

**ARASH EMAMI, MD**

University Spine Center  
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**Education:**

Fellowship	University of California at San Francisco Department of Orthopedic Surgery, Spinal surgery David Bradford, M.D. Spine Fellowship August 1999-July 2000
Residency	University of Chicago Orthopedic Surgery June 1995-July1999
Internship	University of Chicago General Surgery Internship June 1994-June 1995
Medical School	University of Chicago Pritzker School of Medicine Medical Doctorate August 1990-May 1994
Undergraduate	State University of New York at Buffalo Bachelor of Science Major: Biochemistry September 1986-May 1990

**Academic Positions:**

**Chairman of the Orthopedic Dept.  
St. Joseph's University Medical Center**

Director of Spinal Surgeries  
St. Joseph's University Medical Center

Associate Professor Orthopedic Surgery  
Seton Hall University

Assistant Clinical Professor Orthopedic Surgery  
New York University, 2008-2016

**Hospital Affiliations:**

St. Joseph's University Medical Center  
Paterson, New Jersey

Mt. Sinai St. Luke's  
New York, New York

Valley Hospital  
Ridgewood, New Jersey

Englewood Hospital  
Englewood, New Jersey

Holy Name Medical Center  
Teaneck, New Jersey

Morristown Medical Center,  
Morristown, New Jersey

Chilton Medical Center  
Pompton Plains, New Jersey

**Licensure:**

Board Certified - American Board of Orthopedic Surgery, July 2002  
Recertification - June 2012

State of New Jersey Medical License

New York Medical License

State of California Medical License

**Memberships:**

American Academy of Orthopaedic Surgeons (AAOS)

North American Spine Society (NASS)

Scoliosis Research Society (SRS)

Society of Lateral Spine Surgery (SOLAS)

Society of Minimally Invasive Surgery (SMISS)

New Jersey Orthopedic Society

New Jersey Spine Surgery Society

## Awards:

America's Top Spine Surgeons – Consumer's Research Council

Castle Connolly's New York/New Jersey Top Doctors – 2005 - Present

NJ Family Favorite Kids' Doctor – 2012 - Present

## Peer Reviewed Publications:

Conor Dunn, Kimona Issa, Jeffrey Moore, Nancy Moonstari, Michael Faloon, Kumar Sinha, Ki Soo Hwang, Mark Ruoff, **Arash Emami**. "The Role of CTA of the Head and Neck in Changing the Clinical Management of Patients with Cervical Fractures." Manuscript submitted to Global Spine Journal.

Conor Dunn, Kimona Issa, Samuel Mease, Awais Hussain, **Arash Emami**. "Thyrotoxic Periodic Paralysis (TPP): A Spine Consultation and Case Report." Manuscript submitted to JAAOS Global Research and Reviews

Conor Dunn, Jennifer Kurowicki, Kimona Issa, Michael Faloon, Vincent McInerney, **Arash Emami**. "Cervical Spinal Stenosis with Coexisting Rotator Cuff Tear: A Nationwide Review of Records from 2005 to 2014." Manuscript submitted to Orthopedics.

Sahai N, Changoor S, Dunn C, Sinha K, Hwang KS, Faloon M, **Emami A**. "Minimally Invasive Posterior Cervical Foraminotomy as an Alternative to Anterior Cervical Discectomy and Fusion for Unilateral Cervical Radiculopathy: A Systematic Review and Meta-Analysis." Spine (Phila Pa 1976). 2019 Jul 16. doi: 10.1097/BRS.0000000000003156

Agarwala A, Issa K, Changoor S, Djurasovic M, **Emami A**. "Evaluation of Spine Questions on the Orthopaedic In-Training Examination: An update from 2013 to 2017" J Long Term Eff Med Implants. 2018;28(4):297-302. doi: 10.1615/JLongTermEffMedImplants.2019030064

Kurowicki J, Issa K, Festa A, **Emami A**, McInerney VK, Scillia AJ. "Cervical Spinal Stenosis in the Setting of Recurrent Shoulder Instability: A Nationwide Review of Records from 2007 to 2014." J Long Term Eff Med Implants. 2018;28(3):193-198. doi: 10.1615/JLongTermEffMedImplants.2018028896.

Pierce TP, Ermann D, Scillia AJ, Festa A, **Emami A**, McInerney VK. "National Trends in Orthopaedic Surgery Resident Adult Case Logs." J Surg Educ. 2019 Feb 14. pii: S1931-7204(18)30296-4. doi: 10.1016/j.jsurg.2018.11.003

Sahai N, Faloon MJ, Dunn CJ, Issa K, Sinha K, Hwang KS, **Emami A**. "Short-Segment Fixation with Percutaneous Pedicle Screws in the Treatment of Unstable Thracolumbar Vertebral Body Fractures." Orthopedics. 2018 Sep 17:1-5. doi: 10.3928/01477447-20180912-05.

