# *C u r r i c u l u m V i t a e*

Benjamin E. Stein, MD

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# Education and Training

**Union Memorial Hospital,** Department of Orthopaedic Surgery Baltimore, MD

Foot & Ankle Fellowship, 2013-2014

**The Johns Hopkins University,** Department of Orthopaedic Surgery Baltimore, MD

Orthopaedic Surgery Residency 2008-2013

**The George Washington University School of Medicine** Washington, DC

Medical Doctorate, May 2008; Graduated with honors

**The George Washington University** Washington, DC

Bachelor of Arts, May 2003

# Academic Honors and Awards

* 2013: Frank L. Coulson, Jr. Award for Clinical Excellence Johns Hopkins University
* 2012: Appointed as Administrative Chief Resident Johns Hopkins University
* 2009: General Surgery Intern of the Year Award Johns Hopkins University
* 2008: Julius S. Neviaser Award in Orthopaedic Surgery GWU School of Medicine
* 2007: Elected as Junior to Alpha Omega Alpha Honor Society GWU School of Medicine

# Academic Appointments

**The Johns Hopkins University,** Department of Orthopaedic Surgery

Assistant Professor of Orthopaedic Surgery (Part-Time)

# Publications

**Stein BE**, Schon LC. Pes planovalgus in adults – current concepts. Am Acad Ortho Surg. 2014, Instr Course Lect. 2015;64:441-50.

**Stein BE**, Srikumaran U, Tan EW, Freehill MT, Wilckens JH. Lower-extremity peripheral nerve blocks in the perioperative pain management of orthopaedic patients. J Bone Joint Surg Am. 2012;94(22):e167(1-3).

**Stein BE**,Ramji AF, Hassanzadeh H, Wohlgemut JM, Ain MC, Sponseller PD. Cannulated lag screw fixation of displaced lateral condyle fractures is associated with lower rates of open reduction and infection than pin fixation. J of Pediatric Orthopedics. 2015, Jul 17. [Epub ahead of print]

**Stein BE**, Hassanzadeh H, Jain A, Lemma MA, Cohen DB, Kebaish KM. Changing trends in cervical spine fusions in patients with rheumatoid arthritis.Spine (Phila Pa 1976). 2014;39(15): 1178-82.

**Stein BE,** Stroh DA, Schon LC. Outcomes of acute Achilles tendon rupture repair with bone marrow aspirate concentrate augmentation. International Orthopaedics. Int Orthop. 2015 May;39(5):901-5.

**Stein BE**, Miller SD. Hallux varus and rigidus: A motion sparing salvage technique. Tech Foot & Ankle Surg. 2015; 14: 159-163.

**Stein BE**, Greenough WB, III, Mears SC. Management and prevention of recurrent clostridium difficile infection in patients after total joint arthroplasty: a review. Geriatr Orthop Surg Rehabil. 2012 Dec;3(4):157-63.

Srikumaran U, **Stein BE,** Tan EW, Freehill MT, Wilckens JH. Upper-extremity peripheral nerve blocks in the perioperative pain management of orthopaedic patients. J Bone Joint Surg Am. 2013;95(24):e197 (1-13).

Jain A, **Stein BE**, Skolasky RL, Jones LC, Hungerford MW. Total joint arthroplasty in patients with rheumatoid arthritis: a United States experience from 1992 through 2005. J Arthroplasty. 2012;27(6):881-888.

Garzon-Muvdi J, **Stein BE**, Petersen SA, McFarland EG. Postoperative death associated with a reverse prosthesis: a case report and review of the literature. Am J Orthop (Belle Mead NJ). 2013;42(2):84-88.

Hassanzadeh H, Jain A, **Stein BE**, Tan E, Van Hoy M, Stewart N, Lemma M. Compliance with incentive spirometry use. Orthopedics. 2012;35(6):e927-931.

Elboghdady I, Hassanzadeh H, **Stein BE**, An HS. Controversies and potential risk of mesenchymal stem cells application. Seminars in Spine Surgery. 2015; Vol. 27. No. 2. WB Saunders.

Jakoi AM, Old AB, **Stein BE**, Stander EP, Rosenblatt J, Herman MJ. Influence of podiatry on orthopedic surgery at a level I trauma center. Orthopedics. 2014;37(6):e571-e575.

Hassanzadeh H, Jain A, Kebaish KM, Neubauer PR, Mesfin A, **Stein BE**, Ain MC*.* Prevalence of allograft contamination during intraoperative processing for spinal deformity correction surgery. Spine Deform. 2013; 1(5): 348-351.

# Textbook Chapters

**Stein BE**, Schon LC. Pes planovalgus in adults – current concepts. Am Acad Ortho Surg. 2014, Instr Course Lect. 2015;64:441-50.

