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## S SHAR HASHEMI, M.D., F.A.C.S

Board certified, Dual Fellowship Hand & Peripheral Nerve Surgeon



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### Experience

#### Work

Founding Principal, Washington DC Hand & Upper Extremity Ambulatory Surgery Center; Washington, DC—12/2019-Present

Founding Principal, Nerve Bone & Joint Institute PLLC; Washington, DC—08/2012-Present

Associate Surgeon, Dellon Institute of Peripheral Nerve Surgery; Baltimore, MD—08/2010-07/2012

Patient Examiner, United States Patent and Trademark Office; Arlington, VA—02/2002-06/2003

Trained in patent law, chemical structure searches, and medical informatics. Researched emerging technologies pertaining to surgical devices, polymorphisms, nucleic acid amplification, and immunology, nanotechnology, and microfluidic systems.

#### Research

EDS Pelvis Pain Research Group, Peripheral Nerve CDE; New York, NY—2020-Present

New York University Institute of Reconstructive Plastic Surgery; New York, NY—08/2006-08/2008

Craniofacial Researcher led by Court B. Cutting, M.D—06/2003-06/2006  
Staten Island University Hospital; Staten Island, NY—07/2002-06/2003

Bariatric Study Coordinator and Researcher led by Jeffrey Nicastro, M.D. at Johns Hopkins Hospital; Baltimore, MD—06/1999-02/2000

HIPAA/IRB Study Coordinator and Researcher led by Navin K. Singh, M.D. National Institutes of Health; Bethesda, MD—06/1998-05/1999

Cardiomyopathy Research Fellow led by Neal D. Epstein, M.D. National Heart, Lung, & Blood Institute—06/1998-05/1999

Homocysteine Clinical Researcher led by Richard J. Katz, M.D., George Washington University Medical Center; Washington, DC—06/1998-05/1999

#### Leadership

Faculty Interviewer, Office of M.D Admissions of George Washington University School of Medicine—2019-Present

Assistant Clinical Professor, Department of Physician Assistant Studies, George Washington University School of Medicine and Health Sciences; Washington, DC—08/2014-Present

Student Host Coordinator and Student Interviewer, Office of M.D. Admissions of George Washington University School of Medicine—08/1998-08/2000

American Medical Student Association (Reston, VA)—08/1994-05/1996  
National Premedical Trustee; George Washington University Premedical Chapter President

#### Education

George Washington University School of Medicine, Washington, DC--Doctorate of Medicine (MD), 2002

George Washington University, Washington, DC—B.A. in Biology Cum Laude, 1997  
Emory University, Atlanta, GA—1993

#### Licensure

District of Columbia  
Maryland  
Virginia

United Arab Emirates

### Residencies/Fellowships

Peripheral Nerve Fellowship, Dellon Institute of Peripheral Nerve Surgery; Baltimore, MD—08/2009-07/2010

Hand Surgery Fellowship, University of Minnesota; Minneapolis, MN—08/2008-07/2009

General Surgery Residency, Staten Island University Hospital-SUNY Affiliate Staten Island, NY—07/2003—06/2008

### Skill Development

Microvascular surgery training course (Mayo Clinic, Rochester, MN)—10/2008

Basic fracture management course (AO, Toronto, Canada)—11/2008

University of Minnesota Flap Course (Minneapolis, MN)—11/2008

### Certifications

American Heart Association Basic Life Support (CPR and AED) Program—01/2018

### Awards and Accomplishments

- Invited to author a chapter in the first symptom-based book on EDS and HSD—2021
- American College of Surgeons Committee on Trauma: Advanced Trauma Life Support certified
- Staten Island University Hospital Surgery Department's Research Award of the Year 2003-2004; 2005-2006
- National Institutes of Health National Heart, and Blood Institute Intramural Research Training Award
- USTA Mid-Atlantic Ranked Junior Tennis Player
- Invited by Senator Bill Frist, M.D. to "Bioterrorism and Public Funding: A Briefing on Current Threats and Proposed Responses" April 19, 2002
- Presidential Academic Award
- Emory College Award
- George Washington University Dean's List

