Navin Kumar Singh, M.D., M.B.A., M.S., FACS



University Appointments

| | The Johns Hopkins University School of Medicine |
|---|---|
| | Director of Resident Cosmetic Surgery Education |
| | Residency Program Director(2006-2007)Director of Breast Reconstruction(2005-2007) |
| | Assistant Professor of Plastic Surgery Assistant Professor of Neurosurgery and Gynecology |
| Business Address | Ivy Plastic Surgery: a Private Practice 5454 Wisconsin Avenue, Suite 1710 Chevy Chase, MD 20815 301-654-2030 www.IvyPlasticSurgery.com |
| | Plastic Surgery Advisors: a Consultancy/Think Tank 4200 Wisconsin Avenue, NW, #106-356 Washington, DC 20016-2143 <u>www.PlasticSurgeryAdvisors.com</u> |
| Education and Training | |
| | |
| High School | |
| High School 1983-1986 | STUYVESANT HIGH SCHOOL FOR MATH AND SCIENCE New York, New York |
| 8 | New York, New York High School Diploma, <i>Phi Beta Kappa</i> , GPA 98.4, |
| 8 | New York, New York |
| 1983-1986 | New York, New York High School Diploma, <i>Phi Beta Kappa</i> , GPA 98.4, Class Rank: 3 rd out of 700 BROWN UNIVERSITY - THE COLLEGE |
| 1983-1986 Undergraduate | New York, New York High School Diploma, <i>Phi Beta Kappa</i> , GPA 98.4, Class Rank: 3 rd out of 700 BROWN UNIVERSITY - THE COLLEGE Providence, Rhode Island |
| 1983-1986 Undergraduate | New York, New York High School Diploma, <i>Phi Beta Kappa</i> , GPA 98.4, Class Rank: 3 rd out of 700 BROWN UNIVERSITY - THE COLLEGE Providence, Rhode Island A.B., Mathematics, <i>magna cum laude</i> , GPA 4.0 |
| 1983-1986 Undergraduate 1986-1990 | New York, New York High School Diploma, <i>Phi Beta Kappa</i> , GPA 98.4, Class Rank: 3 rd out of 700 BROWN UNIVERSITY - THE COLLEGE Providence, Rhode Island |
| 1983-1986 Undergraduate | New York, New York High School Diploma, <i>Phi Beta Kappa</i> , GPA 98.4, Class Rank: 3 rd out of 700 BROWN UNIVERSITY - THE COLLEGE Providence, Rhode Island A.B., Mathematics, <i>magna cum laude</i> , GPA 4.0 |
| 1983-1986 Undergraduate 1986-1990 Graduate | New York, New York High School Diploma, <i>Phi Beta Kappa</i> , GPA 98.4, Class Rank: 3 rd out of 700 BROWN UNIVERSITY - THE COLLEGE Providence, Rhode Island A.B., Mathematics, <i>magna cum laude</i> , GPA 4.0 A.B., Philosophy, <i>magna cum laude</i> , GPA 3.7 BROWN UNIVERSITY ALPERT MEDICAL SCHOOL Providence, Rhode Island |
| 1983-1986 Undergraduate 1986-1990 Graduate | New York, New York High School Diploma, <i>Phi Beta Kappa</i> , GPA 98.4, Class Rank: 3 rd out of 700 BROWN UNIVERSITY - THE COLLEGE Providence, Rhode Island A.B., Mathematics, <i>magna cum laude</i> , GPA 4.0 A.B., Philosophy, <i>magna cum laude</i> , GPA 3.7 BROWN UNIVERSITY ALPERT MEDICAL SCHOOL |
| 1983-1986 Undergraduate 1986-1990 Graduate | New York, New York High School Diploma, <i>Phi Beta Kappa</i> , GPA 98.4, Class Rank: 3 rd out of 700 BROWN UNIVERSITY - THE COLLEGE Providence, Rhode Island A.B., Mathematics, <i>magna cum laude</i> , GPA 4.0 A.B., Philosophy, <i>magna cum laude</i> , GPA 3.7 BROWN UNIVERSITY ALPERT MEDICAL SCHOOL Providence, Rhode Island M.D., Program in Liberal Medical Education |

JOHNS HOPKINS UNIVERSITY Baltimore, MD M.B.A., Medical Services Management, GPA 3.9

