

Shyam Kishan, MD, MS(Ortho), DNB (Ortho), FAAOS, FAOA

Current Employment

September 2017 - present

Medical Director

Pediatric Orthopaedics and Scoliosis
Medical City Children's Orthopedics and Spine Specialists
7777 Forest Lane
Suite C-135
Dallas, Texas 75230

Southwest Scoliosis and Spine Institute
Medical City Children's Orthopedics and Spine Specialists
12222 N. Central Expressway
Suite 420
Dallas, Texas 75230.

shyamkishan68@gmail.com

Educational Background

Diploma / Position	Institution	Year
Higher Secondary Certificate	Madras University, Madras, India First Rank in Graduating Class of 250 students Honors grades in all semesters Merit Scholarship Award, Government of India 1985	1983 - 1985
Medical School: MBBS and Rotating Internship	Jawaharlal Institute of Postgraduate Medical Education & Research (JIPMER), Madras University, India. Pondicherry, India. Third Rank in graduating class of 65 students Honors grades in all semesters Indian Academy of Pediatrics Award 1988 Endowment Prize in Community Medicine 1988	7/1985 1/1991
Resident	All India Institute of Medical Sciences New Delhi, India Ophthalmology	1/1991 - 6/1991
MS (Orthopaedics) DNB (Orthopaedics)	Seth G. S. Medical College & Affiliated Hospitals Bombay University, Bombay, India 2400 bedded hospital system with 350+ orthopaedic beds. Diplomat of the National Board (DNB), Orthopaedic Surgery University First Rank Holder in graduating class University of Bombay Merit Scholarship Award	8/1991 - 7/1994
Chief Resident (Orthopaedics)	Seth G. S. Medical College & Affiliated Hospitals Bombay, India	8/1994 - 1/1995
Medical Officer	King Edward VII Memorial Hospital	2/1995 -

	Bombay, India Emergency Room Physician Hospital Administrator Teaching Faculty	1/1996
Research Fellow	Department of Surgery Staten Island University Hospital Staten Island, NY.	7/1996 - 6/1997
Intern & Resident	General Surgery Staten Island University Hospital Staten Island, NY	7/1997 - 6/1999
Resident	General Surgery UMDNJ – New Jersey Medical School Newark, NJ.	7/1999 - 6/2000

Nominated by medical student body for the **Golden Apple Award** for best teaching resident

Resident	Orthopaedic Surgery UMDNJ – New Jersey Medical School Newark, NJ	7/2000 - 6/2004
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Nominated as one of the **AOA-OREF-Zimmer Orthopaedic Resident Leaders**, AOA Annual Meeting, Charleston, SC 2003

Elected Administrative Chief Resident of the program

Fellowship	Pediatric Orthopaedics and Scoliosis Children’s Hospital of San Diego San Diego, CA.	8/2004 - 7/2005
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EMPLOYMENT

Staff Orthopaedic Surgeon	Shriners Hospitals for Children Erie, PA.	9/2005 - 8/2006
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Assistant Professor	Loma Linda University Medical Center Loma Linda, CA.	9/2006 - 5/2010
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Adjunct Clinical Assistant Professor	Loma Linda University Medical Center Loma Linda, CA.	9/2006 - 5/2010
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Associate Professor Pediatric Orthopaedics	Riley Hospital for Children Indiana University Indianapolis, IN.	8/2010 - 6/2017
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Medical Director Pediatric Orthopaedics Scoliosis & Trauma	Medical City Dallas Childrens Hospital Dallas, TX	9/2017 - present
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Professor of Surgery	TCU Burnett School of Medicine	4/2023 - Present
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CERTIFICATION

1. ABOS Board recertified valid until 2038
2. ECFMG Certificate 0-533-599-7 – permanently validated.
3. USMLE I: 06/1995, Score 226/89 (90th percentile).
4. USMLE II: 08/1995, Score 247/91 (99th percentile).
5. USMLE III: 05/1999, Score 212/85.
6. FRCS – Section A, The Royal College of Surgeons of Edinburgh, 1995.
7. Diplomat of National Board (DNB – Orthopaedics), India, 1994.
8. Master of Surgery (MS – Orthopaedics), University of Bombay, India, 1994.

LICENSURE

NPI Number 1689644528

DEA Number BK 8731425

Texas Medical License: R1799, valid through 02/2025

Indiana State Medical License: 01060871A volunteer status

California State Medical License: A84740 inactive status

Pennsylvania State Medical License: MD426393 – inactive status

New Jersey State Medical License: MA 072329 – inactive status

Permanent Licenses to practice medicine in the states of Tamil Nadu and Maharashtra, India

MEMBERSHIPS:

1. American Academy of Orthopaedic Surgeons.
2. Pediatric Orthopaedic Society of North America.
3. Scoliosis Research Society.
4. American Orthopaedic Association.
5. Pediatric Orthopaedic Society of India

HONORS AND AWARDS

1. Castle Connolly Best Doctor award: City and Regional 2012-2017. Indianapolis, IN.
2. Castle Connolly Best Doctor award: City and Regional 2018 - current. Dallas, TX
3. D Magazine – Best Doctors of Dallas, 2017-current.

COMMITTEES:

Medical City Dallas Childrens Hospital 2017 – present

1. Presidential Line (Current President), Medical Staff, 2025-2027
2. Medical Executive Committee, Medical City Dallas Hospital
3. Pediatric Orthopaedic Trauma Liaison for Pediatric Trauma Center
4. Community Pediatric Advisory Council Member
5. OR Surgical Governance Committee Member 2019 - present
6. CME Committee Member 2019 - present
7. Utilization Review Committee Member 2019 - 2025
8. Pediatric Peer Review Committee Member 2019 – present
9. Scoliosis Research Society – Global Outreach Committee. 2018 – 2021
10. Scoliosis Research Society – Nonoperative Treatment Committee 2018 – 2021

American Board of Orthopedic Surgery

Shyam Kishan, MD – Curriculum Vitae
Revised 5/3/2026

Examiner for Oral certifying and recertifying examinations 2020 – present

Spina Bifida Association 2016 – 2023

Working Group Member for Orthopaedic Healthcare Guidelines: evaluate and make evidence based recommendations for management of orthopaedic issues in Spina Bifida patients.

Riley Hospital for Children 2010 – 2017

1. Lean process participant for Value Stream Analyses
2. Physician Engagement Team – Riley Hospital for Children

Indiana University Health 2010 – 2017

1. Neuro Value Stream Committee Member

Indiana University 2010 – 2017

1. Resident Selection Committee – Department of Orthopaedic Surgery
2. Chair of Clinical Competency Committee – IU Orthopedic Residency Program
3. Resident/Intern Bootcamp Faculty
4. Faculty Advisor/Mentor for residents

Loma Linda University 2006-2010

1. Pediatric Trauma Q.I – Loma Linda University Medical Center.
2. Orthopaedic Q.I. - Loma Linda University Medical Center.
3. Orthopaedic Resident Research Committee – Loma Linda University
4. Clinical Sciences Faculty Advisory Council (CSFAC) - Loma Linda University Medical Center.
5. Orthopaedic Grand Rounds Director – Loma Linda University.
6. Resident Selection Committee – Loma Linda University, Department of Orthopaedic Surgery.

