The following details some of the past year’s activity of the physicians associated with the spine and scoliosis program, including research, publications, presentations and conference activity.

2013 Orthopaedic Department Reference List


Conference Activity Information


2SK - Posterior Release and Ponte Osteotomy for Spinal deformity Correction, Suken A. Shah, MD, Wilmington, Delaware Surgical Skills Course 2SK. Posterior Correction Techniques in Pediatric Spinal Deformities Wednesday, March 20, 2013 7:00 - 10:00 AM

Paper #: 392 - Michelle Marks, NMD, Tucson, Arizona
Tracey Bastrom, MA, San Diego, California
Maty Petcharaporn, BS, San Diego, California
Suken A. Shah, MD, Wilmington, Delaware
Amer Samdani, MD, Philadelphia, Pennsylvania
Baron Lonner, MD, New York, New York
Firoz Miyanji, MD, Vancouver, Canada
Peter O. Newton, MD, San Diego, California

Title: Motion Of The Unfused Lumbar Segments Remains Increased Up To 6 Years After Fusion For AIS.
Location: Room McCormick Place, Room S102
Time: Thursday, March 21, 2013
Presenter: Michelle Marks

Paper #: 394 –
Sina Pourtaheri, MD, Paterson, New Jersey
Suken A. Shah, MD, Wilmington, Delaware
William G. Mackenzie, MD, Wilmington, Delaware
Laurens Holmes, PhD, DrPH, Wilmington, Delaware

Title: Halo-Gravity Traction in Skeletal Dysplasia Patients with Severe Kyphoscoliosis: outcomes and complications
Location: Room McCormick Place, Room S102

12/23/2013
Time: Thursday, March 21, 2013
Presenter: Sina Pourtaheri

Paper #: 454 - Annalise N. Larson, MD, Rochester, Minnesota
Carl-Eric Aubin, PhD, Montreal, Canada
David W. Polly Jr, MD, Minneapolis, Minnesota
Charles Gerald T. Ledonio, MD, Minneapolis, Minnesota
Baron Lonner, MD, New York, New York
Suken A. Shah, MD, Wilmington, Delaware
Daniel J. Sucato, MD, Dallas, Texas
Lawrence G. Lenke, MD, Saint Louis, Missouri
Mark A. Erickson, MD, Minneapolis, Minnesota
Baron Lonner, MD, New York, New York

Title: Are More Screws Better? A Systematic Review of the Implant Density and Curve Correction in AIS
Location: Room McCormick Place, Room S102
Time: Thursday, March 21, 2013
Presenter: Annalise Larson

Paper #: 462 –
Muayad Kadhim, MD, Wilmington, Delaware
William G. Mackenzie, MD, Wilmington, Delaware
Pizarro Christian, MD, Wilmington, Delaware
Laurens Holmes, PhD, DrPH, Wilmington, Delaware
Kenneth J. Rogers, PhD, Wilmington, Delaware
Kallur K. Antony, MD, Albuquerque, New Mexico

Title: Prevalence of Scoliosis in Patients with Fontan Circulation
Location: Room McCormick Place, Room S102
Time: Thursday, March 21, 2013
Presenter: Muayad Kadhim

Paper #: 463 –
Curtis D. VandenBerg, MD, New York, New York
Suken A. Shah, MD, Wilmington, Delaware
Peter G. Gabos, MD, Wilmington, Delaware
Richard R. Bowen, MD, Wilmington, Delaware
Dinesh K. Choudhry, MD, Wilmington, Delaware
Karen Sacks, Wilmington, Delaware
Kenneth J. Rogers, PhD, Wilmington, Delaware

Title: Perioperative Use of Gabapentin in Idiopathic Scoliosis Improves Pain Management after Posterior Spinal Fusion
Location: Room McCormick Place, Room S102
Time: Thursday, March 21, 2013
Presenter: Curtis VandenBerg

Paper No. 748 –
Suken A. Shah, MD, Wilmington, Delaware
Michelle Marks, NMD, Tucson, Arizona
Maty Petcharaporn, BS, San Diego, California
Baron Lonner, MD, New York, New York
Peter O. Newton, MD, San Diego, California
Title: Towards Quality and Safety in Spinal Surgery: Use of a Multicenter Database Registry for Quality Improvement
Location: McCormick Place, Room S10
Time: Friday, March 22, 2013, 3:06 PM
Presenter: Suken Shah

Poster # P243 –
**Behrooz A. Akbarnia**, MD, La Jolla, California
**Nima Kabirian**, MD, San Diego, California
**Jeff Pawelek**, La Jolla, California
**Daniel Zhang**, BS, Rockville, Maryland
**Gregory Redding**, MD, Seattle, Washington
**John B. Emans**, MD, Boston, Massachusetts
**Suken A. Shah**, MD, Wilmington, Delaware
**Charles E. Johnston II**, MD, Dallas, Texas

Title: Is There a Significant Increase in Thoracic Height after Growing Rod Surgery for Early Onset Scoliosis?
Presenter: Behrooz Akbarnia