Postdoctoral Training

| THE JOHNS HOPKINS HOSPITAL Baltimore, Maryland General Surgery (John L. Cameron, M.D.) |
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| THE JOHNS HOPKINS HOSPITAL THE UNIVERSITY OF MARYLAND Baltimore, Maryland Plastic Surgery Residency (Paul N. Manson, M.D., Nelson H. Goldberg, M.D.) |
| |
| The Johns Hopkins University School of Medicine Clinical Instructor in Surgery, Division of Plastic Surgery |
| UMMS R Adams Cowley Shock Trauma Center Assistant Professor of Surgery, Division of Plastic Surgery |
| The Johns Hopkins University School of Medicine Clinical Assistant Professor of Surgery, Division of Plastic Surgery |
| The Johns Hopkins University School of Medicine Assistant Professor of Surgery, Division of Plastic Surgery |
| Johns Hopkins Hospital GW University Hospital |
| |
| Sibley Memorial Hospital |
| Suburban Hospital and Outpatient Center |
| Holy Cross Hospital |
| Shady Grove Hospital |
| Center for Ambulatory Surgery, Inc. CASI |
| Laurel Regional Hospital |
| |

Peer-reviewed Original Research

- 1. Heitmiller RF, Gruber PJ, Swier P, **Singh N**. Long-segment substernal jejunal esophageal replacement with internal mammary vascular augmentation. *Diseases of the Esophagus*. 2000;(13), 240-242.
- 2. Nahabedian MY, Dooley W, **Singh N**, Manson P. Contour abnormalities of the abdomen after breast reconstruction with abdominal flaps: the role of muscle preservation. *Plastic and Reconstructive Surgery*. Jan. 2002; Vol. 109 No. 1, 91-101.
- 3. Tu AT, Girotto JA, Singh N, Dufresne CR, Robertson BC, Seyfer AE, Manson PN, Iliff N. Facial fractures from dog bite injuries. *Plastic and Reconstructive Surgery*. Apr. 2002;Vol.109 No. 4, 1259-1265.
- 4. Singh N, Robertson BC, Dellon A Lee. Use of an innervated tongue flap to rehabilitate the tongue after hypoglossal to facial nerve transfer. *Plastic and Reconstructive Surgery*. Jun 2002; Vol. 109 No. 7, 2439-2442.
- Chevray PM, Singh NK. Abdominal wall reconstruction with the free tensor fascia lata myofasciocutaneous flap using intraperitoneal gastroepiploic recipient vessels. *Annals of Plastic Surgery*. July 2003;51(1):97-102.
- 6. Girotto JA, Chiaramonte M, Menon G, Singh NK, Tufaro AP, Nahabedian M, Goldberg NH, Manson PN. Recalcitrant abdominal wall hernias: long-term superiority of autologous tissue repair. *Plast Reconstr Surg*. 2003 Jul;112(1):106-14.
- Silverman RP, Singh NK, Li, EN, Disa, JJ, Girotto JA, Slezak, S, Goldberg NH. Restoring abdominal wall integrity in contaminated tissuedeficient wounds using autologous fascia grafts. *Plast and Reconstructive Surgery*. 2004 Feb; 113(2): 673-5.
- 8. Nahabedian MY, **Singh NK**, Deune EG, Silverman RP, Tufaro AP. Recipient vessel analysis for microvascular reconstruction of the head and neck. *Annals of Plastic Surgery*. 2004 Feb;52(2):148-55.
- Schreiber JE, Girotto JA, Mofid MM, Singh NK, Nahabedian MY. Comparison Study of Nipple-Areolar Sensation After Reduction Mammaplasty. *Aesthetic Surgery Journal*. July 2004 (Vol. 24, Issue 4, Pages 320-323).
- 10. Holton, LH, Rodriguez, ED, Silverman, RP, **Singh, NK**, Tufaro, AP, Grant, MP. The Buccal Fat Pad for periorbital reconstruction: a cadaver dissection and report of two cases. *Plast and Reconstructive Surgery*, 2004 Nov;114(6):1529-33.
- Luther H. Holton III, MD, Daniel Kim, BS, Ronald P. Silverman, MD, Eduardo D. Rodriguez, DDS, MD, Navin Singh, MD and Nelson H. Goldberg, MD. Human Acellular Dermal Matrix for Repair of Abdominal Wall Defects: Review of Clinical Experience and Experimental Data. *Journal of Long-Term Effects of Medical Implants*. Issue 5, Vol. 15, 2005, pp. 547-558.