**Emami A**, Faloon M, Sahai N, Dunn CJ, Issa K, Thibaudeau D, Sinha K, Hwang KS. "Risk Factors for Pseudoarthrosis in Minimally-Invasive Transforaminal Lumbar Interbody Fusion." *Asian Spine J.* 2018 Oct;12(5):830-838. doi: 10.31616/asj.2018.12.5.830. Epub 2018 Sep 10.

Faloon M, Sahai N, Pierce TP, Dunn CJ, Sinha K, Hwang KS, **Emami A**. "Reply to the Letter to the Editor: Incidence of Neuraxial Abnormalities Is Approximately 8% Among Patients With Adolescent Idiopathic Scoliosis: A Meta-analysis." *Clin Orthop Relat Res.* 2018 Aug;476(8):1688. doi: 10.1097/CORR.0000000000000342.

Dunn C, Moore J, Sahai N, Issa K, Faloon M, Sinha K, Hwang KS, **Emami A**. "Minimally Invasive Posterior Cervical Foraminotomy with Tubes to Prevent Undesired Fusion: A Long- Term Follow-up Study." *J Neurosurg Spine.* 2018 June 29:1-7. doi: 10.3171/2018.2.SPINE171003.

Dunn C, Faloon M, Milman E, Pourtaheri S, Sinha K, Hwang K, **Emami A**. "Accuracy and Safety of Percutaneous Lumbosacral Pedicle Screw Placement Utilizing Dual-planar Intra-operative Fluoroscopy." *Asian Spine J.* 2018 Apr;12(2):238-245. doi: 10.4184/asj.2018.12.2.238. Epub 2018 Apr 16.

Faloon M, Sahai N, Pierce TP, Dunn CJ, Sinha K, Hwang KS, **Emami A**. "Incidence of Neuraxial Abnormalities Is Approximately 8% Among Patients with Adolescent Idiopathic Scoliosis: A Meta-analysis." *Clin Orthop Relat Res.* 2018 Jul;476(7):1506-1513. doi: 10.1007/s11999.0000000000000196.

Issa K, Diebo BG, Faloon M, Naziri Q, Pourtaheri S, Paulino CB, **Emami A**. "The Epidemiology of Vertebral Osteomyelitis in the United States from 1998 to 2013." *Clin Spine Surg.* 2018 Mar;31(2):E102-E108. doi: 10.1097/BSD.0000000000000597.

Dunn CJ, Mease S, Issa K, Sinha K, **Emami A**. "Low energy chronic traumatic spondylolisthesis of the axis." *Eur Spine J.* 2017 Jul 21. doi: 10.1007/s00586-017-5206-4.

Issa K, Pourtaheri S, Stewart T, Faloon M, Sahai N, Mease S, Sinha K, Hwang K, **Emami A**. "Clinical Differences Between Monomicrobial and Polymicrobial Vertebral Osteomyelitis." *Orthopedics.* 2017 Mar 1;40(2):e370-e373. doi: 10.3928/01477447-20161108-05.

Pourtaheri S, Issa K, Stewart T, Patel Y, Sinha K, Hwang K, **Emami A**. "When Do You Drain Epidural Abscesses of the Spine?" *Surg Technol Int.* 2016 Oct 26;29:374-378.

Issa K, Pourtaheri S, Vijapura A, Stewart T, Sinha K, Hwang K, **Emami A**. "Delay in Diagnosis of Vertebral Osteomyelitis Affects the Utility of Cultures." *Surg Technol Int.* 2016 Oct 26;29:379-383.

**Emami A**, Faloon M, Issa K, Shafa E, Pourtaheri S, Sinha K, Hwang KS. "Minimally Invasive Transforaminal Lumbar Interbody Fusion in the Outpatient Setting." *Orthopedics.* 2016 Nov 1;39(6):e1218-e1222. doi: 10.3928/01477447-20160721-04. Epub 2016 Aug 3.

Sahai N, Hwang KS, **Emami A**. "Guillain-Barré syndrome following elective spine surgery." *Eur Spine J*. 2017 May;26(Suppl 1):6-8. doi: 10.1007/s00586-016-4577-2. Epub 2016 May 9.

Pourtaheri S, Issa K, Stewart T, Shafa E, Ajiboye R, Buerba RA, Lord E, Hwang K, Mangels D, **Emami A**. "Comparison of Instrumented and Noninstrumented Surgical Treatment of Severe Vertebral Osteomyelitis." *Orthopedics*. 2016 May 1;39(3):e504-8. doi: 10.3928/01477447-20160427-07. Epub 2016 May 2.