Poster # P249 –
**Suken A. Shah**, MD, Wilmington, Delaware
**Ali F. Karatas**, MD, Wilmington, Delaware
**Arjun Dhawale**, MD, South Miami, Florida
**Ozgur Dede**, MD, Pittsburgh, Pennsylvania
**Laurens Holmes**, PhD, DrPH, Wilmington, Delaware
**Petya Yorgova**, MS, Wilmington, Delaware
**Geraldine Neiss**, PhD, Wilmington, Delaware
**Gregory M. Mundis**, MD, San Diego, California
**Jeff Pawelek**, La Jolla, California

Title: What is the Effect of Growing Rod Lengthening on the Sagittal Profile and Pelvic Parameters in Early Onset Scoliosis?
Presenter: Suken Shah

**Specialty Day – POSNA . Spine Symposium**
When Do We Leave A Residual Curve? (Motion, Invasiveness vs. Deformity). **Suken A. Shah**, MD, Wilmington, Delaware. **Specialty Day – POSNA . Spine Symposium Saturday, March 23, 2013 10:38 AM - 12:00 PM**

**SPA/AAP Pediatric Anesthesiology 2013 meeting**, March 14-17, 2013 at the Red Rock Resort in Las Vegas, NV.

**European Paediatric Orthopaedic Society, April 17-20, 2013, Athens Greece**

Podium
1. William Mackenzie, MD “Specialized Symposium II - Recent knowledge in pediatric spine deformities: What should any pediatric orthopaedic surgeon know?” Clinical Examination: tips and Tricks. April 18, 2013

Pediatric Orthopaedic Society of North America May 1-4, 2013, Toronto, ON, CA

May 2, 2013
PAPER NUMBER/TITLE: 30 / “Comprehensive Program Aligning Structure, Processes and the Electronic Medical Record Improves Quality and Safety Of Complex Spinal Deformity Surgery In Children”
Suken A. Shah, MD, Stephen Lawless, MD MBA, William G. Mackenzie, MD DAY/DATE/TIME OF PRESENTATION: 5/2/2013 / 09:16 AM-09:20 AM

PAPER NUMBER/TITLE: 37 / “Long-Term Outcome Of Early Spine Fusion For Scoliosis In Children With Cerebral Palsy”
Prakash Sitoula, MD, Kirk Dabney, MD, Kenneth Rogers, MD, Laurens Holmes Jr., MD, Freeman Miller, MD.
DAY/DATE/TIME OF PRESENTATION: 5/2/2013, 05:13 PM-05:17 PM

IFPOS/POSNA Day
IFPOS PAPER NUMBER/TITLE: 3 / “Choosing The Lower Instrumented Vertebra In Scheuermann’s Kyphosis: Revisited”. Suken Shah, MD, Muayad Kadhim, MD, Baron S. Lonner, MD, Harry L Shufflebarger, MD, Paul Sponseller, MD, Peter Newton, MD.
DAY/DATE/TIME OF PRESENTATION: 5/2/2013, 01:27 PM-01:31 PM

IFPOS PAPER NUMBER/TITLE: 4 /“Ponte Osteotomies With Pedicle Screw Instrumentation In The Treatment Of Adolescent Idiopathic Scoliosis”
Suken A. Shah, MD; Arjun A. Dhawale, MD; Jon E. Oda, MD; Petya Yorgova, MS; Geraldine I. Neiss, PhD; Laurens Holmes, PhD, DrPH; Peter G. Gabos, MD
DAY/DATE/TIME OF PRESENTATION: 5/2/2013, 01:31 PM-01:35 PM

IFPOS PAPER NUMBER/TITLE: 37 / Long-Term Outcome Of Early Spine Fusion For Scoliosis In Children With Cerebral Palsy. Prakash Sitoula, MD, Kirk Dabney, MD, Freeman Miller, MD, Kenneth Rogers, PhD, ATC, Laurens Holmes, PhD.
DAY/DATE/TIME OF PRESENTATION: 5/2/2013, 5:13 PM-05:17 PM

May 3, 2013
PAPER TITLE: Assessment For Deep Wound Infections Following Pediatric Scoliosis Surgery
Suken Shah, MD, Sina Pourtaheri, MD, Freeman Miller, MD, Kirk W Dabney, MD, Susan Dubowsky, PA-C, Laurens Holmes, PhD
DAY/DATE/TIME OF PRESENTATION: 5/3/2013, 02:40 PM-02:44 PM


DAY/DATE/TIME OF PRESENTATION: 5/3/2013 2:45 PM – 2:49 PM

IFPOS e-poster

Growth Sparing Spinal Instrumentation In Skeletal Dysplasia. William Mackenzie, MD, Ali Karata, MD, Ozgur Dede, MD, Kenneth Rogers, PhD, ATC, Michael Bober, MD, Suken Shah, MD

Podium Presentations

SURGICAL TECHNIQUES:
a. Derotation: My Preference is…
4:05 PM – 4:10 PM Segmental Suken A. Shah, MD

PEDIATRIC CERVICAL SPINE:
4:40 PM – 4:50 PM My Approach To The Down Syndrome Patient William G. Mackenzie, MD
5:00 – 5:15 Case Presentations/Panel Discussion Moderator: Firoz Miyanji, MD Panel: William G. Mackenzie, John B. Emans, MD, John P. Dormans, Suken A. Shah, MD

20th International Meeting on Advanced Spine Techniques • July 10-13, 2013 Vancouver, British Columbia, Canada