- 12. Rosson, GD, Holton, LH., Silverman, RP, Singh, NK, Nahabedian, MY. Internal Mammary Perforators: A Cadaver Study. *Journal of Reconstructive Microsurgery*, Vol. 21, No. 4, pp. 239-242. May 2005.
- 13. Schreiber, JE, **Singh, NK**, Klatsky, SA. Beauty Lies in the "Eyebrow" of the Beholder: A Public Survey of Eyebrow Aesthetics, accepted for publication *Aesthetic Surgery Journal*, July 2005 Vol. 25, Issue 4, Pages 348-352.
- 14. Katz, R, Rosson, G, Taylor, J, **Singh, NK**. Robotics in Microsurgery: Use of a Surgical Robot to Perform a Free Flap in a Pig. Accepted for publication, *Microsurgery*, pp.566-569, Sep 21, 2005.
- 15. Katz, R., Taylor, J., Rosson, G., Brown, R., **Singh, NK**. "Robotics in Plastic and Reconstructive Surgery: Use of a Telemanipulator Slave Robot to Perform Microvascular Anastomoses." *Journal of Reconstructive Microsurgery*. 2006 Jan;22(1):53-7.
- Schreiber, J, Singh, NK, Shermack, MA. The Effect of Liposuction and Diet on Ghrelin, Adiponectin, and Leptin Levels in Obese Zucker Rats. *Plast and Reconstructive Surgery*. Plast Reconstr Surg. 2006 May;117(6):1829-35.
- Mofid, MM, Klatsky, SA, Singh, NK, Nahabedian, MY. Nipple-Areola Complex Sensitivity After Primary Breast Augmentation: A Comparison of Peri-Areolar and Inframammary Incision Approaches. *Plast and Reconstructive Surgery*. Plast Reconstr Surg. 2006 May;117(6):1694-8.
- 18. Taylor, JA, Katz, R, Singh, NK. A Novel Approach to Microvascular Anastomosis: Use of the U-Clip for Micro-arterial Repair. Submitted *Journal of Reconstructive Microsurgery*, Sep 2004.
- Gedge D. Rosson, Navin K Singh, Multilevel Analysis of the Impact of Community versus Patient Factors on Access to Immediate Breast Reconstruction Following Mastectomy in the State of Maryland Accepted for Publication, Archives of Surgery 2007
- Infection Following Augmentation Gluteoplasty in a Pregnant Patient. Michael Alperovich, Jeffrey E. Schreiber, Navin K. Singh. Accepted to Aesthetic Surgery Journal, 2/8/2007
- Cornblatt BS, Ye L, Dinkova-Kostova AT, Erb M, Fahey JW, Singh NK, Chen MS, Stierer T, Garrett-Mayer E, Argani P, Davidson NE, Talalay P, Kensler TW, Visvanathan K. Preclinical and clinical evaluation of sulforaphane for chemoprevention in the breast. Carcinogenesis. 2007 Jul;28(7):1485-90. Epub 2007 Mar 7.

Book Chapters

- 1. Silverman, RP, **Singh**, **NK**, Goldberg, NH. Vaginal Reconstruction. In McCarthy, J.G., Galiano, R., Boutros, S.: *Current Therapy in Plastic Surgery*, W.B. Saunders, Philadelphia, PA.
- 2. Singh, NK, Manson, PN. The Management of Facial Injuries. In Cameron, J: Current Surgical Therapy, 7th Edition, Mosby, 2001.
- 3. Singh, NK. The Management of Cold Injury. In Cameron, J: Current Surgical Therapy, 8th Edition, Mosby, 2003.
- 4. Pape, S., Singh, NK, Manson, PN. Plastic Surgery. In Ali, Nadeem: Alarm Bells in Medicine, BMJ Books (UK), London, August 2005.
- 5. **Singh, NK.** Ablative and Reconstructive Tumor Surgery of the Skull Base and Cranium. In Ehrenfeld, M, Manson, PN, Prein, J: *AO Manual of Internal Fixation of the Craniomaxillofacial Skeleton*, Vol. 2, Chap. 12, AO/ASIF Publications, Switzerland, 2005.
- 6. Manahan, M, Singh, N. Breast Reconstruction. In Cameron, J: Current Surgical Therapy, 9th Edition, Mosby, 2007.
- 7. Navin K. Singh and Gedge D. Rosson, "Breast Reconstruction" in The Johns Hopkins Breast Cancer Handbook for health care professionals, Lillie Shockney and Theodore Tsangaris, Chap 5, pp. 69-107, Jones and Bartlett Publishing.
- 8. Singh, A., Singh, N. "Oncoplastic Breast Surgery and the Effects of Radiation Therapy", Saunders (of Elsevier), Editor Maurice Y. Nahabedian