Pourtaheri S, Issa K, Lord E, Ajiboye R, Drysch A, Hwang K, Faloon M, Sinha K, **Emami A**. "Paraspinal Muscle Atrophy After Lumbar Spine Surgery." *Orthopedics*. 2016 Mar-Apr;39(2):e209-14. doi: 10.3928/01477447-20160129-07. Epub 2016 Feb 3.

Pourtaheri S, Billings C, Bogatch M, Issa K, Haraszti C, Mangel D, Lord E, Park H, Ajiboye R, Ashana A, **Emami A**. "Outcomes of Instrumented and Noninstrumented Posterolateral Lumbar Fusion." *Orthopedics*. 2015 Dec;38(12):e1104-9. doi: 10.3928/01477447-20151120-07.

Pourtaheri S, Hwang K, Faloon M, Issa K, Mease SJ, Mangels D, Sinha K, **Emami A**. "Ultra-low-dose recombinant human bone morphogenetic protein-2 for 3-level anterior cervical discectomy and fusion." *Orthopedics*. 2015 Apr;38(4):241-5. doi: 10.3928/01477447-20150402-04.

Pourtaheri S, **Emami A**, Stewart T, Hwang K, Issa K, Harwin SF, Mont MA. "Hip flexion contracture caused by an intraspinal osteochondroma of the lumbar spine." *Orthopedics*. 2014 Apr;37(4):e398-402. doi: 10.3928/01477447-20140401-64.

Pourtaheri S, **Emami A**, Hwang K, Allert J, Brothers A, Issa K, Mont MA. "Cervical corpectomy with ultra-low-dose rhBMP-2 in high-risk patients: 5-year outcomes." *Orthopedics*. 2013 Dec;36(12):931-5.

Pourtaheri S, **Emami A**, Sinha K, Faloon M, Hwang K, Shafa E, Holmes L Jr. "The role of magnetic resonance imaging in acute cervical spine fractures." *Spine J*. 2014 Nov 1;14(11):2546-53. doi:10.1016/j.spinee.2013.10.052. Epub 2013 Nov 22.

**Emami A**, Deviren V, Berven S, Smith JA, Hu SS, Bradford DS. "Outcome and complications of long fusions to the sacrum in adult spine deformity: luque-galveston, combined iliac and sacral screws, and sacral fixation." *Spine (Phila Pa 1976)*. 2002 Apr 1;27(7):776-86.

Deviren V, Berven S, Smith JA, **Emami A**, Hu SS, Bradford DS. "Excision of hemivertebrae in the management of congenital scoliosis involving the thoracic and thoracolumbar spine" *JBS Br*. 2001 83(4): 496-500.

### **Text Book Chapters:**

Robbins J, Pourtaheri S, **Emami A**. "Cervical Screw Placement." *Spine Surgery: Tricks of the Trade 3<sup>rd</sup> Edition*. Chapter 13.

Pourtaheri S, Hwang K, **Emami A.** "MIS Tubular Posterior Cervical Decompressive Techniques." Spine Surgery: Tricks of the Trade 3<sup>rd</sup> Edition. Chapter 77.

**Emami, A.,** Rhee, J., Hu, S., "**Anterior Kyphoscoliosis Surgery: Release and Strut Grafting.**" Text Book: *Modern Anterior Spine Surgery*. Editors: Lenke, L., Betz, R., Harms, J., *Quality Medical Publishers*.

### **National and International Scientific Presentations:**

Sahai N, Changoor S, Dunn C, Issa K, Faloon M, Sinha K, Hwang K, **Emami A.** Minimally-invasive posterior cervical foraminotomy as an alternative to anterior cervical discectomy and fusion for unilateral cervical radiculopathy. Cervical Spine Research Society Annual Meeting. New York, NY. 2019.

Changoor S, Faloon M, Dunn C, Sahai N, Sinha K, Hwang K, **Emami A.** Does obesity affect long-term outcomes of lateral lumbar interbody fusion? Eastern Orthopaedic Association Annual Meeting. Palm Beach, FL. 2019.

Sahai N, Changoor S, Dunn C, Faloon M, Sinha K, Hwang K, **Emami A.** Minimally-invasive posterior cervical foraminotomy as an alternative to ACDF for unilateral cervical radiculopathy: A Meta-Analysis. Eastern Orthopaedic Association Annual Meeting. Palm Beach, FL. 2019. (Mark J. Levine, MD Donor Award)

Faloon M, Changoor S, Sahai N, Dunn C, Sinha K, Hwang K, **Emami A.** Two attending surgeons improve outcomes of anterior cervical discectomy and fusion. Eastern Orthopaedic Association Annual Meeting. Palm Beach, FL. 2019. (Kevin D. Plancher, MD, MPH Donor Award)

Faloon M, Dunn C, Kurowicki J, Issa K, Long C, Changoor S, Sinha K, Hwang KS, **Emami A.** Complications of Anticoagulation Therapy in Patients with Cervical Fractures. Eastern Orthopaedic Association Annual Meeting, Palm Beach, FL. 2019.