Abstract Presentations

1. Paper #51: Complications in Operative Scheuermann’s Kyphosis: Do the Pitfalls Differ from Operative Adolescent Idiopathic Scoliosis? Baron S. Lonner, MD; Courtney Toombs, BS; Michael Guss, MD; Brian Braaksma, MD; Suken A. Shah, MD; Amer F. Samdani, MD; Harry L. Shufflebarger, MD; Paul D. Sponseller, MD; Peter O. Newton, MD Thursday 13:56-14:00 East Ballroom C

2. Paper #103: Comprehensive Program Aligning Structure, Processes and the Electronic Medical Record Improves Quality and Safety of Complex Spinal Deformity Surgery. Suken A. Shah, MD; William G. Mackenzie, MD; Stephen T. Lawless, MD, MBA Friday 10:01-10:03 East Ballroom C

3. Paper #114: Occipito-Cervical Fusion in Skeletal Dysplasia: A New Surgical Technique. Prakash Sitoula, MD; Laurens Holmes, PhD, DrPH; Colleen Ditro, MSN; Kenneth J. Rogers, PhD; Suken A. Shah, MD; William G. Mackenzie, MD Friday 11:11-11:15 East Ballroom AB

12/23/2013
4. Paper #175: What is the Anticipated U.S. Cost of Pedicle Screws Versus Luque Wire Instrumentation for Neuromuscular Scoliosis Surgery? A. Noelle Larson, MD; Charles Gerald T. Ledonio, MD; David W. Polly, MD; Suken A. Shah, MD; Scott J. Luhmann, MD Saturday 11:04-11:08 East Ballroom AB

e-Poster

251. Risk and Predisposing Factors in Surgical Site Infections After Pediatric Spinal Deformity Surgery: Density Case-Control Assessment Jesse Allert, MD; Sina Pourtaheri, MD; Freeman Miller, MD; Kirk W. Dabney, MD; Laurens Holmes, PhD, DrPH; Suken A. Shah, MD; Susan Dubowy, BS USA

260. Should Cerebral Palsy Patients Undergo Scoliosis Deformity Correction in the Winter Months? Burt Yaszay, MD; Paul D. Sponseller, MD; Suken A. Shah, MD; Amer F. Samdani, MD; Firoz Miyanji, MD, FRCSC; Jahangir Asghar, MD; Peter O. Newton, MD; Harms Study Group

326. While Inconvenient, Baclofen Pumps Do Not Complicate Scoliosis Surgery in CP Patients Burt Yaszay, MD; James D. Bomar, MPH; Paul D. Sponseller, MD; Suken A. Shah, MD; Jahangir Asghar, MD; Amer F. Samdani, MD; Tracey Bastrom, MA; Peter O. Newton, MD; Harms Study Group

329. Variations in Perioperative Care of Children with Cerebral Palsy Undergoing Surgery for Scoliosis: A Multi-Center Comparison of the Drivers of Cost and Outcome Brian Scannell, MD; Peter O. Newton, MD; Burt Yaszay, MD; Suken A. Shah, MD; Paul D. Sponseller, MD; Firoz Miyanji, MD, FRCSC; Mark F. Abel, MD; Harry L. Shufflebarger, MD; Harms Study Group

Presentation

AIS I: Clinical & Radiologic Evaluation session
When Can Stopping Short Predictably Give Good Results in AIS? Suken A. Shah, MD Thursday 14:40-14:50 (session starts at 14:20) East 2&3

2A: EOS: Clinical Evaluation/Surgical Techniques
Timing of Surgery and Indications for Definitive Fusion. Suken A. Shah, MD Friday 14:30-14:40 (session starts at 14:20) East 8&15

48th Scoliosis Research Society Annual Meeting and Course. September 18-21, 2013. Lyon, France. Pre-Meeting Course
Neuromuscular Scoliosis and Neurodegenerative Adult Spinal Deformity: Pediatric to Adulthood Treatment Techniques Session
Case Presentations: The Treatment of Pediatric Neurogenic Deformity: How Do Techniques Differ Around the World? Moderator: Steven M. Mardjetko, MD Panel: Suken A. Shah, MD; Lawrence L. Haber, MD; Alain Dimeglio, MD; Sean Molloy, MBBS, MSc, FRCS Wednesday 9:09-9:29 AM

Techniques for the Preservation of Sagittal Balance: An International Perspective

12/23/2013
Debate: Best Treatment Recommendations: 3 Cases of Pediatric Patients with Post Traumatic Sagittal Imbalance, Post-infectious, PJK in Neuromuscular Kyphoscoliosis Moderator: Laurel C. Blakemore, MD
Debaters: Suken A. Shah, MD; Kenneth M.C. Cheung, MD
Wednesday 2:32-2:52 PM

Half-Day Course: Spinal Deformity in Myelomeningocele
Co-Chairs: Peter G. Gabos, MD & Muharrem Yazici, MD
Thursday 1:30-4:30 pm

Surgical Treatment of Scoliosis: What Techniques are Available Worldwide? Peter G. Gabos, MD
Thursday 2:45-3:00 pm