On-Line Publications and Videos

- Singh, NK. Anesthesia Considerations for Breast Reconstruction. Artemis, on-line journal for breast cancer. http://www.hopkinsmedicine.org/breastcenter/artemis/200401/index.html, accessed February 2004.
- Singh, NK. The Contralateral Breast. Artemis, on-line journal for breast cancer. http://www.hopkinsmedicine.org/breastcenter/artemis/200401/index.html, accessed February 2004.

Invited Papers

- 1. Singh, NK. Incorporating Digital Photography Into Your Aesthetic Surgery Practice. Aesthetic Society News. Vol. 8, No. 2, Spring 2004.
- Singh, NK. Innovative Microsurgery: Use of Stereolithography in Head and Neck Reconstruction. *Reconstructive Microsurgery*. Vol. 15, Number 2. Autumn/Winter 2004.
- Singh, NK. Invited Critique "Reconstructive Breast Implantation After Mastectomy for Breast Cancer: Clinical Outcomes in a Nationwide, Prospective Cohort Study." Archives of Surgery. 2005
- 4. Navin K. Singh, MD, MBA. Commentary. On Better Sex from the Knife? An Intimate Look at the Effects of Cosmetic Surgery on Sexual Practices. Pp.17-18. Aesthetic Surgery Journal. Vol. 26, No. 1. Jan/Feb 2006
- Rosson GD, Singh NK. Innovative microsurgery: Interesting scenarios in perforator flap breast reconstruction: the bullet proof flap, contralateral IMA, adding the SIEV, and 3D CT scans. *Reconstructive Microsurgery*. 2006; 17(1): 13-15.

Abstracts

- 1. Singh NK, Wahba M, Chang B. TRAM flap anastomosis to ligated thoracodorsal vessels via retrograde perfusion. *Australia New Zealand Journal of Surgery*. Aug 2003;Vol. 73: Supp., pp. A153-A330. Meeting Abstracts.
- 2. Singh NK, Bluebond-Langner R, Nahabedian MY. Impact of anesthesia technique on breast reduction outcome: review of 200 patients with case-controls. *Australia New Zealand Journal of Surgery*. Aug 2003;Vol. 73: Supp., pp. A153-A330. Meeting Abstracts.
- 3. Singh NK, Rodriguez ED, Goldberg NH. A pilot report: use of alloderm in recalcitrant abdominal wall hernias. *Australia New Zealand Journal of Surgery*. Aug 2003;Vol 73: Supp., pp. A153-A330. Meeting Abstracts.
- 4. Charles A. Henrikson, MD, Navin K. Singh, MD, Julianna Bolt, RN, Ronald D. Berger, MD, PhD. Images in Cardiovascular Medicine: "Shrink-Wrapped" Permanent Pacemaker. *Circulation*. Volume 110, Issue 9; August 31, 2004.
- Rachel Bluebond-Langner, Ryan Katz, Gedge Rosson, Eduardo Rodriguez, Paul Manson, Navin Singh. "Tele-manipulator and Coupling Device to perform free-tissue-transfer: Towards Predictability and Rapidity" Fortschritt-Berichte VDI. Biotechnik/Medizintechnik. Reihe 17, Nr. 258. Stefan Weber, Frank Langlotz, Juergen Bier, Tim C. Lueth (Eds.), p.76
- 6. Robotic-Assisted Microsurgery. Ryan Katz, Gedge D. Rosson, and **Navin Singh**. Johns Hopkins University School of Medicine, Baltimore, Maryland, USA. *Journal of Reconstructive Microsurgery*. Vol. 21, Number 6. August 2005, p. 422