JOURNAL REVIEWER

1. Journal of Orthopaedic Research.
2. Journal of Pediatric Rehabilitation Medicine.
3. POSNA for Annual Meeting Paper Submissions

PUBLICATIONS:

1. Dhanjani S, Prince K, Mundis E, Yaszay B, Asghar J, Kishan S, Rios F, Lenke LG, Mundis L, Hicks M, Rinella A, Mundis GM Jr. Global Spine Outreach (GSO): how to safely establish a sustainable short-term pediatric spine deformity outreach program. Spine Deform. 2026 Apr 13. doi: 10.1007/s43390-026-01348-4. Epub ahead of print. PMID: 41975168.
2. Muge L, Lavelle WF, Rahm M, Cunningham ME, Kishan S, Knapp DR, Gray R, Blakemore LC. Can use of a stiffer rod obviate the need for posterior column osteotomy in Lenke I and II curves? A prospective, multi-center study. Spine Deform. 2026 Mar;14(2):453-461. doi: 10.1007/s43390-025-01225-6. Epub 2025 Nov 28. PMID: 41315166.

3. Liu Y, Tareen NG, Kishan S, LaMont LE, Loveland DM, Rosenfeld SB, Souder CD, Hammer MR, Lapin NA, Reyes K, McMahon N, Anand GS, Kasay J, Copley LA. Magnetic Resonance Imaging Process Variation During Musculoskeletal Infection Evaluation at 6 Pediatric Centers. *J Pediatr Orthop*. 2025 Oct 1;45(9):e782-e788. doi: 10.1097/BPO.0000000000003018. Epub 2025 Jul 16. PMID: 40667686.
4. [An International Consensus on Evaluation and Management of Idiopathic Genu Valgum: A Modified Delphi Survey.](#)
Ranade AS, Oka GA, Belthur MV, Shah H, Herman MJ, Fernandes JA, Hamdy R, Hailer YD, Canavese F, Monsell F, Gelfer Y, Eastwood DM, Huser A, Laine J, McCarthy J, Aroojis A, Cooper A, Barr A, Herman Mare P, Hosny GA, **Kishan S**, Marangoz S, Moreno Grangeiro P, Møller-Madsen B, Nunn T, Shah M. *J Pediatr Orthop*. 2025 May-Jun 01;45(5):274-280. doi: 10.1097/BPO.0000000000002908. Epub 2025 Feb 4. PMID: 39901614
5. [EDF Casting for Early Onset Scoliosis: What We Learned From 175 Castings.](#)
Shafer C, Mahajan R, **Kishan S**. *Spine (Phila Pa 1976)*. 2021 Jul 1;46(13):852-860. doi: 10.1097/BRS.0000000000003941. PMID: 33428365
6. Orthopedic Guidelines for the Care of People with Spina Bifida. Conklin MJ, **Kishan S**, Nanayakkara CB, Rosenfeld SR. *J Pediatr Rehabil Med*. 2020;13(4):629-635. doi: 10.3233/PRM-200750. PMID: 33252095
7. Evolution of casting techniques in early-onset and congenital scoliosis. Mahajan R, **Kishan S**, Mallepally AR, Shafer C, Marathe N, Chhabra HS. *J Clin Orthop Trauma*. 2020 Sep-Oct;11(5):810-815. doi: 10.1016/j.jcot.2020.06.034. Epub 2020 Jul 8.
8. Tysklind RG, Myung K, Gantsoudes G, **Kishan S**, Turner C, Lee S, Wanner M, Sabatino M, Linger S, Loder RT. Intraobserver and Interobserver Measurement Variability of the Rib-Vertebral Angle Difference. *J Pediatr Orthop*. 2018 Oct;38(9):455-458. PMID: 27984489
9. [An International Consensus on Evaluation and Management of Idiopathic Genu Valgum: A Modified Delphi Survey.](#)
Ranade AS, Oka GA, Belthur MV, Shah H, Herman MJ, Fernandes JA, Hamdy R, Hailer YD, Canavese F, Monsell F, Gelfer Y, Eastwood DM, Huser A, Laine J, McCarthy J, Aroojis A, Cooper A, Barr A, Herman Mare P, Hosny GA, **Kishan S**, Marangoz S, Moreno Grangeiro P, Møller-Madsen B, Nunn T, Shah M. *J Pediatr Orthop*. 2025 May-Jun 01;45(5):274-280. doi: 10.1097/BPO.0000000000002908. Epub 2025 Feb 4. PMID: 39901614
10. [EDF Casting for Early Onset Scoliosis: What We Learned From 175 Castings.](#)
Shafer C, Mahajan R, **Kishan S**. *Spine (Phila Pa 1976)*. 2021 Jul 1;46(13):852-860. doi: 10.1097/BRS.0000000000003941. PMID: 33428365
11. Orthopedic Guidelines for the Care of People with Spina Bifida. Conklin MJ, **Kishan S**, Nanayakkara CB, Rosenfeld SR. *J Pediatr Rehabil Med*. 2020;13(4):629-635. doi: 10.3233/PRM-200750. PMID: 33252095
12. Evolution of casting techniques in early-onset and congenital scoliosis. Mahajan R, **Kishan S**, Mallepally AR, Shafer C, Marathe N, Chhabra HS. *J Clin Orthop Trauma*. 2020 Sep-Oct;11(5):810-815. doi: 10.1016/j.jcot.2020.06.034. Epub 2020 Jul 8.