Abstract Presentation
1. Paper #3: The Impact of Prolonged Surgical Wait Times on AIS: What Complications can be Expected? Firoz Miyanji, MD, FRCSC; Tracey Bastrom, MA; Amer F. Samdani, MD; Burt Yaszay, MD; David H. Clements, III, MD; Suken A. Shah, MD; Michelle C. Marks, PT, MA; Randal R. Betz, MD; Harry L. Shuffelberger, MD; Peter O. Newton, MD
Thursday 8:08-8:12AM Forum 5/6

2. Paper #12: The Effect of Time and Fusion Length on Motion of the Un-fused Lumbar Segments in Adolescent Idiopathic Scoliosis. Michelle C. Marks, PT, MA; Tracey Bastrom, MA; Maty Petcharaporn, BS; Suken A. Shah, MD; Amer F. Samdani, MD; Randal R. Betz, MD; Baron S. Lonner, MD; Firoz Miyanji, MD, FRCSC; Peter O. Newton, MD
Thursday 9:14-9:18AM Forum 5/6

3. Paper 13#: What an AIS Patient Sees in the Mirror: Validation of the Truncal Anterior Asymmetry Scoliosis Questionnaire (TAASQ). Baron S. Lonner, MD; Courtney Toombs, BS; Suken A. Shah, MD; Tracey Bastrom, MA; Phedra Penn, MS; Kristin Bright, PhD; Carrie Scharf Stern, MD; Marjolaine Roy-Beaudry, MSC; Marie Beausejour; Stefan Parent, MD, PhD
Thursday 9:28-9:32AM Forum 5/6

4. Paper #32: Magnetic Growth Rods Improve Pulmonary Function in Children with Early Onset Scoliosis. Wai Weng Yoon, BSc(Hons), MBBS, MRCS, FRCS(Tr&Orth); Fady S. Sedra, MB BcH, MSc, MRCS; Nanjundappa S. Harshavardhana, MD, MS(Orth); Suken A. Shah, MD; Francesco Muntoni, MD, FRCPCH, FMed Sci; Colin Wallis, MB, ChB, FRCPCH, MRCP, MD, DCH, FCP(SA); Hilali H. Noordeen, FRCS
Friday 8:26-8:30AM Forum 5/6

5. Paper #58: Variations in Sagittal Spino-Pelvic Alignment Between Different Curve Patterns of Adolescent Idiopathic Scoliosis: Is the Evolution of Thoracic Scoliosis Different Than Lumbar? Tom P. Schlösser, MD; Suken A. Shah, MD; Samantha J. Reichard; Kenneth J. Rogers, PhD; Koen L. Vincken, PhD; Rene M. Castelein, MD, PhD
Friday 10:09-10:13AM Forum 5/6

6. Paper #59: An Independent Evaluation of the Validity of a DNA-Based Prognostic Test for Adolescent Idiopathic Scoliosis. Benjamin D. Roye, MD, MPH; Margaret L. Wright, BS; Hiroko Matsumoto, MA; Petya Yorgova, MS; Geraldine I. Neiss, PhD; Daren J. McCalla, BS; Joshua E. Hyman, MD; David P. Roye, Jr., MD; Suken A. Shah, MD; Michael G. Vitale, MD, MPH
Friday 10:13-10:17am Forum 5/6

7. Paper #60: The Simplified Skeletal Maturity Method and its Correlation with Curve Progression in Idiopathic Scoliosis. Prakash Sitoula, MD; Kushagra Verma, MD, MS; James O. Sanders, MD; Petya Yorgova, MS; Geraldine I. Neiss, PhD; Kenneth J. Rogers, PhD; Laurens Holmes, Jr. PhD; Peter G. Gabos, MD; Suken A. Shah, MD
Friday 10:17-10:21am Forum 5/6

8. Paper #90: Proximal Junctional Kyphosis in Cerebral Palsy. Risk factors and Guidelines. Paul D. Sponseller, MD; Suken A. Shah, MD; Burt Yaszay, MD; Peter O. Newton, MD; Mark F. Abel, MD; Tracey Bastrom, MA; Michelle C. Marks, PT, MA; Patrick J. Cahill, MD

12/23/2013
9. Paper #91: A Prospective Multicenter Study of Neuromonitoring for Cerebral Palsy Scoliosis: the Nature and Rate of Alerts and Recovery of Changes. Suken A. Shah, MD; Paul D. Sponseller, MD; Mark F. Abel, MD; Peter O. Newton, MD; Burt Yaszay, MD; Firoz Miyanji, MD, FRCSC; Amer F. Samdani, MD; Harms Study Group

10. Paper #97: Pulmonary Function Changes Maintained Following Surgery for Scheuermann’s Kyphosis. Baron S. Lonner, MD; Courtney Toombs, BS; Suken A. Shah, MD; Amer F. Samdani, MD; Peter O. Newton, MD

11. Paper #99: Quality of Life Improvement Following Surgery for Scheuermann’s Kyphosis Compared to Adolescent Idiopathic Scoliosis. Baron S. Lonner, MD; Courtney Toombs, BS; Suken A. Shah, MD; Amer F. Samdani, MD; Patrick J. Cahill, MD; Harry L. Shufflebarger, MD; Burt Yaszay, MD; Paul D. Sponseller, MD; Peter O. Newton, MD

