

Jared Knopman, MD

Education	2005-Present Neurological Surgery Resident	New York-Presbyterian/Weill Cornell Medical College	New York, NY
	2001-2005 M.D.	Mount Sinai School of Medicine	New York, NY
	1997-2001 B.A. Neurobiology	Northwestern University GPA 3.8/4.0	Evanston, IL
Awards/Honors	<p>2009 CNS/Micrus Endovascular Neurosurgery Fellowship for Research 2007 Medtronic Resident Grant Merck Manual Award to Outstanding Students in Medical Studies, Mount Sinai School of Medicine Alpha Omega Alpha, Lambda Chapter, Mount Sinai School of Medicine American Stroke Association Medical Student Scholarship for research Mount Sinai Medical Student Scholarship for research Northwestern University Class Honors, <i>Cum laude</i> Northwestern University Departmental Honors, Biological Sciences Northwestern University Dean's list Northwestern Erwin Macey Scholarship in the Life Sciences for independent research Northwestern College of Arts and Sciences Scholarship for independent research Northwestern University Weinberg Scholar Golden Key National Honor Society, Northwestern University National Society for Collegiate Scholars, Northwestern University</p>		
Publications	<p>Manuscripts</p> <ul style="list-style-type: none"> • Knopman J, Desai NS, Seedial SM, Mubita L, Huang C, Boockvar JA. Free nasoseptal mucosal flap for endoscopic endonasal transsphenoidal skull base surgery: Results and operative technique. (SUBMITTED) • Santillan A, Knopman J, Zink W, Patsalides A, Gobin YP. Transluminal balloon angioplasty for symptomatic distal vasospasm refractory to medical therapy in patients with aneurysmal subarachnoid hemorrhage. <i>Neurosurgery</i>, 2011 • Chater-Cure G, Hoffman C, Knopman J, Rhee S, Souweidane MM. Endoscopy-assisted removal of periorbital inclusion cysts in children. <i>J Neurosurg Pediatr.</i> (2):161-4, 2011. • Boockvar JA, Tsiouris AJ, Hofstetter CP, Kovanlikaya I, Fralin S, Kesavabhotla K, Seedial SM, Pannullo SC, Schwartz TH, Stieg P, Zimmerman RD, Knopman J, Scheff RJ, Christos P, Vallabhajosula S, Riina HA. Safety and maximum tolerated dose of superselective intraarterial cerebral infusion of bevacizumab after osmotic blood-brain barrier disruption for recurrent malignant glioma: Clinical article. <i>J Neurosurg</i> 114(3):624-32, 2011 • Patsalides A, Knopman J, Santillan A, Tsiouris AJ, Riina H, Gobin YP. Endovascular treatment of spinal arteriovenous lesions: beyond the dural fistula. <i>AJNR Am J Neuroradiol.</i> 2010 Nov 24. • Knopman J, Zink W, Patsalides A, Riina HA, Gobin YP. Secondary clinical deterioration after successful embolization of a spinal dural arteriovenous fistula: a plea for prophylactic anticoagulation. <i>Interv Neuroradiol.</i> 16(2):199-203, 2010. • Molinterno J, Knopman J, Parikh K, Hartl R, Boockvar JA. Results and Risk Factors for Recurrence Following Single-Level Tubular Lumbar Microdiscectomy. <i>J Neurosurg Spine</i> 12(6): 680-686, 2010. • Riina HA, Knopman J, Greenfield JP, Fralin S, Gobin YP, Tsiouris AJ, Souweidane MM, Boockvar JA. Balloon-assisted superselective intra-arterial cerebral infusion of bevacizumab for malignant brainstem glioma: A technical note. <i>Interv Neuroradiol.</i> 16(1):71-6, 2010. • Santillan A, Zink WE, Knopman J, Riina HA, Gobin YP. Early endovascular management of 		

oculomotor nerve palsy associated with posterior communicating artery aneurysms. *Interv Neuroradiol.* 16(1):17-21, 2010.

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- Tomasino A, Parikh K, Steinberger J, **Knopman J**, Boockvar J, Härtl R. Tubular microsurgery for lumbar discectomies and laminectomies in obese patients: operative results and outcomes. *Spine* 34 (18): E664-72, 2009.
- **Knopman J**, Sigounas D, Huang C, Kacker, Schwartz TH, Boockvar JA. Combined Supraciliary and Endoscopic Endonasal Approach for Resection of Frontal Sinus Mucocoeles: Technical note. *Minim Invasive Neurosurg.* 52 (3): 149-51, 2009.
- **Knopman J**, Tsiouris AJ, Souweidane MM. Atraumatic Epidural Hematoma secondary to a Venous Sinus Thrombosis: A Novel Finding. *J Neurosurg Pediatr* 2 (6): 416-419, 2008.
- Parikh K, Tomasino A, **Knopman J**, Boockvar J, Härtl R. Operative results and learning curve: microscope-assisted tubular microsurgery for 1- and 2-level discectomies and laminectomies. *Neurosurg Focus* 25 (2): E14, 2008.
- Sehba FA, Mustafa G, **Knopman J**, Friedrich V, Bederson, JB. Acute alterations in Microvascular basal lamina after Subarachnoid Hemorrhage. *Journal of Neurosurgery* 101: 633-640, 2004.

Abstracts

- **Knopman J**, Souweidane MM. (2008) Endoscopic Assisted Removal of Periorbital Inclusions Cysts. (*AANS/CNS Pediatric Neurosurgery Section*).
- **Knopman J**, Meyrowitz S, Boockvar JA, Hartl R. (2007) Tubular microsurgery for lumbar disc herniation and spinal stenosis—Clinical results and complication rate. *AANS/CNS Section on Disorders of the Spine and Peripheral Nerves*.
- Sehba F.A, **Knopman J.**, Mustafa G., and J.B. Bederson. (2003) Activation of microvascular collagenases after acute subarachnoid hemorrhage (SAH). *Society for Neurosciences* 29: 100.6
- **Knopman J.**, Sehba F.A, Mustafa G., and J.B. Bederson. (2003) Microvascular collagenases are acutely activated after subarachnoid hemorrhage (SAH). *44th National Student Research Forum* Poster # 16.
- Sehba F. A., Mustafa G., **Knopman J.**, Friedrich V., and J.B. Bederson. (2003) Microvascular basal lamina is compromised after acute subarachnoid hemorrhage (SAH). *28th International Stroke Conference* Program Number: P96.
- Tang Y., **Knopman J.**, Lamb R.A., and L.H. Pinto. (2001) Effect of altered pH_{in} on properties of M₂ ion channel of influenza A. *44th National Biophysical Society Meeting*.

Book Chapters

- Howard A. Riina, **Jared Knopman**, Athos Patsalides, and Y. Pierre Gobin. Managing carotid injury during transsphenoidal surgery. *Endoscopic Pituitary Surgery*, Thieme Medical Publishers, IN PRESS.
- **Knopman J**, Hartl R. *Encyclopedia for Public Health: Head Trauma*, 2008
- Tang Y, Venkataraman P, **Knopman J**, Lamb RA, Pinto LH. *Viral Membrane Proteins: Structure, Function, and Drug Design*. Edited by Wolfgang B. Fischer. The M2 Proteins of Influenza A and B Viruses are Single-Pass Proton Channels, 2005.