- Free TFL Neurotized Flaps for Abdominal Wall Herniation: Case Series and Animal Model. Jesse Taylor, Jeremy Williams, Shai Rozen, Luther Holton, Gedge D. Rosson, Ronald P. Silverman, Nelson Goldberg, and Navin Singh. Johns Hopkins University School of Medicine, Baltimore, Maryland, USA. *Journal of Reconstructive Microsurgery*. Vol. 21, Number 6. August 2005, p. 422
- The Versatility of the Anterolateral Thigh Donor Site in Reconstructing the United States Trauma Patient. Eduardo D. Rodriguez, MD; Gedge D. Rosson, MD; Navin K. Singh, MD; Michael P. Grant, MD PhD; Ronald P. Silverman, MD. *Plastic Surgery 2005, Abstract Supplement*, pp. 224-226. Vol. 116, Number 3 Supplement, Sep 1, 2005.

Presentations

| Apr 24, 2002 | Orbital Blowout Treatment Trial: A Controlled Randomized Trial Comparing Early Surgery Versus Late Surgery for Selected Orbital Fractures Grant, MP, Keenum, D, Iwamote, M, Singh, NK , Manson, PN, Iliff, NT American Association of Plastic Surgeons Seattle, WA |
|-----------------|--|
| Jan 11-14, 2003 | Abdominal Wall Reconstruction with the Free Tensor Fascia Lata Myofasciocutaneous Flap Using Intraperitoneal Gastroepiploic Recipient Vessels Singh, N , Chevray, PY American Society for Reconstructive Microsurgery Koloa, Kauai |
| Jan 11-14, 2003 | Devascularizing Complications of Free Fibula Harvest: the Peronea Arteria Magna Rosson, G, Singh, N <u>Winner, Best Junior Clinical Poster Award</u> American Society for Reconstructive Microsurgery Koloa, Kauai |
| May 17, 2003 | Preserving Nipple-Areolar Sensation Following Reduction Mammoplasty. JA Girotto, J Schreiber, M Mofid, N Singh , M Nahabedian <u>Winner, Upjohn Clinical Research Award</u> Johns Hopkins Dept. of Surgery Research Grand Rounds Baltimore, MD |
| Aug 11, 2003 | Impact of Anesthesia Technique on Breast Reduction Outcome: Review of 200 Patients with Case- Controls Singh, NK , Bluebond-Langner, R, Nahabedian, MY International Plastic Reconstructive Aesthetic Surgery Sydney, Australia |
| Aug 11, 2003 | A Pilot Report: Use of Alloderm in Recalcitrant Abdominal Wall Hernias International Plastic Reconstructive Aesthetic Surgery Singh, NK , Rodriguez, ER, Silverman, R, Goldberg, NH Sydney, Australia |
| Jan 17-20, 2004 | Indications for Cross-Leg Flaps in a Modern Microsurgical Practice. Rosson, GD, Singh, NK , Wahba, M., Lettieri, S., Rodrgiguez, ER American Society for Reconstructive Microsurgery Rancho Mirage, Palm Springs, CA |
| Apr 16-21, 2004 | Beauty Lies in the "Eyebrow" of the Beholder: A Public Survey of Eyebrow Aesthetics. Schreiber, JE, Singh, NK , Klatsky, S. American Society for Aesthetic Plastic Surgery Vancouver, Canada |
| Sep 17-19, 2004 | Robotic Assisted Microsurgery Singh, NK , Katz, R 2nd Symposium Computer Aided Surgery around the Head Bern, Switzerland |
| Jan 16, 2005 | Free TFL Neurotized Flaps for Abdominal Wall Herniation: Case Series and Animal Model Jesse Taylor, MD, Jeremy Williams, MD; Shai Rozen, MD; Luther Holton, MD; Gedge D. Rosson, MD; Ronald P. Silverman, MD; Navin Singh , MD <u>Winner, Best Research Paper Award</u> American Society for Reconstructive Microsurgery San Juan, Puerto Rico |
| Aug 27, 2005 | Human Visual Adaptation to Robotic Haptic Limitations Navin Singh , Rachel Bluebond-Langner, Jesse Taylor, Ryan Katz, Gedge Rosson, Eduardo Rodriguez, Paul Manson 3 rd International Symposium Computer Aided Surgery around the Head (CAS-H) Berlin, Germany |
| Oct 24, 2005 | The Face of Evolution |