12. Paper #123: Scoliosis Surgery in Children with Congenital Heart Disease. Muayad Kadhim, MD; William G. Mackenzie, MD; Ellen Spurrier; Deepika Thacker; Christian Pizarro, MD

Saturday 8:08-8:12am Forum 5/6
Physician Educational and Presentation Activities

Dr. Dabney updated 18oct2013

Poster- electronic
Dr. Gabos updated 18oct2013

Grand Rounds speaker
1. Idiopathic Scoliosis, St. Lukes University School of Medicine, New York, New York, January 31, 2013.
2. Recent Advances in the Diagnosis and Treatment of Scoliosis. Bayhealth Medical Center / Kent General Hospital, Dover, DE, May 28, 2013

Manuscripts


Moderator -
Half-Day Course: Spinal Deformity in Myelomeningocele
Co-Chairs: Peter G. Gabos, MD & Muharrem Yazici, MD
September 19, 2013

Podium presentations- abstract
Paper #60: The Simplified Skeletal Maturity Method and its Correlation with Curve Progression in Idiopathic Scoliosis. Prakash Sitoula, MD; Kushagra Verma, MD, MS; James O. Sanders, MD; Petya Yorgova, MS; Geraldine I. Neiss, PhD; Kenneth J. Rogers, PhD; Laurens Holmes, Jr. PhD; Peter G. Gabos, MD; Suken A. Shah, MD

Podium presentations-topic

Surgical Treatment of Scoliosis: What Techniques are Available Worldwide? Peter G. Gabos, MD
September 19, 2013
Dr. Mackenzie updated 18oct2013

Manuscripts


Podium presentations- abstract


Podium presentations-topic
William Mackenzie, MD “Specialized Symposium II - Recent knowledge in pediatric spine deformities: What should any pediatric orthopaedic surgeon know?” Clinical Examination: tips and Tricks. April 18, 2013 European Paediatric Orthopaedic Society, April 17-20, 2013, Athens Greece

PEDIATRIC CERVICAL SPINE:
4:40 PM – 4:50 PM  My Approach To The Down Syndrome Patient William G. Mackenzie, MD Pediatric Orthopaedic Society of North America May 1-4, 2013, Toronto, ON, CA

Poster- electronic

Dr. Miller updated 04Nov2013

Moderator

Podium presentations- abstract

IFPOS PAPER NUMBER/TITLE : 37 / Long-Term Outcome Of Early Spine Fusion For Scoliosis In Children With Cerebral Palsy. Prakash Sitoula, MD, Kirk Dabney, MD, Freeman Miller, MD, Kenneth Rogers, PhD, ATC, Laurens Holmes, PhD.

DAY/DATE/TIME OF PRESENTATION: 5/2/2013, 5:13 PM-05:17 PM Pediatric Orthopaedic Society of North America May 1-4, 2013, Toronto, ON, CA

Podium presentations-topic

March 4/15, 2013 7th Indian Association of Cerebral Meeting, Lucknow, India.
4. Miller, F Scoliosis Management. 7th Indian Association of Cerebral Meeting, Lucknow, India, March 9, 2013

Poster- electronic


Dr. Shah updated

Manuscripts


Moderator
POSNA / IFPOS Combined Half-Day Pre-Course
Pediatric Orthopaedic Society of North America and International Federation of Pediatric Orthopaedic Societies  May 1, 2013  Program Co-Chairs: Suken A. Shah, MD Patricia Fucs, MD

Podium presentations - abstract
Paper #: 392 - Michelle Marks, NMD, Tucson, Arizona Tracey Bastrom, MA, San Diego, California Maty Petchaporn, BS, San Diego, California Suken A. Shah, MD, Wilmington, Delaware Amer Samdani, MD, Philadelphia, Pennsylvania Baron Lonner, MD, New York, New York Firoz Miyanji, MD, Vancouver, Canada Peter O. Newton, MD, San Diego, California Title: Motion Of The Unfused Lumbar Segments Remains Increased Up To 6 Years After Fusion For AIS. Location: Room McCormick Place, Room S102 Time: Thursday, March 21, 2013 Presenter: Michelle Marks American Academy of Orthopaedic Surgery. Chicago, IL. March 19-23, 2013

Paper #: 394 –
Sina Pourtaheri, MD, Paterson, New Jersey Suken A. Shah, MD, Wilmington, Delaware William G. Mackenzie, MD, Wilmington, Delaware Laurens Holmes, PhD, DrPH, Wilmington, Delaware Title: Halo-Gravity Traction in Skeletal Dysplasia Patients with Severe Kyphoscoliosis: outcomes and complications Location: Room McCormick Place, Room S102 Time: Thursday, March 21, 2013 Presenter: Sina Pourtaheri American Academy of Orthopaedic Surgery. Chicago, IL. March 19-23, 2013

12/23/2013


PAPER NUMBER/TITLE: 30 / “Comprehensive Program Aligning Structure, Processes and the Electronic Medical Record Improves Quality and Safety Of Complex Spinal Deformity Surgery In Children” Suken A. Shah, MD, Stephen Lawless, MD MBA, William G. Mackenzie, MD DAY/DATE/TIME OF PRESENTATION: 5/2/2013 / 09:16 AM-09:20 AM Pediatric Orthopaedic Society of North America May 1-4, 2013, Toronto, ON, CA

