-Year Follow-Up	Khaled Kebaish
56	Friday, September 12, 2008	11:32-11:36	2	Pedicle Subtraction versus Smith-Petersen Osteotomies for Correction of Fixed Sagittal Plane Deformities: Clinical and Radiographic Outcomes in 151 Patients	Brian Hsu

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57	Friday, September 12, 2008	1:20-1:24	1	Early Complications of Methylprednisolone Sodium Succinate (MPSS) in the Treatment of Acute Cervical Spinal Cord Injury	Yasuo Ito
58	Friday, September 12, 2008	1:24-1:28	2	Inflammatory Cytokine Expression and the Development of Injury-Severity Biomarkers After Human Spinal Cord Injury	Brian Kwon
59	Friday, September 12, 2008	1:28-1:32	1	Magnesium in a polyethylene glycol formulation provides neuroprotection after acute spinal cord injury	Josee Roy
60	Friday, September 12, 2008	1:42-1:46	2	Increasing Lumbar Lordosis of Adult Spinal Deformity Patients via Intraoperative Prone Positioning	Takuya Mishiro
61	Friday, September 12, 2008	1:46-1:50	1	A new way of assessing sagittal balance: A radiologic study of 232 asymptomatic individuals	Sebastien Charosky
62	Friday, September 12, 2008	1:50-1:54	2	Long term clinico-radiological outcomes after surgical treatment of Scheurmann's Kyphosis (SK): A UK experience of 35 cases with an average follow-up of 9 years	Nanjundappa Harshavardhana
63	Friday, September 12, 2008	2:04-2:08	1	Increasing Pain and Disability, Rather Than Deformity, Determine Treatment Modality for Older Patients with Adult Scoliosis	Shay Bess
64	Friday, September 12, 2008	2:08-2:12	2	Clinical instinct versus standardized questionnaire: The Spinal Surgeons ability to detect psychological distress.	Michael Daubs
65	Friday, September 12, 2008	2:19-2:23	1	RT-PCR and Microarray Experimental study for The Impact of Methylprednisolone and Sodium Channel Blocker on Axonal Growth after Acute Spinal Cord Injury in Rats	Jun-Young Yang
66	Friday, September 12, 2008	2:23-2:27	2	Transplantation of human marrow stromal cells and mono-nuclear bone marrow cells into the injured spinal cord: A comparative study	Amer Samdani
67	Friday, September 12, 2008	2:34-2:38	1	VEPTR Improves Pulmonary Hypoplasia in a Postnatal Rabbit Model of Thoracic Insufficiency Syndrome	Hemal Mehta
68	Friday, September 12, 2008	2:38-2:42	2	Transient short term local bone remodeling effects of high-doses of rhBMP-2 in a novel preclinical interbody spine fusion model	Hyun Bae
69	Friday, September 12, 2008	2:42-2:46	1	Porcine scoliosis model based on animal growth created with minimal invasive off-set tethering	Thierry Odent
70	Friday, September 12, 2008	2:56-3:00	2	The Effect of Calmodulin Antagonists on The Incidence and Magnitude of Scoliosis in Pinealectomized Chicken and Bipedal C57BL/6 Mice	Emre Acaroglu
71	Friday, September 12, 2008	3:00-3:04	1	Effect of Teriparatide [rhPTH(1,34)] and Calcitonin on Intertransverse Process Fusion in a Rabbit Model	Ronald Lehman

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72	Friday, September 12, 2008	3:04-3:08	2	Sacral-pelvic fixation: A biomechanical comparison between constructs ending with S2 bicortical bitriangulated (BCBT) screws and iliac screws	JinHwan Kim
73	Friday, September 12, 2008	3:38-3:42	1	Thoracic pedicle screw instrumentation: The learning curve in adolescent idiopathic scoliosis	Baron Lonner
74	Friday, September 12, 2008	3:42-3:46	2	The Majority of Initial Coronal Imbalance Following Fusion Surgery for AIS Improves Within Six Months	JahanGir Asghar
75	Friday, September 12, 2008	3:46-3:50	1	Significance of intraoperative thoracic kyphosis increase to prevent the proximal junctional kyphosis in adolescent idiopathic scoliosis following posterior segmental spinal instrumentation and fusion: A multicenter analysis of 518 cases	Yongjung Kim
