

Mudit Sharma, MD

1-855-774-6334	virginiaspinespecialists.com	
Current Position	<p>April 2012 - Present Director of Neurosurgery, Owner and Managing Director, Virginia Spine Specialists, PLLC, Manassas, VA</p> <p>October 2009- April 2012 Attending Neurosurgeon in private practice with The Spine Care Center in Manassas, VA</p> <p>July 2007- October 2009 Attending Neurosurgeon in private practice with James Melisi, PLLC in Reston, VA</p> <p>Active privileges at:</p> <ul style="list-style-type: none"> · Reston Hospital Center, Reston, VA · Prince William Hospital Center, Manassas, VA · Virginia Hospital Center, Arlington, VA · INOVA Loudon Hospital, Loudon, VA · INOVA Fair Oaks Hospital, Fair Oaks, VA · Georgetown University Hospital, Washington, DC · Stafford Hospital Center, Stafford, VA · Spotsylvania Regional Medical Center. Spotsylvania, VA 	
Licensure and Certifications	<p>Board Certified by the American Board of Neurological Surgery, 2010</p> <p>Diplomate, American Board of Neurological Surgeons, 2010</p> <p>Licensed by the state medical authorities in the following states:</p> <ul style="list-style-type: none"> · Virginia · Washington, DC 	
Education	<p>2001 - 2007 Georgetown University, Washington, DC</p> <ul style="list-style-type: none"> ▪ Residency in Neurological Surgery, completed 6/2007 ▪ 2006-2007 – Chief Neurosurgical Resident at Georgetown University Hospital ▪ 2005- 2006 – Chief Neurosurgical Resident at the Washington Hospital Center (Level I Trauma Center) ▪ 2004-2005 – Neurosurgical resident at Georgetown University Hospital ▪ 2003-2004 – Neurosurgical resident at Children's National Medical Center in Washington, DC ▪ 2002-2003 – Neurosurgery Resident at Georgetown University Hospital ▪ 2001-2002 – General Surgical Intern at Georgetown University Hospital <p>1997 - 2001 SUNY at Buffalo School of Medicine</p> <ul style="list-style-type: none"> ▪ MD completed 2001 <p>1993-1997 SUNY at Buffalo</p> <ul style="list-style-type: none"> ▪ BS, Biology, 1997, <i>summa cum laude</i> 	

Training Courses	<p>Advanced peer to peer training on minimally invasive lateral fusion technique, March, 2012, Las Vegas, NV</p> <p>Instructor, Minimally Invasive Spinal Instrumentation, November, 2011, Chicago, IL</p> <p>Instructor, Minimally Invasive Spinal Instrumentation, October, 2011, Miami, FL</p> <p>Advanced peer to peer training on minimally invasive spinal instrumentation, April, 2011, Las Vegas, NV</p> <p>Advanced peer to peer training on minimally invasive TLIF technique, January, 2011, Miami, FL</p> <p>Advanced peer to peer training on minimally invasive TLIF technique, November, 2010, Las Vegas, NV</p> <p>Advanced peer to peer training on neurostimulation, October, 2010, Valencia, CA</p> <p>Advanced peer to peer training on lateral interbody fusion, October, 2010, Kansas City, KS</p> <p>Advanced peer to peer training on anterior lumbar interbody fusion, September, 2010, Baltimore, MD</p> <p>Advanced peer to peer training on interspinous fixation devices, June, 2010, Las Vegas, NV</p> <p>Advanced peer to peer training on minimally invasive spinal deformity surgery, June 2010, Las Vegas, NV</p> <p>Advanced peer to peer training on minimally invasive lumbar interbody fusion, March 2010, Fairfax, VA</p> <p>Advanced peer to peer training on minimally invasive axial lumbar interbody fusion, January, 2010, New York, NY</p> <p>Advanced peer to peer training on minimally invasive lateral lumbar interbody fusion, Novemebr 2009, New York, NY</p> <p>Advanced peer to peer training on dynamic stabilization of spine, November, 2009, Las Vegas, NV</p> <p>Advanced peer to peer training on minimally invasive lumbar pedicle fixation, November 2009, Las Vegas, NV</p> <p>Advanced peer to peer training on percutaneous vertebral augmentation, August 2007, Baltimore, MD</p>
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Honors and Awards	<p>Cyberknife society Spine Category Award for “A new paradigm for treatment of chordomas.” Napa Valley, CA. November 2003</p> <p>Best medical student in General Surgery. SUNY at Buffalo, School of Medicine. June 2001.</p> <p>Best medical student research involvement. SUNY at Buffalo, School of Medicine. June 2001.</p> <p>Dean’s commendation for academic achievement. SUNY at Buffalo, School of Medicine. 1997-2001</p> <p>Research fellowship of Buffalo Foundation. Buffalo. 1999.</p> <p>Dean’s outstanding senior award nomination. SUNY at Buffalo. June 1997.</p> <p>Phi Beta Kappa Undergraduate Honor Society. June 1997.</p> <p>Golden Key National Honor Society. 1996.</p> <p>Howard Hughes Research Fellowship. SUNY at Buffalo. 1996-1997.</p> <p>Phi Eta Sigma Honor Society. 1996.</p>
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Extracurricular Activities	<p>Class Representative for Medical School Governing Body. 1997-1999.</p> <p>Organized American Cancer Society Symposium at SUNY at Buffalo. 1997.</p> <p>Contributing Editor, <i>SKEW</i> – UB Honors Program Newsletter. 1993-1997.</p>
Certifying Exams	<p>Board of Neurological Surgery Oral Board Exam (2010)</p> <p>Board of Neurological Surgery Primary Exam (2005)</p> <p>United States Medical Licensing Exam, Steps I (1999), II (2001) and III (2005)</p>
Memberships	<p>Medical Society of Virginia (2009- Present)</p> <p>North American Spine Society (2008- Present)</p> <p>Association for Ethical Spine Surgery (2007- Present)</p> <p>American Association of Neurological Surgeons (2002-Present)</p> <p>Congress of Neurological Surgeons (2002- Present)</p>
Personal	<p>Married, wife Neha Sharma is a homemaker, son Advay born in 2008</p> <p>Hobbies include golfing, running.</p>