PAPER NUMBER/TITLE: 52 / Hip Subluxation, Pelvic Obliquity, And 52 Scoliosis In The CP Population: A Random Triad Or A Predictable Relationship?
2013 Orthopedic Department Research and Education Activity Report

Firoz Miyanji, MD, Amer Samdani, Peter F. Sturm, MD, Suken A. Shah, MD, Paul D. Sponseller, MD, Peter O. Newton, MD
DAY/DATE/TIME OF PRESENTATION: 5/2/2013 / 10:41 AM – 10:45 AM Pediatric Orthopaedic Society of North America May 1-4, 2013, Toronto, ON, CA

IFPOS/POSNA Day
IFPOS PAPER NUMBER/TITLE: 3 / “Choosing The Lower Instrumented Vertebra In Scheuermann’s Kyphosis: Revisited”. Suken Shah, MD, Muayad Kadhim, MD, Baron S. Lonner, MD, Harry L Shufflebarger, MD, Paul Sponseller, MD, Peter Newton, MD.
DAY/DATE/TIME OF PRESENTATION: 5/2/2013, 01:27 PM-01:31 PM Pediatric Orthopaedic Society of North America May 1-4, 2013, Toronto, ON, CA

IFPOS PAPER NUMBER/TITLE: 4 / “Ponte Osteotomies With Pedicle Screw Instrumentation In The Treatment Of Adolescent Idiopathic Scoliosis” Suken A. Shah, MD1; Arjun A. Dhawale, MD1; Jon E. Oda, MD2; Petya Yorgova, MS1; Geraldine I. Neiss, PhD1; Laurens Holmes, PhD, DrPH1; Peter G. Gabos, MD1
DAY/DATE/TIME OF PRESENTATION: 5/2/2013, 01:31 PM-01:35 PM Pediatric Orthopaedic Society of North America May 1-4, 2013, Toronto, ON, CA

May 3, 2013
PAPER TITLE: Assessment For Deep Wound Infections Following Pediatric Scoliosis Surgery
Suken Shah, MD, Sina Pourtaheri, MD, Freeman Miller, MD, Kirk W Dabney, MD, Susan Dubowsky, PA-C, Laurens Holmes, PhD
DAY/DATE/TIME OF PRESENTATION: 5/3/2013, 02:40 PM-02:44 PM Pediatric Orthopaedic Society of North America May 1-4, 2013, Toronto, ON, CA


5. Paper #51: Complications in Operative Scheuermann’s Kyphosis: Do the Pitfalls Differ from Operative Adolescent Idiopathic Scoliosis? Baron S. Lonner, MD; Courtney Toombs, BS; Michael Guss, MD; Brian Braaksma, MD; Suken A. Shah, MD; Amer F. Samdani, MD; Harry L. Shufflebarger, MD; Paul D. Sponseller, MD; Peter O. Newton, MD Thursday 13:56-14:00 East Ballroom C 20th International Meeting on Advanced Spine Techniques • July 10-13, 2013
Vancouver, British Columbia, Canada

6. Paper #103: Comprehensive Program Aligning Structure, Processes and the Electronic Medical Record Improves Quality and Safety of Complex Spinal Deformity Surgery. Suken A. Shah, MD; William G. Mackenzie, MD; Stephen T. Lawless, MD, MBA Friday 10:01-10:03 East Ballroom C
7. Paper #114: Occipito-Cervical Fusion in Skeletal Dysplasia: A New Surgical Technique. Prakash Sitoula, MD; Laurens Holmes, PhD,DrPH; Colleen Ditro, MSN; Kenneth J. Rogers, PhD; Suken A. Shah, MD; William G. Mackenzie, MD  
Friday 11:11-11:15 East Ballroom AB  
20th International Meeting on Advanced Spine Techniques • July 10-13, 2013 Vancouver, British Columbia, Canada

8. Paper #175: What is the Anticipated U.S. Cost of Pedicle Screws Versus Luque Wire Instrumentation for Neuromuscular Scoliosis Surgery? A. Noelle Larson, MD; Charles Gerald T. Ledonio, MD; David W. Polly, MD; Suken A. Shah, MD; Scott J. Luhmann, MD  
Saturday 11:04-11:08 East Ballroom AB  
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9. Paper #3: The Impact of Prolonged Surgical Wait Times on AIS: What Complications can be Expected? Firoz Miyanji, MD, FRCSC; Tracey Bastrom, MA; Amer F. Samdani, MD; Burt Yaszay, MD; David H. Clements, III, MD; Suken A. Shah, MD; Michelle C. Marks, PT, MA; Randal R. Betz, MD; Harry L. Shuflebarger, MD; Peter O. Newton, MD  
Thursday 8:08-8:12AM Forum 5/6  

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Thursday 9:14-9:18AM Forum 5/6  