13. Tysklind RG, Myung K, Gantsoudes G, **Kishan S**, Turner C, Lee S, Wanner M, Sabatino M, Linger S, Loder RT. Intraobserver and Interobserver Measurement Variability of the Rib-Vertebral Angle Difference. *J Pediatr Orthop*. 2018 Oct;38(9):455-458.PMID: 27984489
14. Allen J, Akpolat YT, **Kishan S**, Peppers T, Asgarzadie F, Cheng W. Comparison Between Gearshift and Drill Techniques for Pedicle Screw Placement by Resident Surgeons. *International Journal of Spine Surgery*. 2015 Volume 9 Article 23 DOI: 10.14444/2023
15. Lopez M, Kishan S, Bahk T, Mathur M. Severe Lordoscoliosis causing Mechanical Airway Compression. *Chest* 145(3 Suppl):436A · March 2014
16. Jensen RD, Stasic AS, **Kishan S** et al. Cardiorespiratory Effects of Derotational Casting during Anesthesia for Children with Early Onset Scoliosis. *Open Journal of Anesthesiology*, 2014, 4: 36-40.
17. **Kishan, S**. Advanced Praxis – Case Management: Progressive Infantile Scoliosis. *Physicians Practice/IU Health Physicians*. September 2011;11(5):A1-A7.
18. Sanders JO, D'Astous J, Fitzgerald M, Khoury JG, **Kishan S**, Sturm PF. Derotational Casting for Progressive Infantile Scoliosis. *Journal of Pediatric Orthopaedics*. September 2009;29(6):581-587.
19. Moore RT, Kishan S, Quigley R. Is there a functional morbidity of fractures in non-ambulatory pediatric patients with cerebral palsy? Does fracture prevention prevent functional deterioration? *Developmental Medicine & Child Neurology*. 51 (Supplement 5):47, September 2009.
20. Vives MJ, **Kishan S**, Asghar J, Peng B, Reiter MF, Milo S, Livingston D. Spinal Injuries in Pedestrians struck by motor vehicles. *J Spinal Disord Tech*. June 2008;21(4):281-7.
21. Sanders JO, Khoury JG, Browne RH, **Kishan S** et al. Predicting Scoliosis Progression from Skeletal Maturity: A Simplified Classification during Adolescence. *J. Bone Joint Surg. Am*; March 2008;90:540-553.
22. Sanders JO, Khoury JG, **Kishan S**. A technique for calculating limb length inequality and epiphysiodesis timing using the multiplier method and a spreadsheet. *Journal of Children's Orthopaedics*. July 2007;1(2):151-155.
23. **Kishan S**, Bastrom T, Betz RR, Lenke LG, Lowe TG, Clements D, D'Andrea L, Sucato DJ, Newton PO. Thoracoscopic scoliosis surgery affects pulmonary function less than thoracotomy at two years post-surgery. *Spine*. February 15, 2007;32(4):453-8.
24. **Kishan, S**, Upasani V, Mahar A, Oka S, Odell R, Rohmiller M, Newton P, Wenger D. Biomechanical stability of single versus two-screw fixation of an unstable slipped capital femoral epiphysis model: effect of screw position in the femoral neck. *Journal of Pediatric Orthopaedics* September/October 2006;26(5):601-605
25. Upasani V, **Kishan S**, Oka S, Mahar A, Rohmiller M, Pring M, Wenger D. Biomechanical analysis of single screw fixation for slipped capital femoral epiphysis: are more threads across the physis necessary for stability? *Journal of Pediatric Orthopedics* July/August 2006;26(4):474-478.
26. Wenger D, **Kishan S**, Pring M. Impingement in childhood hip disease. *Journal of Pediatric Orthopaedics (B)*, July 2006;15(4):233-243.
27. Sabharwal S, **Kishan S**, Behrens FF. Principles of Femoral External Fixation. *American Journal of Orthopedics*, May 2005;34(5):218-23.

28. **Kishan S**, Vives MJ, Reiter MF. Timing of Surgery in Spinal Cord Injury. J Spinal Cord Med 2005;28(1):11-19.
29. Munjal K, **Kishan S**, Sabharwal S. Post-traumatic pediatric distal tibio-fibular synostosis – A Case Report. Foot and Ankle International June 2004, Vol 25(6):429-433.
30. **Kishan S**, Sabharwal S, Behrens FF, Reilly MC, Sirkin MS. External Fixation of the Femur – Basic Concepts. Techniques in Orthopaedics 2002;17(2):239-244.
31. Mohan BV, **Kishan S** et al. Irreducible dislocation of the interphalangeal joint of the thumb – A report of two cases. Journal of Postgraduate Medicine 1996;42(1):30-31.
32. Munshi PK, Mohan BV, **Kishan S** et al. A rare case of a volar fracture-dislocation of the proximal interphalangeal joint of the index finger. Bombay Hospital Journal 1994;36(4):238-9.
33. **Kishan S**, Pathak RH. Evaluation of the External Fixator in correction of Talipes Equinovarus. Postgraduate Dissertation, University of Bombay, India 1994.
34. Krishnamurthy N, Veliath S, **Kishan S** et al. The standardized distal motor latencies and peak-to-peak amplitudes of evoked muscle action potentials in the extremities of humans. Indian Journal of Physiology and Pharmacology 1988;32(1):51-55.

BOOK CHAPTERS:

1. Vives M, **Kishan S**. Postoperative Spinal Wound Infections and Postprocedural Diskitis. In Complications of Pediatric and Adult Spine Surgery. Vaccaro AR (Ed). Marcel Dekker 2004.
2. **Kishan S**, Sanders JO. Shoulder Injuries. Chapter 30 in Pediatric Orthopaedic Secrets 3rd edition. Staheli LT, Song KM (Eds.) Mosby 2007.
3. Hostin R, **Kishan S**. Fusion to the Sacrum and Fixation Techniques of the Sacropelvic junction. Chapter 95. In Textbook of Spinal Surgery. Gupta and Bridwell (Editors). Wolters Kluwer 2020.

BOOK REVIEWS:

1. Spinal Deformities: The Essentials. Robert F. Heary and Todd J. Albert, editors. J Neurosurg Vol 108. January 2008

PRESENTATIONS:

International:

1. **Kishan S**. Scoliosis. Invited Grand Rounds Speaker. Department of Orthopedics, Sassoon Hospital, Pune, India. Jan 7, 2020.
2. **Kishan S**. Non-Operative Management of Scoliosis. Grand Round Speaker. Pune Association of Spine Surgeons. Pune, India. Jan 6, 2020.

3. **Kishan S.** Top 5 Pediatric Orthopedic Emergencies. ICL at 25th Annual Paediatric Orthopaedic Society of India (POSI) Meeting. January 4, 2019.
4. **Kishan S.** Angular Deformities around the Knee. ICL at 25th Annual Paediatric Orthopaedic Society of India (POSI) Meeting. January 4, 2019.
5. **Kishan S.** Early Onset Scoliosis – Posterior Growth Modulation. ICL at 25th Annual Paediatric Orthopaedic Society of India (POSI) Meeting. January 4, 2019.
6. **Kishan S,** Knapp D, Rahm M, Rathjen K, Lafage V, Cunningham M, Boachie-Adjei O, Bao H, Reigut J. Selective Thoracic Fusion with Spontaneous Improvement of Lumbar Curve in Adolescent Idiopathic Scoliosis. SRS Annual Meeting September 2016, Prague, Czech Republic. (EPoster).
7. **Kishan S,** Knapp D, Rahm M, Rathjen K, Lafage V, Cunningham M, Boachie-Adjei O, Bao H, Reigut J. Selective Thoracic Fusion with Spontaneous Improvement of Lumbar Curve in Adolescent Idiopathic Scoliosis. International Meeting on Advanced Spine Techniques (IMAST) July 2016, Washington DC. **Whitecloud Award Nominee (Podium)**
8. Cunningham M, Boachie-Adjei O, Kim HJ, **Kishan S,** Knapp D, Rahm M, Rathjen K, Tucker S, Lafage V, Kostuik J. Radiographic Outcomes of an Enhanced Rigidity Spinal Beam construct in the AIS population. Philip Zorab Symposium, The Royal College of Surgeons, London, UK. June 2015. (Podium).
9. Lopez M, **Kishan S,** Bahk T, Mathur M. Severe Lordoscoliosis causing Mechanical Airway Compression. Chest World Congress 2014. Madrid (Poster).
10. Schwend R, **Kishan S,** Blakemore L et al, (Complex Spine Study Group). Relationship of Pediatric Rib to Thoracic Vertebral Morphology with Age. 50th Anniversary Philip Zorab Symposium, The Royal College of Surgeons, London, UK. June 2013. (Podium).
11. **Kishan S,** Blakemore L, Schwend R et al, (Complex Spine Study Group). Rib and Vertebral growth and relationship to Chest Volume. 50th Anniversary Philip Zorab Symposium, The Royal College of Surgeons, London, UK. June 2013. (Podium).
12. Schwend R, **Kishan S,** Blakemore L et al, (Complex Spine Study Group). New Data on the Growth Patterns of the Pediatric Spinal Canal. 50th Anniversary Philip Zorab Symposium, The Royal College of Surgeons, London, UK. June 2013. (EPoster).
13. Ferguson J, **Kishan S,** Blakemore L et al, (Complex Spine Study Group). Posterior Rib Geometry – What is the Ideal Site for Proximal Rib Anchors in Growing Spine Surgery? 50th Anniversary Philip Zorab Symposium, The Royal College of Surgeons, London, UK. June 2013. (EPoster).
14. **Kishan S,** Jenson R, Stasic A, Dierdorf S et al. Pulmonary Function Changes During EDF Casting for Early Onset Scoliosis-A Follow-up Study. International Congress on Early Onset Scoliosis Annual Meeting, Dublin, Ireland, Nov 2012. (Podium).
15. **Kishan S,** Jenson R, Stasic A, Dierdorf S et al. EDF Casting Preserves Pulmonary Function in EOS – A Preliminary Study. International Congress on Early Onset Scoliosis Annual Meeting, Dublin, Ireland, Nov 2012. (Podium).
16. **Kishan S,** Shafer C. Traction in EDF Casting for EOS – Curve Type Influences Results. International Congress on Early Onset Scoliosis Annual Meeting, Dublin, Ireland, Nov 2012. (EPoster)