Dunn C, Issa K, Changoor S, Sinha K, Faloon M, Hwang KS, **Emami A.** Comparing Lumbar Spinal Fusion Perioperative Morbidity and Mortality by Approach. Eastern Orthopaedic Association Annual Meeting, Palm Beach, FL. 2019.

Faloon M, Issa K, Changoor S, Kurowicki J, Sinha K, Hwang K, **Emami A.** The epidemiology of vertebral osteomyelitis requiring surgical intervention in the United States from 1998-2013. Eurospine Annual Meeting. Helsinki, Finland. 2019.

Faloon M, Dunn C, Issa K, Changoor S, Sinha K, Hwang K, **Emami A.** Does percutaneous lumbosacral pedicle screw instrumentation prevent long term adjacent segment disease? Eurospine Annual Meeting. Helsinki, Finland. 2019.

Faloon M, Changoor S, Sahai N, Dunn C, Sinha K, Hwang K, **Emami A.** Two attending surgeons improve outcomes of anterior cervical discectomy and fusion. Eurospine Annual Meeting. Helsinki, Finland. 2019.

Faloon M, Changoor S, Sahai N, Dunn C, Sinha K, Hwang K, **Emami A**. Does obesity affect long-term outcomes of lateral lumbar interbody fusion? Eurospine Annual Meeting. Helsinki, Finland. 2019.

Faloon M, Dunn C, Kurowicki J, Issa K, Long C, Changoor S, Sinha K, Hwang KS, **Emami A**. Complications of Anticoagulation Therapy in Patients with Cervical Fractures. Eurospine Annual Meeting. Helsinki, Finland. 2019.

Faloon M, Changoor S, Sahai N, Dunn C, Sinha K, Hwang K, **Emami A**. Two attending surgeons improve outcomes of anterior cervical discectomy and fusion. North American Spine Society 34th Annual Meeting. Chicago, IL. 2019.

Sahai N, Changoor S, Dunn C, Issa K, Faloon M, Sinha K, Hwang K, **Emami A**. Minimally-invasive posterior cervical foraminotomy as an alternative to anterior cervical discectomy and fusion for unilateral cervical radiculopathy. North American Spine Society 34th Annual Meeting. Chicago, IL. 2019.

Changoor S, Faloon M, Dunn C, Sahai N, Sinha K, Hwang K, **Emami A**. Does obesity affect long-term outcomes of lateral lumbar interbody fusion? IMAST 26<sup>th</sup> Annual Meeting. Amsterdam, Netherlands. 2019.

Dunn C, Kurowicki J, Issa K, Faloon M, Long C, Sinha K, Hwang KS, **Emami A**. "Complications of Anticoagulation Therapy in Patients with Cervical Fractures." AAOS Annual Meeting, Las Vegas, NV. 2019.

Blaskiewicz DJ, Ali MH, Billys J, Dorsi MJ, **Emami A**, Karikari IO, Khanna N, Laxer EB, Orndorff DG, Pollina J, Prasher A, Schroerlucke SR, Segebarth PB, Chapman TM, Tohmeh A, Uribe JS, Youseff JA. "Preoperative lumbosacral alignment and its correlation to lordosis change in one- and two- level degenerative fusions." NASS Annual Meeting, Los Angeles, CA. 2018.

Blaskiewicz DJ, Ali MH, Billys J, Dorsi MJ, **Emami A**, Karikari IO, Khanna N, Laxer EB, Orndorff DG, Pollina J, Prasher A, Schroerlucke SR, Segebarth PB, Chapman TM, Tohmeh A, Uribe JS, Youseff JA. "Preoperative lumbosacral alignment and its correlation to lordosis change in one- and two- level degenerative fusions." SOLAS Annual Meeting, San Diego, CA. 2018.

Dunn C, Faloon M, Moore J, Hussain A, Sinha K, Hwang KS, Emami A. "Lateral Lumbar Interbody Fusion in Adult Scoliosis." EOA Annual Meeting, Amelia Island, FL. 2018.

Dunn C, Faloon M, Moore J, Hussain A, Sinha K, Hwang KS, Emami A. "Lateral Lumbar Interbody Fusion in Adult Scoliosis" SMISS Annual Forum, Las Vegas, NV. 2018.

Dunn C, Issa K, Faloon M, Sinha G, Hwang KS, **Emami A**. "Cerebral Vascular Attacks in Cervical Spinal Fusion." NASS Annual Meeting, Los Angeles, CA. 2018.