11. Paper 13#: What an AIS Patient Sees in the Mirror: Validation of the Truncal Anterior Asymmetry Scoliosis Questionnaire (TAASQ). Baron S. Lonner, MD; Courtney Toombs, BS; Suken A. Shah, MD; Tracey Bastrom, MA; Phedra Penn, MS; Kristin Bright, PhD; Carrie Scharf Stern, MD; Marjolaine Roy-Beaudry, MSc; Marie Beausejour; Stefan Parent, MD, PhD  
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12. Paper #32: Magnetic Growth Rods Improve Pulmonary Function in Children with Early Onset Scoliosis. Wai Weng Yoon, BSc(Hons), MBBS, MRCS, FRCS(Tr&Orth); Fady S. Sedra, MB BCh, MSc, MRCS; Nanjundappa S. Harshavardhana, MD, MS(Orth); Suken A. Shah, MD; Francesco Muntoni, MD, FRCPCH, FMed Sci; Colin Wallis, MB, ChB, FRCPCH, MRCP, MD, DCH, FCP(SA); .Hilali H. Noordeen, FRCS  
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13. Paper #58: Variations in Sagittal Spino-Pelvic Alignment Between Different Curve Patterns of Adolescent Idiopathic Scoliosis: Is the Evolution of Thoracic Scoliosis Different Than Lumbar? Tom P. Schlösser, MD; Suken A. Shah, MD; Samantha J. Reichard; Kenneth J. Rogers, PhD; Koen L. Vinczen, PhD; Rene M. Castelein, MD, PhD  
Friday 10:09-10:13am Forum 5/6  

14. Paper #59: An Independent Evaluation of the Validity of a DNA-Based Prognostic Test for Adolescent Idiopathic Scoliosis. Benjamin D. Roye, MD, MPH; Margaret L. Wright, BS; Hiroko
15.  Paper #60: The Simplified Skeletal Maturity Method and its Correlation with Curve Progression in Idiopathic Scoliosis.  Prakash Sitoula, MD; Kushagra Verma, MD, MS; James O. Sanders, MD; Petya Yorgova, MS; Geraldine I. Neiss, PhD; Kenneth J. Rogers, PhD; Laurens Holmes, Jr. PhD; Peter G. Gabos, MD; Suken A. Shah, MD  

16.  Paper #90: Proximal Junctional Kyphosis in Cerebral Palsy. Risk factors and Guidelines. Paul D. Sponseller, MD; Suken A. Shah, MD; Burt Yaszay, MD; Peter O. Newton, MD; Mark F. Abel, MD; Tracey Bastrom, MA; Michelle C. Marks, PT, MA; Patrick J. Cahill, MD  

17.  Paper #91: A Prospective Multicenter Study of Neuromonitoring for Cerebral Palsy Scoliosis: the Nature and Rate of Alerts and Recovery of Changes. Suken A. Shah, MD; Paul D. Sponseller, MD; Mark F. Abel, MD; Peter O. Newton, MD; Burt Yaszay, MD; Firoz Miyani, MD, FRCSC; Amer F. Samdani, MD; Harms Study Group  

18.  Paper #97: Pulmonary Function Changes Maintained Following Surgery for Scheuermann’s Kyphosis. Baron S. Lonner, MD; Courtney Toombs, BS; Suken A. Shah, MD; Amer F. Samdani, MD; Peter O. Newton, MD  
Saturday 8:00-8:04 am Forum 5/6 48th Scoliosis Research Society Annual Meeting and Course. September 18-21, 2013. Lyon, France.

19.  Paper #99: Quality of Life Improvement Following Surgery for Scheuermann’s Kyphosis Compared to Adolescent Idiopathic Scoliosis. Baron S. Lonner, MD; Courtney Toombs, BS; Suken A. Shah, MD; Amer F. Samdani, MD; Patrick J. Cahill, MD; Harry L. Shufflerbarger, MD; Burt Yaszay, MD; Paul D. Sponseller, MD; Peter O. Newton, MD;  

20.  Paper #123: Scoliosis Surgery in Children with Congenital Heart Disease. Muayad Kadhim, MD; William G. Mackenzie, MD; Ellen Spurrier; Deepika Thacker; Christian Pizarro, MD  

Podium presentations-topic  
2SK - Posterior Release and Ponte Osteotomy for Spinal deformity Correction  Suken A. Shah, MD, Wilmington, Delaware.  Surgical Skills Course 2SK, Posterior Correction Techniques in Pediatric Spinal Deformities, Wednesday, March 20, 2013 7:00 - 10:00 AM American Academy of Orthopaedic Surgery, Chicago, IL. March 19-23, 2013
Suken A. Shan, MD, Wilmington Delaware. When Do We Leave a Residual Curve? (Motion, Invasiveness vs. Deformity). Specialty Day – POSNA. Spine Symposium Saturday, March 23, 2013 10:38 AM - 12:00 PM

Advanced Deformity Tutorial, San Diego, CA – April 4-5, 2013

SURGICAL TECHNIQUES:
a. Derotation: My Preference is…
4:05 PM – 4:10 PM Segmental Suken A. Shah, MD Pediatric Orthopaedic Society of North America May 1-4, 2013, Toronto, ON, CA

PEDIATRIC CERVICAL SPINE:

AIS I: Clinical & Radiologic Evaluation session
When Can Stopping Short Predictably Give Good Results in AIS? Suken A. Shah, MD
Thursday 14:40-14:50 (session starts at 14:20) East 2&3 20th International Meeting on Advanced Spine Techniques • July 10-13, 2013 Vancouver, British Columbia, Canada