76	Friday, September 12, 2008	4:00-4:04	2	Elevated Plasma Factor P Is Involved in AIS Onset and Curve Progression	Alain Moreau
77	Friday, September 12, 2008	4:04-4:08	1	Pre-operative CT does not appear to improve accuracy of pedicle screw placement and exposes the patient to increased quantities of radiation.	John Czerwein
78	Friday, September 12, 2008	4:08-4:12	2	New parameters to represent the position of the aorta relative to the spine for pedicle screw placement	Katsushi Takeshita
79	Friday, September 12, 2008	4:22-4:26	1	Intrathecal Morphine Administration for Preemptive Analgesia in Children Undergoing Posterior Spinal Instrumentation and Fusion for Idiopathic Scoliosis	Jochen Son-Hing
80	Friday, September 12, 2008	4:26-4:30	2	Halo-Gravity Traction in Severe Pediatric Spinal Deformity	Kristina Walick
81	Friday, September 12, 2008	4:30-4:34	1	Is Extended Preoperative Halo Traction Safe and Effective for Severe Pediatric Spinal Deformity? Critical Review of 62 Pediatric Patients	Timothy Kuklo
82	Friday, September 12, 2008	4:44-4:48	2	A 13-14 year follow up of outcome for fusions in Idiopathic Scoliosis	Colin Nnadi
83	Friday, September 12, 2008	4:48-4:52	1	Fixation Points Within the Main Thoracic Curve: Does More Instrumentation Produce Greater Curve Correction?	Mohammad Diab
84	Friday, September 12, 2008	4:52-4:56	2	'Don't end your fusion at T12 in idiopathic scoliosis': wisdom or myth?	Jack Flynn
85	Saturday, September 13, 2008	8:00-8:04	1	Quality of life in adult AIS patients - comparison between untreated and brace treated patients	Aina Danielsson
86	Saturday, September 13, 2008	8:04-8:08	2	The Association between the SRS-22 and Scoliosis Severity Changes at a Clinically Relevant Threshold	Eric Parent

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87	Saturday, September 13, 2008	8:08-8:12	1	Hospital Costs Associated With Surgical Treatment of Adolescent Idiopathic Scoliosis	Charles Mehlman
88	Saturday, September 13, 2008	8:22-8:26	2	Change in thoracic sagittal alignment following posterior instrumentation for Lenke 1A and B curves	James Sanders
89	Saturday, September 13, 2008	8:26-8:30	1	Preservation of Thoracic Kyphosis: A Critical Component to Maintaining Post-operative Lumbar Lordosis during the Surgical Treatment of Adolescent Idiopathic Scoliosis	Peter Newton
90	Saturday, September 13, 2008	8:30-8:34	2	3D sub-classification of Lenke 1 curves	Archama Sangole
91	Saturday, September 13, 2008	8:44-8:48	1	Treatment Outcome and Patient's Acceptance of the SpineCor Vs Rigid Bracing System for AIS Girls - A Randomized Controlled Trial with Follow Up Till Skeletal Maturity	Bobby Kin-Wah Ng
92	Saturday, September 13, 2008	8:48-8:52	2	Relative Contributions Of Discal And Vertebral Wedging To Cobb Angle Progression During The Adolescent Growth Spurt	James Sanders
93	Saturday, September 13, 2008	8:52-8:56	1	Post operative trunk flexibility loss is modest but incremental as the fusion progresses distally	Peter Newton
94	Saturday, September 13, 2008	9:06-9:10	2	Postoperative Left Shoulder Elevation (LSE): An Unexpected Consequence of Surgical Correction of Lenke 1 Main Thoracic Curves	Michael O'Brien
95	Saturday, September 13, 2008	9:10-9:14	1	Surgeon Reliability for Assessing Shoulder Height in AIS Patients with Double Thoracic Curves	Daniel Sucato
96	Saturday, September 13, 2008	9:14-9:18	2	IMPACT of IDIOPATHIC SCOLIOSIS and its SURGICAL TREATMENT on APPEARANCE in CHILDREN.	Mohammad Diab