# Posters and Presentations

**Stein BE**, Stroh DA, Schon LC. Excellent outcomes of acute achilles tendon repair supplemented with autologous concentrated bone marrow aspirate. Maryland Orthopaedic Association (MOA) Annual Meeting, Baltimore, MD. April 12, 2014. Poster Presentation.

**Stein BE**, Hassanzadeh H, Jain A, Lemma M, Cohen D, Skolasky R, Kebaish K. Cervical Spine Fusion in Patients with Rheumatoid Arthritis: A US Experience from 1992 to 2008. American Academy of Orthopaedic Surgeon (AAOS) Annual Meeting, Chicago, IL. March 19-23, 2013. Podium Presentation.

**Stein BE,** Hassanzadeh H, Jain A, Lemma M, Cohen D, Skolasky R, Kebaish K. Cervical spine fusion in patients with rheumatoid arthritis: a US experience from 1992 to 2008. North American Spine Society’s 27th Annual Meeting, Dallas, TX, October 24-27, 2012. Podium Presentation.

**Stein BE**, Srikumaran U, Freehill MT, Wilckens JH. Peripheral nerve blocks in the perioperative pain management of orthopaedic patients. AAOS Annual Meeting, San Diego, CA, February 16-19, 2011. Scientific Exhibit. *Selected for publication in JBJS.*

Tan E, **Stein BE**, Oji DE, Myers SH, Miller SD, Guyton GP, Schon LC. Management of acute traumatic ankle fractures in the neuropathic patient - Recognizing the sweet to avoid the sour. AAOS Annual Meeting, New Orleans, LA, March 11-15, 2014. Scientific Exhibit.

Tanaka MJ, **Stein BE**, Cosgarea AJ, Andrish JT, Fulkerson JP. Complications in MPFL reconstruction. AAOS Annual Meeting, San Diego, CA, February 16-19, 2011. Scientific Exhibit.

Jain A, **Stein BE**, Skolasky RL, Jones LC, Hungerford MW. Total joint arthroplasty in patients with rheumatoid arthritis: a United States experience from 1992 through 2005. *AAOS Annual Meeting, San Diego, CA, February 16-19, 2011.* Poster Presentation.

Hassanzadeh H, Jain A, Neubauer P, Mesfin A, Kebaish K, **Stein BE**, Ain M*.* Incidence of allograft contamination during intraoperative processing in patients with spinal deformity correction surgery. 18th International Meeting on Advanced Spine Techniques (IMAST), Copenhagen, Denmark, July 13-16, 2011. E-Poster.

Hassanzadeh H, Jain A, **Stein BE**, Tan E, Van Hoy M, Stewart N, Lemma M. Compliance With Incentive Spirometry Use. The 28th Annual Meeting of the SOA, Big Island of Hawaii. July 20-23, 2011. Podium Presentation.

Hassanzadeh H, **Stein BE**, Neubauer P, Kebaish K, Jain A, Ain M. Correction of Scoliosis: A Comparison of Single versus Double-Rod Derotation Techniques in Saw-Bone Models. 18th International Meeting on Advanced Spine Techniques (IMAST), Copenhagen, Denmark, July 13-16, 2011. E-Poster.

Pollo FE, **Stein BE**, Komdeur P, Baum BS, Jackson RW. Femoral rollback is a myth. 49th annual meeting of the Orthopaedic Research Society, February 1-4 2003, New Orleans, Louisiana. Poster Presentation.

# Ongoing Research

**Stein BE,** Guyton GP, Schon LC. Biomechanical comparison of Evans and Hintermann lateral column lengthening osteotomies in flatfoot reconstruction. *Study and data collection completed; Manuscript Submitted to FAI.*

# Administrative Service

* 2012-2013: Administrative Chief Resident Johns Hopkins Department of Orthopaedics
* 2009-2013: Resident Representative, Education Committee Johns Hopkins Department of Orthopaedics

# Athletic Team Coverage

* 2014-Currrent: Team Physician Gallaudet University
* 2012-2013: Team Physician Baltimore Orioles
* 2011-2012: Physician Mt. Carmel High School Varsity Football
* 2009-2010: Physician Johns Hopkins University Varsity Sports Pre-Season Physicals
* 2009-2010: Assistant Sideline Physician Johns Hopkins University Varsity Men’s Lacrosse

# Licensing Exams

American Board of Orthopaedic Surgery*; Board-Certified Orthopaedic Surgeon*

Medical Licensure in Maryland and Washington, DC

# Professional Memberships

* Alpha Omega Alpha Honor Medical Society, Member
* American Academy of Orthopaedic Surgeons, Candidate Member
* American Orthopaedic Foot & Ankle Society, Candidate Member

*References available upon request*