### Peer-Reviewed Publications

1. Tuffaha SH, Quan A, **Hashemi S**, Parikh P, O'Brien-Coon DM, Broyles JM, Dellon AL, Lifchez SD. Selective Thumb Carpometacarpal Joint Denervation for Painful Arthritis: Clinical Outcomes and Cadaveric Study. *J Hand Surg Am.* 2019 Jan;44(1):64.e1-64.e8.
2. Chhabra A, Belzberg AJ, Rosson GD, Thawait GK, Chalian M, Farahani SJ, Shores JT, Deune G, **Hashemi SS**, Thawait SK, Subhawong TK, Carrino JA. Impact of high resolution 3 tesla MR neurography (MRN) on diagnostic thinking and therapeutic patient management. (2016). *Eur Radiol.* 26(5), 1235-1244.
3. LaPorte D, **Hashemi SS**, Dellon AL. Sensory Innervation of the Triangular Fibrocartilage Complex: A Cadaveric Study. *J Hand Surg.* (2014). 39 (6), P1122-1124.
4. Dellon AL, **Hashemi SS**, Tollstrup TH. (2014). Orchialgia after orchiectomy. *Plast Reconstr Surg.*, 134(6), 998e-999e.
5. Chhabra A, Lee PP, Bizzell C, Faridian-Aragh N, **Hashemi SS**, Belzberg AJ, Carrino JA. (2012). High-resolution 3-Tesla magnetic resonance neurography of musculocutaneous neuropathy. *J Shoulder Elbow Surg.*, 21(2): e1-6.
6. Subhawong TK, Wang KC, Thawait SK, Williams EH, **Hashemi SS**, Machado AJ, Carrino JA, Chhabra A. (2012). High resolution imaging of tunnels by magnetic resonance neurography. *Skeletal Radiol.*, 41(1), 15-31.
7. Williams, E., Rosson, G.D., Hagan, R.R., **Hashemi, S.**, & Dellon, A. (2012). Soleal Sling Syndrome (Proximal Tibial Nerve Compression): Results of Surgical Decompression. *Plastic and Reconstructive Surgery*, 129, 454–462.

8. Thawait SK, Wang K, Subhawong TK, Williams EH, **Hashemi SS**, Machado AJ, Thawait GK, Soldatos T, Carrino JA, Chhabra A. (2012). Peripheral nerve surgery: the role of high-resolution MR neurography. *AJNR Am J Neuroradiol.* 33(2), 203-210.
9. Hui-Chhou HG, **Hashemi SS**, Hoke A, Dellon AL. (2011). Clinical implications of peripheral myelin protein 22 for nerve compression and neural regeneration: a review. *J Reconstr Microsurg,* 27(1), 67-74.
10. Chhabra A, Subhawong TK, Williams EB, Wang KC, **Hashemi SS**, Thawait SK, Carrino JA. (2011). High resolution MR neurography: evaluation before repeat tarsal tunnel surgery. *American Journal of Roentgenology,* 197(1), 175-183.
11. Chhabra A, Williams EB, Subhawong TK, **Hashemi SS**, Wang KC, Carrino JA. (2011). MR Neurography findings of soleal sling entrapment. *AJR Am J Roentgenol,* 196(3), W290-W297.
12. Dellon, A., Williams, E., Rosson, G.D., **Hashemi, S.**, Tollestrup, T., Hagen, R., Peled, Z., Furtmüller, G.J., & Ebmer, J. (2011). Denervation of the Periosteal Origin of the Adductor Muscles in Conjunction with Adductor Fasciotomy in the Surgical Treatment of Refractory Groin Pull. *Plastic and Reconstructive Surgery,* 128, 926–932.
13. Rosson GD, Williams EH, Dellon AL, **Hashemi SS**, Manson PN. (2010). Painful pelvic constriction band syndrome: a case report. *Annals of Plastic Surgery,* 66(1), 80-83.
14. Nguyen, A.T., **Hashemi, S.**, Castellano, M., Eisenbraun, M., & Coppa, G. (2009). A New Subtype of Hodgkin's Lymphoma, Syncytial Nodular Sclerosing: First Case Report of Primary Small Bowel Lymphoma. *Journal of Gastrointestinal Cancer,* 40, 38-40.
15. Zhang X, **Hashemi SS**, Yousefi M, Gao C, Sheng J, Mason J, Man YG. (2009). Atypical E-cadherin expression in cell clusters overlying focally disrupted mammary myoepithelial cell layers: implications for cell motility and invasion. *Pathol Res Pract.,* 205(6), 375-385.
16. Zhang X, **Hashemi SS**, Yousefi M, Gao C, Sheng J, Mason J, Man YG. (2008). Aberrant Expression of c-erbB2 in cell clusters overlying focally disrupted mammary myoepithelial cell layers: a trigger or sign for emergence of more aggressive cell clones? *Int J Biol Sci,* 4(5), 259-269.