**Presentations
(International)**

Sharma, M, Siddiqui, F. "Percutaneous stabilization of thoraco-lumbar fractures." Invited Presentation at American Association of Neurological Surgeons at Miami, Florida, April 2012

Sharma, M, Siddiqui, F. "Minimally invasive stabilization of thoraco-lumbar fractures." Invited podium presentation at International Society for Advancement of Spine Surgery at Barcelona, Spain, March 2012

Sharma, M, Siddiqui, F. "Long-term follow-up of minimally invasive stabilization of thoraco-lumbar fractures." Presented at Society of Minimally Invasive Spine Surgery at Las Vegas, NV, October, 2011

Sharma, M, Siddiqui, F. "Minimally invasive techniques for posterolateral fusion." Presented at CNS-NSI joint meeting at Jaipur, India, December 2010

Sharma, M, Henderson, FC. "Followup of 11 chordoma patients treated with Cyberknife." Presented at the ANNS-CNS joint tumor section meeting at San Francisco, October 2004

Sharma, M, Jean WC. "Optic chiasm and Cyberknife." Presented at 3rd annual Cyberknife Users' Meeting, Napa Valley, CA. November 2003.

Sharma, M, Henderson, FC. "A new paradigm for treatment of Chordomas." Presented at 3rd annual Cyberknife Users' Meeting, Napa Valley, CA. November 2003.

Qureshi, AI, Suri, MFK, **Sharma, M** et al. "Sleep Patterns and likelihood of stroke and carotid atherosclerosis." 26th American Heart Association International Stroke Conference, 2001.

Qureshi, AI, Luft, AR, **Sharma, M** et al. "Frequency and determinants of postprocedural hemodynamic instability after carotid angioplasty and stenting." Annual meeting of the Congress of Neurological Surgeons, San Antonio, TX. September 2000.

Qureshi, AI, Luft, AR, **Sharma, M** et al. "Frequency and determinants of postprocedural hemodynamic instability after carotid angioplasty and stenting." Transcatheter Cardiovascular Therapeutics, Eleventh Annual Symposium, Washington, DC. September 1999.

Guterman, LR, **Sharma, M**. "Basic endovascular techniques." Annual meeting of the American Association of Neurological Surgeons, New Orleans, LA. April 1999.

Qureshi, AI, Luft AR, **Sharma, M** et al. "Postoperative hypotension after carotid angioplasty and stenting." American Academy of Neurology, Toronto. April 1999.

Qureshi, AI, Mohammad, Y, Yahia, AM, Luft, AR, **Sharma, M**, Tamargo, RJ, Frankel, MR. "Cerebral embolisms associated with intracranial aneurysms. A multicenter clinical study and review of literature." AHA Stroke Conference, Nashville, TN. February 1999.

Guterman, LR, **Sharma, M**. "Basic endovascular techniques." Annual meeting of the Congress of Neurological Surgeons, Seattle, WA. October 1998.