Dunn C, Issa K, Moore J, Sahai N, Faloon M, Sinha K, Hwang KS, Emami, A. "Minimally Invasive Posterior Cervical Foraminotomy (mis-PCF) with Tubes Prevents Undesired Fusion with Long Term Follow-Up." CSRS Annual Meeting, Scottsdale, AZ. 2018.

Dunn C, Issa K, Moore J, Sahai N, Faloon M, Sinha K, Hwang KS, **Emami, A.** "Minimally Invasive Posterior Cervical Foraminotomy (mis-PCF) with Tubes Prevents Undesired Fusion with Long Term Follow-Up" IMAST 2018, Los Angeles, CA. 2018.

Dunn C, Issa K, Moore J, Sahai N, Faloon M, Sinha K, Hwang KS, Emami, A. "Minimally Invasive Posterior Cervical Foraminotomy (mis-PCF) with Tubes Prevents Undesired Fusion with Long Term Follow-Up." CSRS-Europe Annual Meeting, Lisbon, Portugal. 2018.

Dunn C, Issa K, Moore J, Sahai N, Faloon M, Sinha K, Hwang KS, **Emami, A.** "Minimally Invasive Posterior Cervical Foraminotomy (mis-PCF) with Tubes Prevents Undesired Fusion with Long Term Follow-Up" NASS Annual Meeting, Los Angeles, CA. 2018.

Dunn C, Sahai N, Hussain A, Faloon M, Sinha K, Hwang KS, **Emami A.** "Allograft Cellular Bone Matrix vs Ultra-Low-Dose Recombinant Bone Morphogenetic Protein-2 for 3-Level Anterior Cervical Discectomy and Fusion" EOA Annual Meeting, Amelia Island, FL. 2018.

**Emami A,** Abdelgadir J, Ali MH, Tresser SJ, Billys J, Blaskiewicz DJ, Bundy JV, Eastlack RK, Gottfried ON, Howes GA, Kanter AS, Karikari IO, Mundis GM, Okonkwo DO, Orndorff DG, Pollina J, Polly DW, Sembrano JN, Tohmeh A, Youssef JA. "The Influence of Alignment Panning on Surgical Plan Changes in Thoracolumbar Spinal Fusions: Interim Multicenter Analysis" NASS Annual Meeting, Los Angeles, CA. 2018.

Faloon M, Dunn C, Issa K, Sahai N, Sinha K, Hwang KS, **Emami A.** "Comparing Lumbar Spinal fusion Perioperative Morbidity and Mortality by Approach Utilizing the National Inpatient Sample (NIS): 2005-2013. EuroSpine Annual Meeting, Barcelona, Spain. 2018.

Faloon M, Dunn C, Kurowicki J, Issa K, Festa A, Scillia A, McInerney V, **Emami A.** "Cervical Spinal Stenosis with Coexisting Rotator Cuff Tear: A Nationwide Review of Records from 2005 to 2014" EOA Annual Meeting, Amelia Island, FL. 2018. (Scott and Mary Boden Travel Grant.)

Faloon M, Dunn C, Kurowicki J, Issa K, Festa A, Scillia A, McInerney V, **Emami A.** "Cervical Spinal Stenosis with Coexisting Rotator Cuff Tear: A Nationwide Review of Records from 2005 to 2014" EuroSpine Annual Meeting, Barcelona, Spain. 2018.

McKinnon W, Faloon M, Cho W, **Emami A,** Dunn C, Shah S. "Golden Mean Skeletal Age Hand Analysis in Adolescent Idiopathic Scoliosis." SRS Annual Meeting, Bologna, Italy. 2018.

Dunn C, Moore J, Issa K, Sahai N, Faloon M, Sinha K, Hwang KS, **Emami A.** "Anterior Cervical Discectomy and Fusion versus Posterior Cervical Foraminotomy." EOA Annual Meeting, Miami, FL. 2017.

Faloon M, Cho W, Shah S, Sinha K, Stadler C, Dunn C, Hwang KS, **Emami A.** "Can postoperative proprioceptive changes predict coronal alignment parameters following surgical correction of AIS? The implication of Cervical Vertical Angle (CVA)."



Issa K, Moore J, Moontasri N, Dunn C, Faloon M, Sinha K, Hwang KS, **Emami A.** "Computed Tomography Angiography in the Setting of Cervical Trauma." CSRS Annual Meeting, Hollywood, FL. 2017.

Issa K, Moore J, Moontasri N, Dunn C, Faloon M, Sinha K, Hwang KS, **Emami A.** "Computed Tomography Angiography in the Setting of Cervical Trauma." EuroSpine Annual Meeting, Dublin, Ireland. 2017.