97	Saturday, September 13, 2008	10:28-10:32	1	Is hypotensive anesthesia effective at reducing blood loss during pediatric spine fusion?	Richard Bowen
98	Saturday, September 13, 2008	10:32-10:36	2	Can we safely reduce blood loss during lumbar pedicle subtraction osteotomy procedures using tranexamic acid or aprotinin? A comparative study with controls.	Keith Bridwell
99	Saturday, September 13, 2008	10:36-10:40	1	Epsilon Aminocaproic Acid (EACA) Reduces Postoperative Red-Cell Transfusion Requirements in Patients Undergoing Major Spinal Surgery: A prospective, randomized, placebo-controlled trial in 182 patients.	Khaled Kebaish
100	Saturday, September 13, 2008	10:40-10:44	2	Efficacy of intraoperative cell salvage machines in pediatric spinal deformity surgery	Richard Bowen
101	Saturday, September 13, 2008	10:57-11:01	1	Prevention of surgical site infection following spinal instrumentation surgery. Is postoperative antimicrobial prophylaxis indispensable?	Hiroshi Taneichi

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102	Saturday, September 13, 2008	11:01-11:05	2	Major Perioperative Neurologic Deficits in Pediatric and Adult Spine Surgery Patients: Incidence, Etiology and Outcomes over a Fourteen Year Period at One Institution	Christopher Good
103	Saturday, September 13, 2008	11:12-11:16	1	What Radiographic Sagittal Parameters Correlate With Improved SRS Self-Image Scores Postoperatively In Patients With Sagittal Imbalance: An Analysis Of 102 Lumbar Pedicle Subtraction Osteotomy Patients	Jacob Buchowski
104	Saturday, September 13, 2008	11:16-11:20	2	Does vertebral level of Pedicle Subtraction Osteotomy correlate with degree of spino-pelvic parameter correction?	Frank Schwab
105	Saturday, September 13, 2008	11:20-11:24	1	Sagittal spinopelvic alignment change after lumbar pedicle subtraction osteotomy: A multicenter analysis of 113 patients with a minimum 2 years follow-up	Yongjung Kim
106	Saturday, September 13, 2008	11:34-11:38	2	Normative SRS-QOL data to allow age and gender specific comparisons to adult deformity patients. An analysis of 1346 unaffected subjects.	Christine Baldus
107	Saturday, September 13, 2008	11:38-11:42	1	Do one year outcomes predict two year outcomes in adult deformity surgery?	Steven Glassman
108	Saturday, September 13, 2008	11:42-11:46	2	Operative vs. Non-Operative Outcomes: Adult Scoliosis Patients Age over 65 at Two Years Follow-up	Gang Li
109	Saturday, September 13, 2008	11:56-12:00	1	The Changing Practice of Adult Spinal Deformity Surgery: An Emerging New Paradigm for Surgical Approach, Staged Procedures and Fusion Levels.	Charles Edwards
110	Saturday, September 13, 2008	12:00-12:04	2	Can Posterior Only Surgery Replace Combined Anterior (Thoracotomy/Thoracoabdominal)/Posterior Approaches for Adult Scoliosis?	Lawrence Lenke
111	Saturday, September 13, 2008	12:04-12:08	1	Does Correction of Preoperative Coronal Imbalance Make a Difference in Outcomes of Adult Deformity Patients?	Michael Daubs
112	Saturday, September 13, 2008	12:18-12:22	2	Risk factors and outcomes for catastrophic failures at the top of long pedicle screw constructs (FPSC): a matched cohort analysis performed at a single center	Patrick O'Leary
113	Saturday, September 13, 2008	12:22-12:26	1	Pelvic Tilt Shows Correlation with Health Related Quality of Life Measures and Truncal Inclination	Ashish Patel
114	Saturday, September 13, 2008	12:33-12:37	2	Low back pain in patients treated surgically for scoliosis -Longer than 15 year follow-up	Kazushi Takayama
115	Saturday, September 13, 2008	12:37-12:41	1	Predicting Surgical Outcome by Change in Critical Parameters of Thoracolumbar/Lumbar Spinal Deformity in Adults	Frank Schwab