| | Harvard Club of San Diego |
|-------------------|--|
| May 6-9, 2006 | High-Energy Maxillary Injuries: Classification and Treatment Algorithm with Composite Bone Flaps American Association of Plastic Surgeons Annual Meeting Hilton Head Island, South Carolina |
| Media Appearances | |
| Oct 23, 2000 | The Learning Channel, Chest-Wall Reconstruction |
| Oct 24, 2000 | Shadow Broadcast Network, Radio |
| Jan 2002 | "Bon Appetit! ASPS Members Reveal Their Passion for Culinary Pursuits" Plastic Surgery News |
| May 2002 | "Beware the Dog Bite" Plastic Surgery News |
| Nov 8, 2004 | Breast Reduction: Pedicle Techniques Preserve Nipple Sensation In Vast Majority of Women Aesthetic Society News New York, NY |
| Dec 2004 | Patients of Courage Encourage, Inspire Audience Plastic Surgery News Arlington Heights, IL |
| Oct 2005 | MAMM Magazine: Women, Cancer and Community, "What You Need to Know about Breast Reconstruction" by Sherry Baker, pp. 43- 49 and on <u>www.mamm.com/highlight2.php</u> |
| Oct 2005 | ASAPS News Release for Breast Cancer Awareness Month http://www.surgery.org/press/news-release.php?iid=416 American Society for Aesthetic Plastic Surgery, New York |
| Dec 19, 2005 | AP Wire, on MSNBC.Com Mastectomy patients face implant difficulties Tissue, skin loss during surgery increases complication rate, researcher says http://www.msnbc.msn.com/id/10533795/ online versions of the Washington Post, Newsday, Philadelphia Inquirer, Miami Herald, Houston Chronicle, Sacramento Bee, CNN, CBS and ABC |
| | Print editions of Newsday, The Chicago Tribune, The Chicago Sun- Times and the newspaper in Albany, NY |
| Sep 28, 2006 | Interplast Charity Mission to Dehradun, Uttranchal Pardesh Doordarshan Indian National TV |
| Oct 20, 2006 | "Covershot" – TLC. Patient Natalie Johnson featured for breast reconstruction. The Learning Channel. <u>http://tlc.discovery.com/tvlistings/episode.jsp?episode=15&cpi=55402</u> <u>&gid=0&channel=TLC</u> |
| Jul 2007 | Plastic Nation, pp. 76-80 Baltimore Magazine |
| Jul 2, 2007 | "Direct Connection" Talk Show |

| Aug 2007 | Maryland Public Television, 7:30pm Northern Virginia Magazine Aug 2007, pp. 76— |
|----------------------------|--|
| Oct 2007 | GQ Men of the Year "The Gentlemen's Fund", Gentlemen's Quarterly |
| Nov 2007 | Daily Café Retirement Living Television Network 11/15/2007, 11/26/2007, 12/11/2007 http://www.rl.tv/OurShows/DailyCafe/tabid/387/Default.aspx |
| Feb 2008 | Capitol File Magazine Fitness, p. 202 |
| Feb 21, 2008 | Fox 5 News- Washington, DC 5pm |
| Aug 2008 | Featured in Self, Allure, and Glamour |
| Research Experience | |
| 1988 | Investigation of a mathematical model of neural networks, and teaching assistantship for medical informatics elective. George Washington University Medical School Washington, District of Columbia |
| 1989 | Naval Warfare & Mobility Analyst The Pentagon, District of Columbia |
| 1990 | NIH Summer Research Fellow Bethesda, Maryland |
| 2004-present | Quantification of isothiocyanate and its metabolites in human mammary tissue after oral administration of a broccoli sprout concentrate Johns Hopkins University School of Medicine Baltimore, MD |
| 2004-present | Establishing pre-adipocyte cell lines from abdominal tissue and subsequently from breast Tissue for study of oncologic potential PI Sara Sukumar, Ph.D., Annaka M. Lorincz, Ph.D. candidate Johns Hopkins SOM Department of Pathology Baltimore, MD |
| 2005-present | Effect of tadalafil on flap survival in animal model. PI Ron Silverman, MD, Tripp Holton, MD University of Maryland School of Meedicne |
| 2005-present | Singh NK, VanderKolk C, Manson PN, Nahabedian MY, Rosson GD. Adjunct Study for Silicone Gel-Filled Mammary Prosthesis. JHM-IRB # 03- 02-28-07 |
| 2004-present | Rosson GD. Singh, NK. Robotically assisted microsurgery for free tissue transfer in a porcine model. JHU-ACUC # SW04M307 |