17. **Kishan S**, Shafer C. Traction for EDF Casting for EOS – How Much and What Happens. International Congress on Early Onset Scoliosis Annual Meeting, Dublin, Ireland, Nov 2012. (EPoster)
18. **Kishan S**, Jenson R, Stasic A, Dierdorf S et al. Pulmonary Function Changes During EDF Casting for Early Onset Scoliosis-A Preliminary Report. The 19th International Meeting on Advanced Spine Techniques (IMAST). Istanbul, Turkey, July 18-21, 2012. (Podium)
19. Woo R, Blakemore LC, Trammell TR, **Kishan S** and the Complex Spine Study Group. A Comprehensive Nomenclature for Standardized Radiographic Measurements of Vertebral Morphology. The 19th International Meeting on Advanced Spine Techniques (IMAST). Istanbul, Turkey, July 18-21, 2012. (Poster)
20. Wang L, Lee C, **Kishan S**, Schlunt ML. Combined Intrathecal / Epidural Analgesia for Pain Management after Pediatric Spinal Fusions for Scoliosis. ASRA 35th Annual Regional Anesthesia Meeting and Workshops April 22-25, 2010 Toronto, Ontario, Canada
21. Wang L, Lee C, **Kishan S**, Schlunt ML. Combined Intrathecal / Epidural Analgesia for Pain Management after Pediatric Spinal Fusions for Scoliosis. NYSORA World Anesthesia Congress. Dubai, UAE. March 7-12, 2010.
22. Sanders, JO, D'Astous J, Fitzgerald ML, Khoury JG, **Kishan S** et al. Cotrel Derotation Casting for Progressive Infantile Scoliosis. The 2nd International Congress on Early Onset Scoliosis and Growing Spine, Montreal, Quebec. November 7-8, 2008. (Podium)
23. Sanders JO, Fitzgerald ML, Khoury JG, **Kishan S** et al. Cotrel Derotation Casting for Progressive Infantile Scoliosis. IMAST Hong Kong, China. July 2008. (Podium)
24. M Vives, **S Kishan**, J Asghar, M Reiter, S Milo, D Livingston. Spinal Injuries in Pedestrians struck by Motor Vehicles. Orthopedic Trauma Association. Ottawa, ON, Canada. October 20-22, 2005. Scientific Poster #41.
25. **S Kishan**, T Bastrom, R Betz, L Lenke, T Lowe, D Clements, L D'Andrea, D Sucato, P Newton. Thoracoscopic Scoliosis Surgery Affects Pulmonary Function Less Than Thoracotomy At Two Years Post-Surgery. International Meeting on Advanced Spine Techniques IMAST. Banff Alberta Canada. July 7-9, 2005. (Poster)
26. Benevenia J, Patterson F, **Kishan S**. Reconstruction after forearm sarcoma resections in children – the single bone forearm. 12th International Symposium on Limb Salvage. Rio de Janeiro, Brazil. September 15-17th 2003. (Podium)
27. **Kishan S**, Pandit H, Sonsale PD, Bhojraj SY. Cervical Locked Facets and Disc Herniation. Western India Regional Orthopaedic Conference, Bombay, India 1994.

National:

1. **Kishan S**. EDF Casting for Early Onset Scoliosis – What we learned from 175 Casts Invited Grand Rounds Speaker, Department of Orthopedic Spine Surgery. NYU Langone Health – Tisch Hospital. February 12, 2021
2. **Kishan S**, Shafer C, Sundblad K, Loder R. Positive Predictors of Success in EDF Casting – The Role of Traction. POSNA Annual Meeting, Austin TX. May 11, 2018.

3. **Kishan S**, Shafer C, Sundblad K, Loder R. EDF Casting preserves Pulmonary Function in Early Onset Scoliosis – A Follow-up. POSNA Annual Meeting, Austin TX. May 10, 2018.
4. **Kishan S**, Knapp D, Rahm M, Rathjen K, Lafage V, Cunningham M, Boachie-Adjei O, Bao H, Lafage R. The Importance of Sagittal Alignment in Correcting Thoracolumbar Coronal Curves to Avoid Flattening of Thoracic Kyphosis. North American Spine Society (NASS) Annual Meeting, October 2016, Boston MA. (EPooster)
5. Hanna AH, Wang L, Lee C, **Kishan S**, Schlunt ML. Combined Intrathecal / Epidural Analgesia for Pain Management after Pediatric Spinal Fusions for Scoliosis. ASA Annual Society of Anesthesiologists, October 16-20th, 2010 San Diego, CA.
6. Moore RT, **Kishan S**, Quigley R. Is there a functional morbidity of fractures in non-ambulatory pediatric patients with cerebral palsy? Does fracture prevention prevent functional deterioration AACPDM Annual Meeting, Scottsdale AZ. Sept. 23-26, 2009 (Poster SP14).
7. Sanders JO, Fitzgerald ML, Khoury JG, **Kishan S** et al. Cotrel Derotation Casting for Progressive Infantile Scoliosis. POSNA Annual Meeting, Albuquerque, N.M. Apr.30 – May 3, 2008. (Podium). **J. Anthony Herring Clinical Scientific Paper Award winner.**
8. Sanders JO, Khoury JG, Browne RH, **Kishan S** et al. Predicting Scoliosis Behavior by Skeletal Age - Reliability and Validity of a Simplified System. AAOS Annual meeting, San Francisco, CA. March 5-9, 2008. (Podium)
9. Sanders JO, Khoury JG, Browne RH, **Kishan S** et al. Predicting Scoliosis Behavior by Skeletal Age - Reliability and Validity of a Simplified System. American Academy of Pediatrics Annual Meeting, San Francisco, CA. October 28, 2007. (Podium).
10. Sanders JO, Khoury JG, Browne RH, **Kishan S** et al. Reliability and Validity of a Simplified Tanner-Whitehouse Classification System in Girls with Idiopathic Scoliosis. POSNA Annual Meeting, Hollywood, FL. May 2007. (Podium)
11. **Kishan S**. Percutaneous Epiphysiodesis using Transepiphyseal Screws (PETS). Pediatric Orthopaedic Surgery Specialty Day. AAOS Annual Meeting, San Diego, CA. February 17th, 2007. (Podium).
12. Kesani AK, Patterson FR, Beebe KS, **Kishan S**, Benevenia J. Malignant Forearm Tumors: Functional Outcome of a Novel Single Bone Forearm Surgical Approach. Musculoskeletal Tumor Society Annual Meeting, Key West, FL. June 8-10, 2006. (Poster).
13. **Kishan S**, Upasani, Mahar, Oka, Odell, Rohmiller, Newton, Wenger. Biomechanical stability of single versus two-screw fixation of an unstable slipped capital femoral epiphysis model: effect of screw position in the femoral neck. Orthopaedic Research Society, March 19-22, 2006 Chicago, IL. (Podium)
14. Upasani, **Kishan S**, Oka, Mahar, Rohmiller, Pring, Wenger. Biomechanical analysis of single screw fixation for slipped capital femoral epiphysis: are more threads across the physis necessary for stability? Orthopaedic Research Society. March 19-22, 2006, Chicago, IL. (Poster)
15. **Kishan S**, T Bastrom, R Betz, L Lenke, T Lowe, D Clements, L D'Andrea, D Sucato, P Newton. Thoracoscopic Scoliosis Surgery Affects Pulmonary Function Less Than Thoracotomy at Two Years Post-Surgery. Scoliosis Research Society. Oct. 28-30, 2005 / Loews Miami Beach, Miami. **Hibbs Award Nominee** (Podium).