Issa K, Moore J, Moontasri N, Dunn C, Faloon M, Sinha K, Hwang KS, **Emami A.** "Computed Tomography Angiography in the Setting of Cervical Trauma." NASS Annual Meeting, Orlando, FL. 2017.

Thibaudeau D, Faloon M, Issa K, Pourtaheri S, Sahai N, Dunn C, Sinha K, Hwang KS, **Emami A.** "Pseudoarthrosis Rate in Minimally Invasive Transforaminal Lumbar Interbody Fusion(mTLIF): 2-yr Outcomes vs Open TLIF." Congress of the Brazilian Spine Society, Invited Lecture. Rio, Brazil. 2017.

Thibaudeau D, Faloon M, Issa K, Pourtaheri S, Sahai N, Dunn C, Sinha K, Hwang KS, **Emami A.** "Pseudoarthrosis Rate in Minimally Invasive Transforaminal Lumbar Interbody Fusion (mTLIF): 2-yr Outcomes vs Open TLIF." EOA Annual Meeting, Miami, FL. 2017. (NJ Resident Award)

Brothers A, Faloon M, Dunn C, **Emami A,** Hwang KS, Sinha K, Issa K. "Does Percutaneous Pedicle Screw Instrumentation Prevent Long Term Adjacent Segment Degeneration?" IMAST Annual Meeting, Washington, DC. 2016.

Faloon M, Cho W, Dunn C, **Emami A.** "Can Postoperative Proprioceptive Changes Predict Late Correction Following Surgical Treatment of Adolescent Idiopathic Scoliosis (AIS)?" Global Spine Congress, Milan, Italy. 2016

Issa K, Boylan MR, Faloon M, Pourtaheri S, Naziri Q, Sahai N, Paulino C, **Emami A.** "The Incident Trends, Epidemiology, Mortality and Economic Evaluation of Vertebral Osteomyelitis in the United States: A Nationwide Inpatient Database Study of 283,022 Cases from 1998 to 2010." NASS Annual Meeting, Boston, MA. 2016.

Record N, Sahai N, Faloon M, Hwang KS, Sinha K, **Emami A.** "Multilevel ACDF with Ultra-Low Dose BMP-2 versus Posterior Approach in Multilevel Fusions to the Cervicothoracic Junction." NASS Annual Meeting, Boston, MA. 2016.

Sahai N, Faloon M, Dunn C, Sinha K, Hwang KS, **Emami A.** "Short Segment Fixation of Unstable Thoracolumbar Vertebral Body Fractures with Percutaneous Pedicle Screws." NASS Annual Meeting, Boston, MA. 2016.

**Emami, A,** Pourtaheri S. "Can Minimally Invasive Transforaminal Lumbar Interbody Fusions Be Safely Performed as an Outpatient Procedure?" NASS Annual Meeting, San Francisco, CA 2014.

Pourtaheri S, Billings C, **Emami A.** "Does Instrumentation Improve Outcomes in Posterolateral Lumbar Fusions for a Decompressive Facetectomy: 21-year Follow-up." NASS Annual Meeting, San Francisco, CA 2014.

Pourtaheri S, **Emami A**, Shafa E, Sinha K, Hwang K, Holmes, L. "Morbidity of Neurologic Deficits in Vertebral Osteomyelitis." EOA Annual Meeting, Miami, FL 2013. (Nominee for best clinical paper)

Pourtaheri S, **Emami A**, Shafa E, Sinha K, Hwang K, Holmes, L. "Risk Factors for a Delay in Diagnosis of Vertebral Osteomyelitis." NASS Annual Meeting, New Orleans, LA. 2013.

Pourtaheri S, **Emami A**, Shafa E, Sinha K, Hwang K, Holmes, L. "The Safety of Instrumentation in Vertebral Osteomyelitis." IMAST Annual Meeting, Vancouver, Canada. 2013.

Pourtaheri S, **Emami A**, Shafa E, Sinha K, Hwang K, Holmes, L. "When Do You Drain Epidural and Paravertebral Abscesses of the Spine?" NASS Annual Meeting, New Orleans, LA. 2013.

Pourtaheri S, **Emami A**, Sinha K, Hwang KS. "Paraspinal Muscle Atrophy After Cervical or Lumbar Surgery: What is the evidence?" NASS Annual Meeting, New Orleans, LA. 2013.

Shafa E, **Emami A**, Pourtaheri S, Sinha K, Hwang K. "Selection Criteria and Early Perioperative Outcomes of Minimally Invasive Transforaminal Interbody Fusion in the Outpatient Setting." EOA Annual Meeting, Miami, FL. 2013.

Pourtaheri S, **Emami A**, Allert J, Sinha K, Hwang KS, Holmes, L. "Cervical Corpectomies with Ultra-low Dose Recombinant Bone Morphogenetic Protein-2 in High Risk Patients: Complications and Outcomes." CSRS Annual Meeting, Chicago, IL. 2012.