| 2006 | Rosson GD, Singh NK, Ahuja N, Jacobs L, Chang DC. The Impact of Community Factors on Access to Immediate Breast Reconstruction following Mastectomy. JHM-eIRB # NA_00001830 |
|----------------------|--|
| 2005-present | Singh NK, Schreiber, J. Public Perception of Aesthetically Pleasing Breast Augmentation. JHM-eIRB # NA_00002622. |
| 2006-present | Singh, NK. INAMED protocol Application Number: 05-01-06-04, McGhan Medical Corporation Silicone-Filled Breast Implant Adjunct Clinical Study |
| 2005-present | Rosson, GD, Singh, NK. The Use of Three-Dimensional CT Angiography for Preoperative Mapping of Abdominal Wall Perforating Vessels for Free Flap Breast Reconstruction. JHM-eIRB # NA_00003270. |
| Teaching Activities | |
| 2001-2005 | PSEF In-Service Exam Faculty Plastic Surgery Education Foundation |
| Apr 6-7, 2002 | AO/ASIF Faculty-Basic Craniofacial Course Washington, D.C. |
| Apr 12-13, 2003 | AO/ASIF Challenges and Advances in the Management of Craniomaxillofacial Surgery: The Orbits 2003 Baltimore, MD |
| Sep 12-14, 2003 | Osler Board Review Course (Plastic Surgery) Chicago, Il |
| Jul 2006 | Co-Founder, Rosson-Singh Microsurgery Scholarship Johns Hopkins University School of Medicine |
| Editorial Activities | |
| Nov 2003-present | Aesthetic Surgery Journal Editorial Board Statistical Editor New York, NY |
| Feb 2005-present | Plastic Surgery Advisor Breast Health Center National Women's Health Resource Center <u>www.healthywomen.org</u> |
| Mar 2005-present | Microsurgery Editorial Board Jackson, MS |
| Apr 2006 | Annals of Plastic Surgery Ad Hoc Reviewer |
| May 2006 | Journal of Plastic, Reconstructive & Aesthetic Surgery |

| | Reviewer |
|---|--|
| May 2006 | <i>Plastic and Reconstructive Surgery</i> Reviewer |
| Oct 2006 | The National Medical Research Council (Singapore) Study Reviewer |
| Nov 2006-present | Inamed/Allergan Medical Data Safety Monitoring Board |
| Certifications | |
| Sep 8, 2001 | Diplomate, American Board of Plastic Surgery Certificate No. 6278 Valid until 12/31/2011 |
| Sep 2000 - Jan 2009 | Advanced Cardiac Life Support |
| Institutional Administrative Appointments | |
| Jul 2000-2005 | Faculty, Craniofacial Fellowship Johns Hopkins Hospital, Baltimore, MD R Adams Cowley Shock Trauma Center, Baltimore, MD |
| Jul 2000-Jun 2004 | Director of Microvascular Reconstruction UMMS R Adams Shock Trauma Center, Baltimore, MD |
| Jul 2001- Jun 2002 | Medical Peer Review Committee, UMMS R Adams Cowley Shock Trauma Center, Baltimore, MD |
| Professional Societiy Com | nittees |
| 2002-present | American Society for Aesthetic Plastic Surgery International Committee |
| Sep 18, 2004 | Computer Assisted Surgery-Head (CAS-H International) Executive Committee, 2 nd Vice President Zurich, Switzerland |
| Mar 2, 2006-present | FDA committee, American Society of Plastic Surgeons |
| Oct 8, 2006 | American Board of Plastic Surgery Board Examiner Training Course |
| Professional Societies Mem | iberships |
| 1080 1004 | American Medical Association |

| 1989-1994 | American Medical Association |
|-----------|--------------------------------------|
| 1990 | Brown University Alumni Organization |