Local/Regional:

1. **Kishan, S.** Scoliosis. Pediatric Grand Rounds, Medical City Childrens Hospital, Dallas, Texas. October 22, 2019.
2. **Kishan, S.** Compartment Syndromes. 1st Annual Trauma Symposium. Medical City Dallas Hospital, Dallas, Texas. October 25, 2018.
3. **Kishan, S.** Early Onset Scoliosis. Pediatric Grand Rounds. Medical City Dallas Childrens' Hospital, Dallas. Dec 12, 2017.
4. **Kishan, S.** Invited Speaker. Optimizing Non-Operative Care of Early Onset Scoliosis Patients. Lunch Break-out Session. ICEOS, San Diego. Nov 16, 2017.
5. **Kishan, S.** Pediatric Spine Surgery. Nursing School Grand Rounds. Riley Hospital for Children. Department of Nursing. Indianapolis, IN. Jun 7, 2017.
6. **Kishan, S.** Early Onset Scoliosis, Thoracic Insufficiency and What We Learned from 175 EDF Scoliosis Casts. Grand Rounds Invited Speaker. Shriners Hospitals for Children, Sacramento. Apr 18, 2017.
7. **Kishan, S.** Myelodysplasia. Pediatric Orthopaedic Grand Rounds. Riley Hospital for Children. Department of Orthopaedic Surgery. Indianapolis, IN. Apr 11, 2017.
8. **Kishan, S.** Spine Anatomy – Cadaver Lab. Pediatric Orthopaedic Grand Rounds. Department of Orthopaedic Surgery. Indianapolis, IN. Feb 8, 2017.
9. **Kishan, S.** Neuromuscular Spine. Pediatric Orthopaedic Grand Rounds. Riley Hospital for Children. Department of Orthopaedic Surgery. Indianapolis, IN. Jan 31, 2017.
10. **Kishan, S.** Casting Techniques. Pediatric Orthopaedic Grand Rounds. Riley Hospital for Children. Department of Orthopaedic Surgery. Indianapolis, IN. Sept 6, 2016.
11. **Kishan, S.** Limb Length Discrepancy. Pediatric Orthopaedic Grand Rounds. Riley Hospital for Children. Department of Orthopaedic Surgery. Indianapolis, IN. Aug 16, 2016.
12. **Kishan, S.** Spine Anatomy – Cadaver Lab. Pediatric Orthopaedic Grand Rounds. Department of Orthopaedic Surgery. Indianapolis, IN. Feb 17, 2016
13. **Kishan, S.** Scoliosis. Nursing Grand Rounds. Riley Hospital for Children. Department of Nursing. Indianapolis, IN. Feb 10, 2016.
14. **Kishan, S.** Imaging in Orthopedics. Pediatric Orthopaedic Grand Rounds. Riley Hospital for Children. Department of Orthopaedic Surgery. Indianapolis, IN. Sept 29, 2015.
15. **Kishan S.** Juvenile Inflammatory Arthropathy. Pediatric Orthopaedic Grand Rounds. Riley Hospital for Children. Department of Orthopaedic Surgery. Indianapolis, IN. Aug 11, 2015.
16. **Kishan, S.** Myelodysplasia. Pediatric Orthopaedic Grand Rounds. Riley Hospital for Children. Department of Orthopaedic Surgery. Indianapolis, IN. Mar 31, 2015.

17. **Kishan, S.** Casting Techniques. Pediatric Orthopaedic Grand Rounds. Riley Hospital for Children. Department of Orthopaedic Surgery. Indianapolis, IN. Feb 24, 2015.
18. **Kishan, S.** Spine Anatomy – Cadaver Lab. Pediatric Orthopaedic Grand Rounds. Department of Orthopaedic Surgery. Indianapolis, IN. Feb 11, 2015.
19. **Kishan, S.** Neuromuscular Spine. Pediatric Orthopaedic Grand Rounds. Riley Hospital for Children. Department of Orthopaedic Surgery. Indianapolis, IN. Feb 10, 2015.
20. **Kishan, S.** Scoliosis. Neurosurgery Grand Rounds. Methodist Hospital. Department of Neurosurgery. Indianapolis, IN. Jan 14, 2015.
21. **Kishan, S.** Limb Length Discrepancy. Pediatric Orthopaedic Grand Rounds. Riley Hospital for Children. Department of Orthopaedic Surgery. Indianapolis, IN. Dec 2014.
22. **Kishan, S.** Resident Practice Management Lecture Series. Intern Boot Camp 2013. Riley Hospital for Children. Department of Orthopaedic Surgery. Indianapolis, IN. Jul, 2014.
23. **Kishan, S.** Medical Record Keeping. Intern Boot Camp 2013. Riley Hospital for Children. Department of Orthopaedic Surgery. Indianapolis, IN. Jul, 2014.
24. **Kishan, S.** Cerebral Palsy I. Pediatric Orthopaedic Grand Rounds. Riley Hospital for Children. Department of Orthopaedic Surgery. Indianapolis, IN. May 27 2014.
25. **Kishan, S.** Imaging in Orthopedics. Pediatric Orthopaedic Grand Rounds. Riley Hospital for Children. Department of Orthopaedic Surgery. Indianapolis, IN. Sept 10, 2013.
26. **Kishan S.** Pelvic Screw Trajectory and placement. DePuy Synthes Spine Future Leaders Workshop: Surgical Management of Adult Spinal Deformity. Indianapolis, IN. Sep 6,7, 2013.
27. **Kishan, S.** Tibial and Patellar Fractures. Pediatric Orthopaedic Grand Rounds. Riley Hospital for Children. Department of Orthopaedic Surgery. Indianapolis, IN. Aug 13, 2013.
28. **Kishan, S.** Resident Practice Management Lecture Series. Intern Boot Camp 2013. Riley Hospital for Children. Department of Orthopaedic Surgery. Indianapolis, IN. Jul 25, 2013.
29. **Kishan, S.** Medical Record Keeping. Intern Boot Camp 2013. Riley Hospital for Children. Department of Orthopaedic Surgery. Indianapolis, IN. Jul 23, 2013.
30. **Kishan, S.** Cerebral Palsy I. Pediatric Orthopaedic Grand Rounds. Riley Hospital for Children. Department of Orthopaedic Surgery. Indianapolis, IN. Jun 4, 2013.
31. **Kishan, S.** Scoliosis. Spring Assembly of Coders – Indiana Chapter of CSTs. St. Francis Hospital, Greenwood, IN. Mar 9, 2013
32. **Kishan, S.** Myelodysplasia. Pediatric Orthopaedic Grand Rounds. Riley Hospital for Children. Department of Orthopaedic Surgery. Indianapolis, IN. Jan 8, 2013.
33. **Kishan, S.** Juvenile Inflammatory Arthropathy. Pediatric Orthopaedic Grand Rounds. Riley Hospital for Children. Department of Orthopaedic Surgery. Indianapolis, IN. Dec 4, 2012.