<p>Presentations (National)</p>	<p>Sharma, M "Minimally Invasive Spine Surgery." Spotsylvania Regional Medical Center Lecture Series, Spotsylvania, VA, October 2011</p> <p>Sharma, M "Advances in spinal surgery." Prince William Hospital Community Lecture Series, Manassas, VA, June 2011</p> <p>Sharma, M "Minimally invasive lumbar surgery" Prince William Hospital Community Lecture Series, Manassas, VA, March 2011</p> <p>Sharma, M "Advances in treatment for spinal stenosis" Community Lecture, Stafford, VA, February, 2011</p> <p>Sharma, M "Advances in Spinal Surgery." Stafford Hospital, First Annual Perioperative Conference, Stafford, VA. March, 2010.</p> <p>Sharma, M "Minimally Invasive Spine Surgery." Gainesville Rehabilitation Center, Gainesville, VA. March, 2010.</p> <p>Sharma, M "Managing Neck and Arm Pain." INOVA Fair Oaks Hospital Ask the Expert Lecture Series, Fair Oaks, VA. December 2009.</p> <p>Sharma, M "Overview of Neurostimulation." Annual Prince William Pain Symposium, Manassas, VA. October 2008.</p> <p>Sharma, M "Neurosurgical patient management from ER to ICU." Presented at Prince William Hospital OR CME, Manassas, VA. March, 2008.</p> <p>Sharma, M "Advances in Neurosurgical Critical Care." Presented at Prince William Symposium on Critical Care, Manassas, VA. February 2008.</p> <p>Sharma, M "Care Of the Neurosurgical Patient." Presented at Reston Hospital Center ICU CME, Reston, VA. October 2007.</p> <p>Sharma, M, Luft, AR, Qureshi, AI, Guterman, LR, Hopkins, LN. "Changes in Hemodynamic Parameters before and after Carotid Angioplasty and Stenting." Presented at National Medical Student Research Competition, Galveston, TX. April 1999.</p> <p>Sharma, M. "New frontiers in stroke prevention, management and treatment." Keynote address, Niagara Frontier Chapter for Clinical Laboratory Science Symposium, Buffalo. November 1998.</p> <p>Sharma, M, Loretz, CA. "Localization of atrial natriuretic peptide in intestinal epithelium of teleost." Sigma Xi scientific session, Buffalo. April, 1997.</p>
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<p>Publications</p>	<p>Sharma, Coppa N, Sandhu, F. "Syringomyelia." <i>Seminars in Spine Surgery</i>. 2006;18:180-184.</p> <p>Sharma, M, Coppa, N, Henderson, FC. "Whiplash Syndrome." <i>Seminars in Spine Surgery</i>. 2005, 17(1):49-52</p> <p>Sharma, M, Henderson, FC. "Spinal vascular lesions." In <i>Adult and Pediatric Spine</i>, eds. Frymoyer, JW and Wiesel, SW. Lippincott Williams and Wilkins. Philadelphia, 2004.</p> <p>Qureshi, AI, Mohammad, Y, Yahia, AM, Luft, AR, Sharma, M, Tamargo, RJ, Frankel, MR. "Ischemic events associated with unruptured intracranial aneurysms: multicenter clinical study and review of literature." <i>Neurosurgery</i>, Feb 2000, 46(2):282-290.</p> <p>Qureshi, AI Luft, AR, Janardhan, V, Suri, FK, Sharma, M et al. "Identification of patients at risk for periprocedural neurological deficits associated with carotid angioplasty and stenting." <i>Stroke</i>, Feb 2000, 31(2):376-382.</p> <p>Qureshi, AI, Luft, AR, Sharma, M et al. "Frequency and determinants of postprocedural hemodynamic instability after carotid angioplasty and stenting." <i>Stroke</i>, Oct 1999, 30(10):2086-2093.</p> <p>Qureshi, AI, Luft AR, Sharma, M et al. "Postoperative hypotension after carotid angioplasty and stenting." <i>Neurosurgery</i>, June 1999, 44(5):1320-1324.</p> <p>Qureshi, AI, Luft AR, Sharma, M et al. "Thromboembolic complications of endovascular procedures, prevention and treatments. Part I." <i>Neurosurgery</i>, June 2000, 46(6):1344-1359.</p> <p>Qureshi, AI, Luft AR, Sharma, M et al. "Thromboembolic complications of endovascular procedures, prevention and treatments. Part II." <i>Neurosurgery</i>, June 2000, 46(6):1360-1376.</p>
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Research

June 2004-June 2005 – RESEARCH RESIDENT

Anatoly Dritschilo, MD, Dept of Radiation Oncology, Georgetown University

Worked on characterizing a glioma model's response to a novel class of compounds acting as radiosensitizers.

May 1998-June 2001 - RESEARCH ASSOCIATE

Lee R Guterman, PhD, MD, L Nelson Hopkins, MD, Dept of Neurosurgery, SUNY at Buffalo.

Invented a new angiography teaching model for training neurosurgeons interested in endovascular procedures. Coordinated the implementation of all steps of the project with departments of Neurosurgery, Anatomy, Neuroradiology and Mechanical Engineering.

May 1993- May 1997 - RESEARCH ASSOCIATE

Christopher A Loretz, PhD, Dept of Biology, SUNY at Buffalo.

Worked on identifying role of natriuretic peptides on inhibition of ionic transport across epithelial membrane of teleost Goby (*Gillichthys mirabilis*). Skills learned include Radioimmuno assay (RIA), fluorescent antibody labeling and colloidal gold protein labeling.