

Curriculum Vitae

Kenneth Michael Liebman, M.D., F.A.C.S.

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Education:

1983-1987 B.A. Emory University, Atlanta, GA (in Psychology)
1987-1991 M.D. Temple University School of Medicine, Philadelphia, PA

Postgraduate Training:

1991-1992 Internship in General Surgery, Temple University Hospital, Philadelphia
1992-1994 Neurosurgery Residency, Temple University Hospital, Philadelphia
1994-1997 Neurosurgery Residency, Thomas Jefferson University Hospital, Philadelphia
2004-2005 Fellowship, Cerebrovascular Surgery and Interventional Neuroradiology,
Thomas Jefferson University Hospital, Philadelphia

Academic Appointments:

2004 - Assistant Professor of Neurosurgery
Thomas Jefferson University/Jefferson Medical College

1997-2004 Assistant Professor of Neurosurgery
Department of Neuroscience, Seton Hall University

Hospital Appointments:

1997- 2004 Attending Neurosurgeon, JFK Medical Center, Edison, NJ
1998- 2004 Attending Neurosurgeon, Muhlenberg Regional Medical Center, Plainfield, NJ
1998- 2000 Attending Neurosurgeon, St. Peter's University Hospital, New Brunswick, NJ
1998- 2004 Attending Neurosurgeon, St. Michael's Medical Center, Newark, NJ
1998-2004 Director of the Cerebral Vascular Division of Neurosurgery of the
Department of Neuroscience, Seton Hall University
2002- 2004 Chief of the Division of Neurosurgery at Muhlenberg Hospital
2004-2008 Attending Neurosurgeon, Thomas Jefferson University Hospital, Philadelphia, PA
2008- Attending Neurosurgeon, Capital Health System, New Jersey
2008- Director, Neurosurgical Critical Care/Intensive Care Unit, Capital Health System, New
Jersey

Certification:

2001 American Board of Neurological Surgery - Board Certified
2003 Fellow, American College of Surgeons

Licensure:

Pennsylvania State Medical License
New Jersey State Medical License

Honors:

1990 Alpha Omega Alpha
1991 Paul Lin Neurosurgical Award

Membership in Professional and Scientific Societies:

National:

American Association of Neurological Surgeons
Congress of Neurological Surgeons
AANS/CNS Cerebrovascular Section

Local:

New Jersey Neurological Society

Bibliography:

Peer Reviewed Articles:

Rosenwasser RH, Jallo J, Getch C, **Liebman KM**: Complications of Swan-Ganz Catheterization for Hemodynamic Monitoring in Patients with Subarachnoid Hemorrhage. *Neurosurgery*, 37(5): 872-76, 1995

Liebman KM, Rosenwasser RH, Heinel LA: Endovascular Management of aneurysms and carotid - cavernous fistulae resulting from gunshot wounds to the skull base and oropharynx. *Journal of Cranio-Maxillofacial Trauma*. 1996; 2(2): 10-16.

Liebman KM, Rosenwasser RH: The Endovascular Management of Intracranial Aneurysms. *Journal of Neurovascular Disease* 1996; (1): 3.

Liebman KM, Rosenwasser RH: The Hemodynamic Changes Measured In Cerebral Arteriovenous Malformations Following Endovascular Treatment. *Journal of Neurovascular Disease* 1997; 2(3): 112-116.

Yalamanchili K, Rosenwasser RH, Thomas JE, **Liebman K**, McMorro C, Gannon P: Frequency of Cerebral Vasospasm in Patients Treated with Endovascular Occlusion of Intracranial Aneurysms. *American Journal of Neuroradiology* 1998; 19: 553-558.

Borden NM and **Liebman KM**: Endovascular access to the meningohypophyseal trunk. *American Journal of Neuroradiology* 2001; 22 (4): 725-727.

Koebbe CJ, **Liebman K**, Veznedaroglu E, Rosenwasser R: Carotid artery angioplasty and stent placement for recurrent stenosis. *Neurosurgical Focus* 2005 18(1): E7.

Koebbe CJ, **Liebman K**, Veznedaroglu E, Rosenwasser R. The role of carotid angioplasty and stenting in carotid revascularization. *Neurological Research*. 27 Suppl 1:S53-8, 2005.

Fowler SB, Anthony-Phillips P, Mehta D, **Liebman K**: Health-related quality of life in patients undergoing anterior cervical discectomy fusion. *Journal of Neuroscience Nursing*. 37(2): 97-100, 2005.

Pandey A, Randazzo CG, Veznedaroglu E, Rosenwasser R, **Liebman K**. Outcome of patients with ruptured cerebral aneurysms who underwent endovascular coiling followed by hemicraniectomy for evacuation of intracerebral hematoma. *Submitted, 5/08*.

Mocco J, Snyder KV, Albuquerque FC, Bendok BR, Boulos AS, Carpenter JS, Fiorella DJ, Hoh BL, Howington JU, Jankowitz BT, **Liebman KM**, Rai AT, Rodriguez-Mercardo R, Siddiqui AH, Veznedaroglu E, Hopkins LN, Levy EI. Treatment of intracranial aneurysms with the Enterprise stent: a multicenter registry. *J Neurosurg*. 2008 Oct 31.

Non-Peer Reviewed Articles:

Fowler SB, Anthony-Phillips P, Mehta D, **Liebman K**: Health-related quality of life in patients undergoing anterior cervical discectomy fusion. *Journal of Neuroscience Nursing*. 37(2): 97-100, 2005.