34. **Kishan S.** Imaging in Pediatric Orthopedics. Pediatric Orthopedic Grand Rounds. Riley Hospital for Children, September 11th, 2012.
35. **Kishan S.** Tibia Fractures and Patellar fractures. Pediatric Orthopedic Grand Rounds. Riley Hospital for Children, August 14th, 2012.
36. **Kishan, S.** Spinal surgery and post operative PICU nursing care. Indiana University School of Nursing. Indianapolis, IN. November 7, 2011.
37. **Kishan, S.** Torticollis and Congenital Spinal Deformity. y Grand Rounds. Wishard Hospital. Tudor Auditorium, Indianapolis, IN. November 2, 2011.
38. **Kishan, S.** Spinal Surgery and Manipulation. Indiana University School of Nursing Lecture. Indianapolis, IN. October 25, 2011.
39. **Kishan, S.** American Academy of Professional Coders, Local Chapter of American Coders/Pediatric Orthopedics "Spines". Indianapolis, IN. October 11, 2011.
40. **Kishan, S.** Update on Musculoskeletal Malignancies. 14th Annual West Hawaii Cancer Symposium. Kona, Hawaii. September 1-5, 2011. (Invited Speaker)
41. **Kishan, S.** Idiopathic Scoliosis. PM&R Teaching Rounds. Indiana University Medical Center. November 22, 2010.
42. **Kishan, S.** Diagnosis and surgical repair of common thoracic deformities. 2010 Pediatric Pulmonary Update Seminar, Carmel, IN. November 3rd, 2010. (Invited Speaker)
43. **Kishan, S.** Developmental Dysplasia of the Hip. Pediatric Teaching Rounds. Loma Linda University, Loma Linda, CA, April 21, 2010.
44. **Kishan, S.** Congenital Scoliosis – Associated other anomalies. Pediatric Teaching Rounds. Loma Linda University, Loma Linda, CA, March 24, 2010
45. **Kishan, S.** Idiopathic Scoliosis. Orthopaedic Grand Rounds. Loma Linda University, Loma Linda, CA, February 3, 2010.
46. **Kishan, S.** History and Differential Diagnosis of Bone cysts. Pediatric Teaching Rounds. Loma Linda University, Loma Linda, CA, December 16, 2009.
47. **Kishan, S.** Developmental Dysplasia of the Hip. Orthopaedic Grand Rounds. Loma Linda University, Loma Linda, CA, June 3, 2009.
48. **Kishan, S.** Pediatric Trauma: What's New. Presented at the 29th Annual Harold B. Boyd Lectures, Orthopaedic Trauma, in conjunction with the 2009 77th Annual Post-Graduate Convention. Loma Linda University, Loma Linda, CA. March 8, 2009.
49. **Kishan, S.** Scoliosis from Infancy Through Adolescence. Pediatric Grand Rounds. Loma Linda University Medical Center, Loma Linda, CA. December 19, 2008.
50. **Kishan, S.** Idiopathic Scoliosis Management Concepts. Spine Grand Rounds and Journal Club. San Bernardino, CA. March 17, 2008.

51. **Kishan, S.** Legg-Calve-Perthes disease-Clinical/Radiological Features and Management. Orthopaedic Grand Rounds. Loma Linda, CA. January 23, 2008.
52. **Kishan, S.** Limb Length Inequality In Lower Extremities-Clinical/Radiological Features and Management. Orthopaedic Grand Rounds. Loma Linda, CA. January 2, 2008.
53. **Kishan, S.** Infantile Scoliosis Casting. Anesthesiology Grand Rounds. Loma Linda, CA. October 24, 2007.
54. **Kishan, S.** Infantile Scoliosis Casting. West Coast Peer-to-Peer Spine Deformity Meeting. San Diego, CA. October 2006.
55. **Kishan, S.** Developmental Dysplasia of the Hip. Shriners Hospitals for Children. Erie, PA. July 2006.
56. **Kishan, S.** Myopathy and Neuropathy. Shriners Hospitals for Children. Erie, PA. June 2006.
57. **Kishan, S.** Skeletal Dysplasias. Shriners Hospitals for Children. Erie, PA. April 2006.
58. Miyajni F, Pring ME, Mahar A, **Kishan S**, Wenger DR. Biomechanical Stability of Fully Threaded Versus Partially Threaded Screws for Fixation of an Unstable SCFE in an in-vitro Porcine Model. 33rd David Sutherland Visiting Professorship. San Diego, CA. March 2006.
59. **Kishan, S.** Developmental Dysplasia of the Hip. Shriners Hospitals for Children. Erie, PA. January 2006.
60. **Kishan, S.** Peroneal Spastic Flatfoot. Shriners Hospitals for Children. Erie, PA. December 2005.
61. **Kishan, S.** Syndromes of Orthopaedic Importance. Shriners Hospitals for Children. Erie, PA. October 2005.
62. **Kishan, S.** Lower Extremity Trauma in Children. Grand Rounds. UCSD Department of Orthopaedic, Mercy Hospital. San Diego, CA. April 2005.
63. **Kishan, S.** Limb Length Inequality in Children. Grand Rounds. UCSD Department of Orthopaedics, Mercy Hospital. San Diego, CA. January 2005.
64. **Kishan, S.** In vivo evaluation of a novel cortical bone allograft processing technique – a radiographic assessment. Resident Research Presentation. UMDNJ-NJMS Dept. of Orthopaedics. June 2004.
65. **Kishan, S.** Lateral Condyle Fractures in Children. Resident Case Presentation. UMDNJ-NJMS Dept. of Orthopaedics. September 2003.
66. **Kishan, S.** The Single Bone Forearm. Resident Case Presentation. UMDNJ-NJMS Dept. of Orthopaedics. July 2003.
67. **Kishan, S.** Pelvic support osteotomy and distal realignment for untreated developmental dysplasia of the hip. Resident Case Presentation. UMDNJ-NJMS Dept. of Orthopaedics. July 2003.
68. **Kishan, S.** Pediatric Genu Valgum: Treatment Considerations. Resident Case Presentation. UMDNJ-NJMS Dept. of Orthopaedics. January 2002.
69. **Kishan, S.** Surface Replacement Arthroplasty of the Hip. Resident Presentation. Hospital Center of Orange. July 2001.