Pourtaheri S, **Emami A**, Shafa E, Sinha K, Hwang KS, Holmes, L. "The Role Magnetic Resonance Imaging in Acute Cervical Spine Fractures." NASS Annual Meeting, Chicago, IL. 2011.

Faloon M, **Emami A**, Sinha K, Hwang KS. "Anterior Interbody Distraction and Positional Reduction for Intermediate to High Grade Spondylolisthesis: A Clinical & Radiographic Review of a Novel Technique in 24 Cases" IMAST Annual Meeting, Toronto, Canada. 2010.

Faloon M, **Emami A**, Sinha K, Hwang KS. "Safety and Accuracy of Percutaneously Placed Pedicle Screws Using Intraoperative Dual Planar Fluoroscopy" IMAST Annual Meeting, Hong Kong, China. 2008.

Mahmood F, **Emami A**, Faloon M, Sinha K. "Trans-Sacral Interbody In situ Fusion for High Grade Spondylolisthesis" IMAST Annual Meeting Hong Kong, China. 2008.

Mahmood F, **Emami A**, Faloon M, Sinha K. "Trans-Sacral Interbody In situ Fusion for High Grade Spondylolisthesis." SRS Annual Meeting, Hong Kong, China. 2008.

**Emami, A.**, Sinha, K. "Effect of BMP, on long fusion to the sacrum in adults" IMAST Annual Meeting, Paradise Island, Bahamas. 2007.

**Emami, A.**, "Degenerative Adult Lumbar Scoliosis, New Technology" Controversies in Spine Surgery, Las Vegas, NV. 2006.

**Emami, A.**, "Lumbar disc Nucleus Replacement" Controversies in Spine Surgery, Las Vegas, NV. 2006.

**Emami, A.**, Pollata, A., "Effect of Alendronate Sodium on Spinal Fusion, a matched cohort study" IMAST Annual Meeting, Southampton, Bermuda. July 2004.

Berven S, Deviren V, Smith J, **Emami A.** "Maintenance of Mobile Segment in the Lumbar Spine with Endplate Osteotomy and Concave Osteophyte Excision: Clinical and Radiographic Results." AAOS Annual Meeting, San Francisco, CA. 2001.

Berven S, **Emami A.**, Deviren F, Hu S, Bradford D. "Clinical Results of Pedicle Subtraction Osteotomy for Sagittal Plane Deformities." AAOS Annual Meeting, San Francisco, CA. 2001.

Deviren V, **Emami A.**, Berven S, Hu S, Bradford D. "Hemivertebrae Resection for the Management of Thoracic and Thoracolumbar Congenital Deformity." AAOS Annual Meeting, San Francisco, CA. 2001.

**Emami A.**, Deviren V, Berven S, Hu S, Bradford D. "Clinical Results and Complications of Long Fusions to the Sacrum, Luque Galveston vs. Iliac Screws vs. Sacral Screws." AAOS Annual Meeting, San Francisco, CA. 2001.

**Emami A.**, Deviren V, Smith J, Hu S, Bradford D. "Outcome and Complications of Combined Anterior and Posterior Arthrodesis for Adult Lumbar and Thoracolumbar Scoliosis" AAOS Annual Meeting, San Francisco, CA. 2001.

Smith J, Deviren V, **Emami A.**, Bradford D. "Clinical Outcome of Transsacral Interbody Fusion Following Partial Reduction of High Grade Spondylolisthesis." AAOS Annual Meeting, San Francisco, CA. 2001.

Smith J, **Emami A.**, Bradford D. "Clinical Outcome of Transsacral Interbody Fixation for High Grade Spondylolisthesis," AAOS Annual Meeting, San Francisco, CA. 2001.

Berven S, Deviren V, Smith J, **Emami A.** "Maintenance of Mobile Segment in the Lumbar Spine with Endplate Osteotomy and Concave Osteophyte Excision: Clinical and Radiographic Results." NASS Annual Meeting, New Orleans, LA. 2000.

Berven S, Deviren V, Smith J, **Emami A.** "Maintenance of Mobile Segment in the Lumbar Spine with Endplate Osteotomy and Concave Osteophyte Excision: Clinical and Radiographic Results." SRS Annual Meeting, Cairns, Australia. 2000.

Berven S, **Emami A.**, Deviren F, Hu S, Bradford D. "Clinical Results of Pedicle Subtraction Osteotomy for Sagittal Plane Deformities." NASS Annual Meeting, New Orleans, LA. 2000.

Berven S, **Emami A.**, Deviren F, Hu S, Bradford D. "Clinical Results of Pedicle Subtraction Osteotomy for Sagittal Plane Deformities." SRS Annual Meeting, Cairns, Australia. 2000.