### Poster Sessions

1. Lannom, L., **Hashemi SS**. Ehlers-Danlos Syndrome (EDS) and Peripheral Nerve Entrapment: A Review of Current Literature. Abstract presented at eEANS2020 Beyond Borders Meeting October 2020.
2. Lannom, L., **Hashemi SS**. Using electrophysiological studies and neurological assessment as pre- and post-operative outcome measures following periacetabular osteotomy (PAO): assessing transient and permanent neuropraxia to evaluate long-term effects. . Abstract presented at eEANS2020 Beyond Borders Meeting October 2020.
3. Yousefi M, **Hashemi S**, Man Y,.Improved double immunohistochemistry for differential diagnosis and early detection of skin tumor invasion. Abstract presented at International Society for Dermatopathology 11th Joint Meeting January 2008.
4. Yousefi M, **Hashemi S**, Man Y. Elevated infiltration of leukocytes and mast cells in melanoma tissues: Implication for tumor development and progression. Abstract presented at International Society for Dermatopathology 11th Joint Meeting January 2008.
5. Obaid S, **Hashemi S**, Grayson B, Cutting C, Brecht L. Reduced Need for Alveolar Bone Grafting by Presurgical Orthopedics and Primary Gingivoperiosteoplasty in Patients with Bilateral Clefts of the Lip, Alveolus, and Palate, Presented to American Society of Plastic Surgeons October 2007 Meeting and American Cleft Palate-Craniofacial Association 2008 Annual Meeting.
6. El-Bizri R, **Hashemi S**, Chebbo A, Bekheit S. "Electrical Storm in Amiodarone-induced hyperthyroidism." Submitted to American College of Physicians 2007 Annual Session.
7. **Hashemi S**, Folek J, Choy C, McMullen H, Nicastro J, Coppa G. "The Implementation of a Multidisciplinary Bariatric Meeting for Prospective High Risk Bariatric Surgical Patients: The Process and its Rewards." Presented at The Society of American Gastrointestinal and Endoscopic Surgeons 2006 Annual Meeting. April 2006, Dallas, TX.

8. Nicastro J, **Hashemi S**, Folek J, Choy C, McMullen H, Coppa G. "A Prospective Analysis of the Incidence Deep Venous Thrombosis (DVT) in Bariatric Surgery." Presented at The American College of Surgeons 90th Annual Clinical Congress. October 2004, New Orleans, LA.
9. Nicastro J, McMullen H, Coppa G, Bianchi S, Barthelemy E, **Hashemi S**. "The Relationship between Age and Weight Loss in Duodenal Switch Surgery." Presented at International Federation for the Surgery of Obesity European Symposium. May 2004, Prague, Czech Republic.
10. Singh NK, **Hashemi S**, Manson PN. "HIPAA/IRB Regulations: Pitfalls for the Aesthetic Surgeon/Investigator." Presented at American Society for Aesthetic Plastic Surgery/Aesthetic Meeting. May 2003, Boston, MA.
11. Singh NK, **Hashemi S**, Manson PN. "Creating a Template for Outcomes Research in Aesthetic Surgery." Presented at American Society for Aesthetic Plastic Surgery/Aesthetic Meeting. May 2003, Boston, MA.
12. Katz RJ, **Hashemi S**, Phillips TM, Mak IT. "Homocysteine, Pro-oxidant Stress, Endothelial Dysfunction," American Heart Association. November 2000.

### Presentations

1. CRPS lecture to Georgetown neurosurgical faculty; Washington, DC. June 25<sup>th</sup>, 2020.
  2. Introduction to hand/nerve surgery for the ED team: Inova Alexandria ED. July 26<sup>th</sup>, 2018.
  3. Endo 2012 Annual Endocrinology Meeting (Houston, TX). Tinel Signs in Diabetics: Cross-sectional study. June 24<sup>th</sup> 2012
  4. American Academy of Orthopaedic Surgeons Annual Meeting (San Francisco, CA). Sensory Innervation of the Triangular Fibrocartilage Complex: Anatomic basis for partial TFCC denervation for Type IA injuries. February 8<sup>th</sup> 2012.
  5. American Society for Peripheral Nerve 2012 Meeting (Las Vegas, NV). Prevalence of Upper and Lower Extremity Tinel Signs in Diabetics: Cross-sectional study from a United States, Urban, Hospital-based population. January 1<sup>st</sup> 2012.
  6. Johns Hopkins Hospital Physical Medicine and Rehabilitation Department (Baltimore, MD). Chronic Nerve Compression of the Upper Extremity. September 6<sup>th</sup> 2011.
  7. National Medical Association National Meeting Orthopaedic Subsection (Washington, DC). Evaluation and treatment of pain after Total Knee Arthroplasty. July 25<sup>th</sup> 2011.
  8. Institute for Foot and Ankle Reconstruction (Mercy Hospital, Baltimore, MD). Essentials of Peripheral Nerve Surgery Part I. June 3<sup>rd</sup> 2011.
  9. Maryland SportsCare and Rehab (Pikesville, MD). Essentials of Peripheral Nerve Surgery Part I. May 11<sup>th</sup> 2011.
  10. Johns Hopkins Hospital Physical Medicine and Rehabilitation Department lecture (Baltimore, MD). Common conditions of the Hand and Wrist. February 11<sup>th</sup> 2011.
  11. American Association of Hand Surgery National Meeting (Cancun, Mexico). Sensory Innervation of the Trapeziometacarpal Joint. January 14<sup>th</sup> 2011.
  12. Dubai Bone and Joint (Dubai, UAE). Introduction to Peripheral Nerve Surgery for the Orthopedic Surgeon. September 26<sup>th</sup> 2010.
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