70. **Kishan, S.** Pediatric Pathological Femoral Neck Fracture secondary to a Bone Cyst. Resident Case Presentation. UMDNJ-NJMS Dept. of Orthopaedics. April 2001.

RESEARCH:

RESEARCH FUNDING/GRANTS

Riley Hospital for Children Indianapolis, IN.

1. K2M Post Approval Clinical Trial- Preservation of Thoracic Kyphosis as a Function of Rod Stiffness in the surgical treatment of adolescent idiopathic scoliosis and/or Scheuermann's Kyphosis with the use of K2M MESA Rail - \$13,797.00
2. Prospective study on use of K2M MESA Rail in Adolescent Idiopathic Scoliosis - \$25,545.00

Laboratory Research:

1. Screw fixation of SCFE, Rady Childrens Hospital San Diego 2005.
2. In vivo evaluation of a novel cortical bone allograft processing technique. Canine study performed at the Laboratories for Orthopaedic Research, UMDNJ-NJMS, Newark, NJ.

Clinical Research:

A: Medical City Dallas Childrens Hospital, Dallas, TX 2017 – current

1. MRI Utilization and Surgery Decision Making in Pediatric Musculoskeletal Infections – A Prospective Multi-Center Assessment.

B: Riley Hospital for Children, Indianapolis 2010 – 2017 – IRB Approved projects

1. Pulmonary compliance changes during the manipulation of early onset spinal deformities and cast application.
2. Traction in EOS casting
3. A Survey Study of Postoperative Management and Costs of Neuromuscular Scoliosis Patients
4. K2M Post Approval Clinical Trial- Preservation of Thoracic Kyphosis as a Function of Rod Stiffness in the surgical treatment of adolescent idiopathic scoliosis and/or Scheuermann's Kyphosis with the use of K2M MESA Rail
5. Prospective study on use of K2M MESA Rail in Adolescent Idiopathic Scoliosis
6. Evaluation of the Necessity of Operative Irrigation and Debridement: Pediatric Randomized Trial of Type One Open Fractures (PROOF)
7. Growth Modulation in the immature Pediatric Spine with Flexible Posterior Tethers - a retrospective short term follow-up

C: Loma Linda University, Pediatric Research 2009 - 2010

Pediatric TBI and DAI: Normal Appearing Brain is not Normal.

D: Childrens' Hospital of San Diego 2004-05.

Postoperative Pulmonary Function in Adolescent Idiopathic Scoliosis: 2-year follow-up.

E: Projects involved in as Surgical Research Fellow and Study Coordinator, Staten Island University Hospital, NY, 1996-1997

1. A comparison of Skin Perfusion Pressures and Transcutaneous Oxygen Partial Pressures with wound outcome on patients with ischemic ulcerations on the toes and feet.
Sponsor: Vasamedics, Inc.
2. A double blind randomized, parallel group, placebo controlled, multiple dose, multicenter trial to assess the efficacy, safety, tolerability and pharmacokinetics of CGP 46614 (Transforming Growth Factor B) with chronic pressure ulcers using daily topical application (under dressings) for 16 weeks with 3 month follow-up period (for patients with complete ulcer closure).
Sponsor: Ciba-Geigy.
3. Thromboprophylaxis with different treatment regimens of low molecular weight heparin (Fragmin) Vs. Warfarin in Total Hip Replacement - A multicenter double blind randomized study.
Sponsor: Pharmacia & Upjohn.
4. A randomized, modified double blind, placebo controlled, parallel group trial to evaluate the efficacy and the dose response of a new estradiol matrix transdermal therapeutic system in the prevention of postmenopausal bone loss.
Sponsor: Ciba-Geigy.
5. An open randomized, controlled, single blind, parallel group study of the effect of Perflubron emulsion on the duration of reversal of changes in physiological parameters mandating the need for blood transfusion during Radical retropubic prostatectomy, Radical hysterectomy or cystectomy.
Sponsor: Johnson.
6. The prevention of deep vein thrombosis in acute spinal cord injury comparing Enoxaparin vs. Low dose Heparin plus External Pneumatic Compression during the first two weeks followed by Enoxaparin vs. Low Dose Heparin for the remaining six weeks.
Sponsor: Rhone-Poulenc Rorer.

MEETINGS AND WORKSHOPS

1. POSNA Annual Meeting, Las Vegas, NV. May 2025.
2. POSNA Annual Meeting, Dallas, Texas. May 2021.
3. Controversies in Pediatric Limb Reconstruction, TSRH, Dallas, TX. Feb 7-8, 2020.
4. Brandon Carrell Visiting Professorship, TSRH, Dallas, TX Apr 12-13, 2019
5. 25th Annual Paediatric Orthopaedic Society of India (POSI) Meeting, Mumbai, India Jan, 2019.
6. 14th Annual Fall Spine Symposium, TSRH, Dallas, TX. Oct 5, 2018.
7. POSNA Annual Meeting, Austin, Texas. May 9-12, 2018.
8. Brandon Carrell Visiting Professorship, TSRH, Dallas, TX Apr 6-7, 2018
9. POSNA Annual Meeting, Barcelona, Spain. May 2-6, 2017.
10. 44th Annual David H. Sutherland Pediatric Orthopedic Visiting Professorship, Rady Children's Hospital, San Diego, Ca. Mar 10, 2017.
11. Scoliosis Research Society Annual Meeting, Prague, Czech Republic Sep 21-24, 2016.
12. IMAST Washington DC, Jul 13-16, 2016.
13. POSNA Annual Meeting, Indianapolis, IN Apr 27-30, 2016.
14. Scoliosis Research Society Annual Meeting, Minneapolis, MN 2015.
15. Scoliosis Research Society Annual Meeting, Anchorage AL, 2014.