| 1993 May, 2001-present Oct 2002-present Oct 10, 2002-present Jan 13, 2003-present Sep 2003-2005 Apr 19, 2004-present May 2007-present Awards and Honors | Harvard Alumni Organization Association of Academic Chairmen of Plastic Surgery, Associate American Society of Plastic Surgeons American College of Surgeons, Fellow American Society for Reconstructive Microsurgery International Society of Craniofacial Surgery, Associate Member American Society for Aesthetic Plastic Surgery American Association of Plastic Surgeons |
|--|--|
| 1989 | Naval Warfare & Mobility Supervisor's Award Department of Defense The Pentagon |
| 1991 | Sidney Kane Memorial Medical Scholarship Brown University School of Medicine |
| 1992 | Marge Drolette Prize in Biostatistics Harvard School of Public Health |
| May 1993 | Dean's Prize for Outstanding Student of the Graduating Class Brown University School of Medicine |
| May 5, 2001 | Hero Award R Adams Cowley Shock Trauma Center |
| Jun 23, 2002 | Teacher of the Year Award Johns Hopkins/ Univ. of Maryland Plastic Surgery Residents |
| Jan 14, 2003 | Faculty Sponsor, "Best Junior Mini-Paper" American Society for Reconstructive Microsurgery Kauai, Hawaii |
| Jun 13, 2004 | Teacher of the Year Award Johns Hopkins/ Univ. of Maryland Plastic Surgery Residents |
| Oct 9, 2004 | Patient of Courage Award: Triumph over Adversity American Society of Plastic Surgeons Philadelphia, PA |
| Dec 7, 2004 | Faculty Sponsor for Dr. Jesse Taylor Titanium Mesh Cranioplasty and Fasciocutaneous Free Tissue Transfer AO Resident Research Stipend-\$1500 Whistler, BC, Canada |
| Jan 16, 2005 | Best Research Paper Award Free TFL Neurotized Flaps for Abdominal Wall Herniation: Case Series and Animal Model American Society for Reconstructive Microsurgery San Juan, Puerto Rico |
| Apr 2005 | Certificate of Special Recognition for Community Service and Volunteerism |

| | American Society for Aesthetic Plastic Surgery |
|--|--|
| Oct 2006 | America's Top Plastic Surgeons Consumer' Research Council of America Washington, DC 20006 www.consumersresearchcncl.org |
| Jul 2007 | Certificate of Advanced Education in Cosmetic Surgery American Society for Aesthetic Plastic Surgery |
| Invited Talks, Panels | |
| Feb 27-28, 2003 | Clinical Challenges in Craniomaxillofacial Surgery Session Chairman: Computer Assistance for CMF Surgery Computer Assisted Surgery in the Head and Neck (CAS-H) Interlaken, Switzerland |
| Apr 12, 2003 | Endoscopic Visualization of Orbital Walls AO/ASIF Craniomaxillofacial Challenges Course Baltimore, MD |
| Apr 16, 2003 | Invited Speaker Challenges in Abdominal Wall Reconstruction Plastic Surgery Grand Rounds Duke University Medical Center Durham, NC |
| Sep 17, 2003 | VISITING PROFESSOR Advanced Techniques in Limb Salvage Department of Orthopedic Surgery, University of Massachussets Worcester, Massachussets |
| Jan 15, 2004 | VISITING PROFESSOR Challenges in Abdominal Wall Reconstruction The University of Texas Health Science Center at San Antonio Methodist Hospital, Wilford Hall, and Brooke Army Medical Center San Antonio, Tx |
| Oct 4, 2004 | VISTING PROFESSOR Abdominal Wall Reconstruction New York Medical College Westchester, NY |
| Jan 3, 2005 | INTERNATIONAL SURGEON Plastic and Reconstructive Surgery Dr. Sulaiman Al-Habib Medical Center Kingdom of Saudi Arabia |
| Apr 20, 2006 | "The Human Face: Beauty and Evolution" Nation's Capital Dental Meeting, 74 th Annual District of Columbia Dental Society Washington, DC |
| Extracurricular | - |
| 1996-1999 1999-present Sep 15-30, 2006 | Baltimore Opera Company, subscriber Washington Ballet, subscriber Interplast Volunteer—Dehradoon, India |

Jan 2008-present Aug 6-19, 2007 The Healing Hands Foundation Rotaplast Volunteer—La Oruya, Peru

Languages

Hindi, French, Urdu, Punjabi, Medical Spanish