Smith J, Deviren V, **Emami A**, Bradford D. "Clinical Outcome of Transsacral Interbody Fusion Following Partial Reduction of High-Grade Spondylolisthesis." NASS Annual Meeting, New Orleans, LA. 2000.

Smith J, Deviren V, **Emami A**, Bradford D. "Clinical Outcome of Transsacral Interbody Fusion Following Partial Reduction of High-Grade Spondylolisthesis." SRS Annual Meeting, Cairns, Australia. 2000.

Smith J, Deviren V, **Emami A**, Hu S, Bradford D. "Anterior Spinal Instrumentation in Adult Scoliosis." NASS Annual Meeting, New Orleans, LA. 2000.

Smith J, Deviren V, **Emami A**, Hu S, Bradford D. "Anterior Spinal Instrumentation in Adult Scoliosis." SRS Annual Meeting, Cairns, Australia. 2000.

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Smith J, **Emami A**, Bradford D, "Clinical Outcome of Transsacral Interbody Fixation for High Grade Spondylolisthesis," SRS Annual Meeting, Cairns, Australia. 2000.

Deviren V, **Emami A**, Berven S, Hu S, Bradford D. "Hemivertebrae Resection for the Management of Thoracic and Thoracolumbar Congenital Deformity." NASS Annual Meeting, New Orleans, LA. 2000.

Deviren V, **Emami A**, Berven S, Hu S, Bradford D. "Hemivertebrae Resection for the Management of Thoracic and Thoracolumbar Congenital Deformity." SRS Annual Meeting, Cairns, Australia. 2000.

**Emami A**, Deviren V, Berven S, Hu S, Bradford D. "Clinical Results and Complications of Long Fusions to the Sacrum, Luque Galveston vs. Iliac Screws vs. Sacral Screws." NASS Annual Meeting, New Orleans, LA. 2000.

**Emami A**, Deviren V, Berven S, Hu S, Bradford D. "Clinical Results and Complications of Long Fusions to the Sacrum, Luque Galveston vs. Iliac Screws vs. Sacral Screws." SRS Annual Meeting, Cairns, Australia. 2000.

**Emami A**, Deviren V, Smith J, Hu S, Bradford D. "Outcome and Complications of Combined Anterior and Posterior Arthrodesis for Adult Lumbar and Thoracolumbar Scoliosis" NASS Annual Meeting, New Orleans, LA. 2000.

**Emami A**, Deviren V, Smith J, Hu S, Bradford D. "Outcome and Complications of Combined Anterior and Posterior Arthrodesis for Adult Lumbar and Thoracolumbar Scoliosis" SRS Annual Meeting, Cairns, Australia. 2000.

**Emami A**, Phillips, F. "Treatment of Experimental Lumbar Intervertebral Disc Degeneration with Autologous Disc Chondrocyte Transplantation." Mid America Orthopaedic Society, Bermuda. 1998.

Phillips C, **Emami A**. "Independent Excursion of Flexor Digitorum Profundus Tendon in Human Cadaver." AAOS Annual Resident Meeting, Sacramento, CA 1998

Reuben J, Phillips F, **Emami A.** "Intervertebral Disc Degeneration Adjacent to Lumbar Inter-Transverse Process Spinal Fusion." NASS Annual Meeting, San Francisco, CA. 1998.

### **Media/Periodical Appearances**

ABC News: Sisters Undergo Side-by-Side Surgery to Correct Spines in New Jersey (6/2014)

HBO: Real Sports (2010)

Herald News: Zainab's Journey - An Iraqi Girl Travels to Clifton for Life-Changing Surgery (7/2007)

NBC News: Scoliosis Surgery (4/2006)

NBC News: Interview with Max Gomez, complex scoliosis surgery, (8/2005)

Canal 12 News: First Artificial Lumbar Disc Replacement Surgery in New Jersey (2/2005)

Star ledger: First Artificial Lumbar Disc Replacement In New Jersey (2/2005)

Fox National News: Interview with Melanie Crone, Lumbar Artificial Disc Replacement Vs. Spinal Fusion (12/2004)

M.D. News, Central NJ Edition: University Spine Center – Performing Spinal Fusion Surgeries Using a Revolutionary, Minimally Invasive Approach (2008)

M.D. News, NJ – Morris, Essex, and Union Edition: Arash Emami, M.D. – Surgical Advancements in the Correction of Spinal Disorders (2004)

### **Volunteer Organizations**

Butterfly Foundation

Medical Mission to Vietnam, 12/2008

Medical Mission to Dominic Republic, 10/2009

Medical Mission to Dominic Republic, 10/2010

PAST

Physician consultant 2009-2014

New York Rangers Hockey Team, Consulting Spine Surgeon