16. POSNA Annual Meeting, Los Angeles, CA, Apr 30-May 3, 2014.
17. 41st Annual David H. Sutherland Pediatric Orthopedic Visiting Professorship, Rady Children's Hospital, San Diego, Ca. Apr 28, 2014
18. International Congress on Early Onset Scoliosis (ICEOS), San Diego, CA, Nov, 2013
19. 40th Annual David H. Sutherland Pediatric Orthopedic Visiting Professorship, Rady Children's Hospital, San Diego, Ca. May 16-17, 2013.
20. International Congress on Early Onset Scoliosis (ICEOS), Dublin, Ireland, Nov, 2012
21. International Clubfoot Symposium: Renewing the Promise, University of Iowa, Iowa City, Oct. 3-5, 2012
22. Complex Spine Study Group Meeting, Leesburg, VA. August 10, 2012
23. IMAST, Istanbul, Turkey, July 18-21, 2012
24. POSNA Annual Meeting, Denver, Colorado, May 16-20, 2012.
25. 2012 Hip and Spine Day Conference, Cincinnati Children's Hospital, April 28, 2012.
26. 39th Annual David H. Sutherland Pediatric Orthopedic Visiting Professorship, Rady Children's Hospital, San Diego, Ca. April 12-13, 2012.
27. Faculty. K2M Mesa-Range Workshop, IPOS, Orlando, FL. December 7th, 2011.
28. 4th Annual Lindseth Lectureship. Indianapolis, IN November 18th, 2011.
29. Complex Spine Study Group, Herndon, VA, May 21, 2011.
30. POSNA Annual Meeting, Montreal, Canada, May 11-14, 2011.
31. 38th Annual David H. Sutherland Pediatric Orthopedic Visiting Professorship, Rady Children's Hospital, San Diego, CA. April 21-22, 2011
32. Complex Spine Study Group, Scottsdale, AZ. January 14-16, 2011.
33. International Congress on Early Onset Scoliosis (ICEOS), 4th Annual Meeting, Toronto, Canada. November 19-20, 2010.
34. 3rd Annual Lindseth Lectureship. Indianapolis, IN November 5th, 2010.
35. Faculty. Current Techniques in Spine Deformity Surgery – Cadaver Laboratory, Methodist Hospital, Indianapolis, IN. September 30th, 2010. Organized by Stryker Spine.
36. POSNA Annual Meeting, Hawaii, HI. 2010.
37. 37th Annual David H. Sutherland Pediatric Orthopedic Visiting Professorship, Rady Children's Hospital, San Diego, CA. April 2010.
38. AAOS Annual Meeting, New Orleans, LA. 2010.
39. Complex Spine Study Group, San Diego, CA. January 7-8, 2010.
40. International Congress on Early Onset Scoliosis (ICEOS), 3rd Annual Meeting, Istanbul, Turkey. November 20-21, 2009.
41. AAOS 42nd Annual Course for Orthopaedic Educators, Chicago, IL. November 1-5, 2009.
42. Scoliosis Research Society, 44th Annual Meeting, San Antonio, TX. September 23-24, 2009.
43. Pediatric Orthopaedic Society of North America Annual Meeting, Boston, MA. April 29, 2009-May 2, 2009.
44. 36th Annual David H. Sutherland Pediatric Orthopedic Visiting Professorship, Rady Children's Hospital, San Diego, CA, April 2009.
45. AAOS Annual Meeting Specialty Day, Las Vegas, NV. February 28, 2009.
46. 5th Annual International Pediatric Orthopaedic Symposium, Lake Buena Vista, FL. December 3-6, 2008.
47. American Academy for Cerebral Palsy and Developmental Medicine 62nd Annual Meeting, Atlanta, GA. September 18-20, 2008.
48. Scoliosis Research Society, 43rd Annual Meeting, Salt Lake City, UT. September 10-13, 2008.
49. Pediatric Orthopaedic Society of North America Annual Meeting, Albuquerque, N.M. April 30-May 3, 2008.
50. 35th Annual David H. Sutherland Pediatric Orthopedic Visiting Professorship, Rady Children's Hospital, San Diego, CA. April 17-18, 2008.
51. Stryker Spine Meeting, Phoenix, AZ. March 28-30, 2008.
52. West Coast Peer-to-Peer Spine Deformity Meeting, San Diego, CA. November 9-10, 2007.
53. American Academy of Pediatrics Meeting, San Francisco, CA. October 2007.

54. Orthopedic Grand Rounds and Visiting Professorship Se-Il Suk, MD, Montefiore Medical Center, N.Y. July 8, 2007.
55. 34th Annual David H. Sutherland Pediatric Orthopedic Visiting Professorship, Rady Children's Hospital, San Diego, CA. May 17-18, 2007.
56. Advanced Techniques in Deformity Surgery for Pediatric Spine Surgeons, Medtronic, Scottsdale, AZ. February 23-24, 2007.
57. AAOS Annual Meeting, San Diego, CA. February 2007.
58. K2-Mesa Spinal System Surgeon Cadaver Training Lab, San Diego, CA. December 16, 2006.
59. West Coast Peer-to-Peer Spine Deformity Meeting, San Diego, CA. 2006.
60. Clinical Gait Analysis – A focus on interpretation, Basic Course, Gillette Children's Hospital, St. Paul, MN. May 18-20, 2006.
61. 33rd Annual David H. Sutherland Pediatric Orthopedic Visiting Professorship, Rady Childrens' Hospital, San Diego, CA. March 30-31, 2006.
62. Baltimore Course – Limb Deformity, Baltimore, MD. September 2005.
63. DePuy Spine Fellows Graduation, Boston MA. June 2005.
64. 32nd Annual David H. Sutherland Pediatric Orthopedic Visiting Professorship, Rady Childrens' Hospital, San Diego, CA. 2005.
65. AAOS Annual Meeting, Washington, D.C. 2005.
66. IPOS, Orlando, FL, December 2004.
67. DePuy Anterior Spine Deformity Surgery Tutorial, San Diego, CA. August 2004.
68. AAOS Annual Meeting, San Francisco, CA. March 2004.
69. Spine + Science + Management Course, Medtronic, New Orleans, LA. December 2003.
70. New Jersey Orthopaedic Society: Annual New Jersey Orthopaedic Symposium, 2003.
71. AOA-OREF-Zimmer Orthopaedic Resident Leadership Forum and AOA Annual Meeting, Charleston, S.C. June 2003.
72. New Jersey Medical School – Department of Orthopaedics: The Upper Extremity in Adults and Children, Parsippany, N.J. April 2003
73. Columbia University College of Physicians and Surgeons: Neuromuscular issues in children, Saddlebrook, N.J. September 2002.
74. 7th Annual Residents Symposium, Stryker-Howmedica-Osteonics, Phoenix, AZ. September 2002.
75. AO-ASIF Principles of Fracture Management Course for Residents, Los Angeles, CA. January 2002.
76. New Jersey Orthopaedic Society: Annual New Jersey Orthopaedic Symposium, October 2001.
77. New Jersey Orthopaedic Society: Annual New Jersey Orthopaedic Symposium, October 2000.
78. New Jersey Orthopaedic Society: Annual New Jersey Orthopaedic Symposium, October 1999.
79. Bayer Workshop on Clinician-Patient Communication, Staten Island University Hospital, Staten Island, N.Y. February 1998.
80. FCCS – Fundamentals of Critical Care Support 1998
81. Workshop and CME on Total Joint Replacement. Ranawat Orthopaedic Research Foundation, Pune, India. 1995.
82. Workshop and CME on PLIF, Plates and Screws. Department of Neurosurgery, LTMMC and Sion Hospital, Bombay, India. August 1994.

VOLUNTEER EXPERIENCE

1. Member of Global Spine Outreach (GSO) since 2020.
2. Research Fellow, Department of Surgery, Staten Island University Hospital, Staten Island, NY. 1996 – 1997.
3. Health Camp, Rotary Club of Pondicherry (Midtown), India. 1991.

CLINICAL INTERESTS

Pediatric Spinal Deformity: Scoliosis including Early Onset Spine (EOS) Deformity, Kyphosis, Spondylolisthesis, Pediatric Limb Deformity, Growth Modulation in Spine and Extremities, Clubfeet, Hip Dysplasia, Pediatric Trauma, Pulmonary function in EOS.