2A: EOS: Clinical Evaluation/Surgical Techniques
Timing of Surgery and Indications for Definitive Fusion. Suken A. Shah, MD
Friday 14:30-14:40 (session starts at 14:20) East 8&15 20th International Meeting on Advanced Spine Techniques • July 10-13, 2013 Vancouver, British Columbia, Canada

Neuromuscular Scoliosis and Neurodegenerative Adult Spinal Deformity: Pediatric to Adulthood Treatment Techniques Session
Case Presentations: The Treatment of Pediatric Neurogenic Deformity: How Do Techniques Differ Around the World? Moderator: Steven M. Mardjetko, MD Panel: Suken A. Shah, MD; Lawrence L. Haber, MD; Alain Dimeglio, MD; Sean Molloy, MBBS, MSc, FRCS

Techniques for the Preservation of Sagittal Balance: An International Perspective
Debate: Best Treatment Recommendations: 3 Cases of Pediatric Patients with Post Traumatic Sagittal Imbalance, Post-infectious, PJK in Neuromuscular Kyphoscoliosis Moderator: Laurel C. Blakemore, MD Debaters: Suken A. Shah, MD; Kenneth M.C. Cheung, MD

Poster- paper
Poster # P243 –
Behrooz A. Akbarnia, MD, La Jolla, California
Nima Kabirian, MD, San Diego, California
Jeff Pawelek, La Jolla, California
Daniel Zhang, BS, Rockville, Maryland
Gregory Redding, MD, Seattle, Washington
John B. Emans, MD, Boston, Massachusetts
Suken A. Shah, MD, Wilmington, Delaware
Charles E. Johnston II, MD, Dallas, Texas

Title: Is There a Significant Increase in Thoracic Height after Growing Rod Surgery for Early Onset Scoliosis?
Presenter: Behrooz Akbarnia

Poster # P249 –
Suken A. Shah, MD, Wilmington, Delaware
Ali F. Karatas, MD, Wilmington, Delaware
Arjun Dhawale, MD, South Miami, Florida
Ozgur Dede, MD, Pittsburgh, Pennsylvania
Laurens Holmes, PhD, DrPH, Wilmington, Delaware
Petya Yorgova, MS, Wilmington, Delaware
Geraldine Neiss, PhD, Wilmington, Delaware
Gregory M. Mundis, MD, San Diego, California
Jeff Pawelek, La Jolla, California

Title: What is the Effect of Growing Rod Lengthening on the Sagittal Profile and Pelvic Parameters in Early Onset Scoliosis?
Presenter: Suken Shah

Pediatric Hospitalist Co-Management Impact On The Care Of Medically Complex Children Undergoing Spinal Surgery” - Shah Pediatric Orthopaedic Society of North America May 1-4, 2013, Toronto, ON, CA

Poster- electronic
Growth Sparing Spinal Instrumentation In Skeletal Dysplasia. William Mackenzie, MD, Ali Karata, MD, Ozgur Dede, MD, Kenneth Rogers, PhD, ATC, Michael Bober, MD, Suken Shah, MD IFPOS/POSNA Day Pediatric Orthopaedic Society of North America May 1-4, 2013, Toronto, ON, CA

251. Risk and Predisposing Factors in Surgical Site Infections After Pediatric Spinal Deformity Surgery: Density Case-Control Assessment Jesse Allert, MD; Sina Pourtaheri, MD; Freeman Miller, MD; Kirk W. Dabney, MD; Laurens Holmes, PhD, DrPH; Suken A. Shah, MD; Susan Dubowy, BS USA 20th International Meeting on Advanced Spine Techniques • July 10-13, 2013 Vancouver, British Columbia, Canada

260. Should Cerebral Palsy Patients Undergo Scoliosis Deformity Correction in the Winter Months? Burt Yaszay, MD; Paul D. Sponseller, MD; Suken A. Shah, MD; Amer F. Samdani, MD; Firoz Miyani, MD, FRcSC; Jahangir Asghar, MD; Peter O. Newton, MD; Harms Study Group 20th International Meeting on Advanced Spine Techniques • July 10-13, 2013 Vancouver, British Columbia, Canada
326. While Inconvenient, Baclofen Pumps Do Not Complicate Scoliosis Surgery in CP Patients Burt Yaszay, MD; James D. Bomar, MPH; Paul D. Sponseller, MD; Suken A. Shah, MD; Jahangir Asghar, MD; Amer F. Samdani, MD; Tracey Bastrom, MA; Peter O. Newton, MD; Harms Study Group. 20th International Meeting on Advanced Spine Techniques • July 10-13, 2013 Vancouver, British Columbia, Canada

329. Variations in Perioperative Care of Children with Cerebral Palsy Undergoing Surgery for Scoliosis: A Multi-Center Comparison of the Drivers of Cost and Outcome Brian Scannell, MD; Peter O. Newton, MD; Burt Yaszay, MD; Suken A. Shah, MD; Paul D. Sponseller, MD; Firoz Miyanji, MD, FRCSC; Mark F. Abel, MD; Harry L. Shufflebarger, MD; Harms Study Group. 20th International Meeting on Advanced Spine Techniques • July 10-13, 2013 Vancouver, British Columbia, Canada

Significant Events