Koebbe CJ, **Liebman K**, Veznedaroglu E, Rosenwasser R: The role of carotid angioplasty and stenting in carotid revascularization. *JHN Journal* 2(1): 6-9, 2006.

Pandey A and **Liebman K**: Case Report: Cerebral pial arteriovenous fistula presenting with brainstem compression from an associated giant venous varix. *JHN Journal* 3(1): 35-38, 2007.

Pandey AS, Koebbe C, **Liebman K**, Rosenwasser R, Veznedaroglu E: Low incidence of symptomatic strokes after carotid stenting without embolization protection devices for extracranial carotid stenosis: A single institution retrospective review. *JHN Journal* 3(2), 22-25, 2007.

Campbell PG and **Liebman K**: Hemorrhagic risk of external ventricular drainage in the setting of aneurysmal subarachnoid hemorrhage. *JHN Journal* 3(2), 33-34, 2007

Pandey AS and **Liebman K**: Case report: Neurotrauma. *JHN Journal* 3(2), 35, 2007.

Book/Book Chapters:

Liebman KM and Severson MA.: Techniques and Devices in Neuroendovascular Procedures. In: Rosenwasser RH and Jabbar PM (eds): *Neurosurgery Clinics : Neuroendovascular Management: Anatomy and Techniques*. Philadelphia, PA, Elsevier. In press 2009.

Abstracts:

Rosenwasser RH, **Liebman KM**, McMorro C, Gannon P: Current strategies for endovascular management of cerebral vasospasm. Congress of Neurological Surgeons, San Francisco, CA, October 1995.

Liebman KM, Rosenwasser RH: Changes in cerebral blood flow velocity and vascular resistance in cerebral arteriovenous malformation following endovascular treatment. Presented at the American Association of Neurological Surgeons, Minneapolis, MN, June 1996.

Liebman KM, Rosenwasser RH: Use of Dextran - 40 as a volume expander in the management of cerebral vasospasm for subarachnoid hemorrhage. Presented at the American Association Of Neurological Surgeons, Minneapolis, MN, June 1996.

Liebman KM, Rosenwasser RH: Vasospasm and treatment - is a hypodensity seen on CT scan an indication of irreversible neurologic injury? Presented at the Congress of Neurological Surgeons, Montreal, Canada, October 1996.

Rosenwasser RH, **Liebman K**, McMorrow C, Yalamanchili K, Gannon P: The Incidence of Cerebral Vasospasm in patients treated with endovascular occlusion of intracranial aneurysms. Presented at the American Association of Neurological Surgeons in Philadelphia, PA, April 1998

Rosenwasser RH, **Liebman K**, McMorrow C, Yalamanchili K, Gannon P: Safety and Efficacy of hypertensive/hypervolemic therapy after endovascular occlusion of intracranial aneurysms. Presented at the American Association Of Neurological Surgeons in Philadelphia, PA, April 1998.

Armonda RA, **Liebman K**, Grobelny T, Thomas J, Rosenwasser RH: Reversal of CT low density in aggressive treatment of cerebral ischemia. Presented at Congress of Neurological Surgeons Meeting, Seattle, WA, October 1998.

Liebman KM, Yanusz D, Hariharan S, Zappulla RA, de Luna C, Nadkarni M: Improvement in cognitive function after vagal nerve stimulator implantation

- a) Presented at the American Epilepsy Society Meeting, San Diego, CA, December 1998
- b) Presented at American Association of Neurological Surgeons in New Orleans, LA, April 1999

Liebman KM, Phillips P, Marzano G, Borden N: 3-D Rotational angiography of intracranial aneurysms.

- a) Presented at American Association of Neurological Surgeons, Joint Section of Cerebrovascular Surgery, Nashville, TN, February 1999
- b) Platform Presentation at ASNR, ASHNR, ASPNR, ASITN, ASSR 1999 Joint Meeting, San Diego, CA May 1999

Borden N, Tannenbaum L, Eshkar N, Sen S, Verro P, **Liebman K**: 3-D Rotational angiography: A new method to assess ulcerations in carotid atherosclerosis. Platform Presentation at ASNR, ASHNR, ASPNR, ASITN, ASSR 1999 Joint Meeting, San Diego, CA, May 1999

Borden N, Tannenbaum L, Eshkar N, **Liebman K**: Endovascular navigation in cerebral vascular disorders. Platform Presentation at ASNR, ASHNR, ASPNR, ASITN, ASSR 1999 Joint Meeting, San Diego, CA, May 1999

Borden N, Tannenbaum L, Eshkar N, **Liebman K**: 3-D rotational angiographic analysis of carotid artery stenosis Platform Presentation at ASNR, ASHNR, ASPNR, ASITN, ASSR 1999 Joint Meeting, San Diego, CA May 1999

Liebman K: A New Surgical Approach for Implantation of a Vagus Nerve Stimulator Lead

- a) Poster Presentation at American Epilepsy Society, Orlando, FL, December 1999
- b) Poster Presentation at American Association Of Neurological Surgeons, San Francisco, CA May 2000

Liebman KM, Mantha A, Borden N: Utilization of 3D angiography to detect blister-aneurysms in “angiogram-negative” subarachnoid hemorrhage. Poster. American Association of Neurological Surgeons, Chicago, IL, May 2002.

Osborn I, Simon G, **Liebman K**, Tran D, Miller J: Scalp block & laryngeal mask airway, hand in hand for awake craniotomy. World Congress of Anesthesia, Paris, France, April 2004.

Hanna AS, **Liebman KM**, Veznedaroglu E: The application of myelography and postmyelographic computerized tomography to identify the vascular pedicle in spinal dural arteriovenous fistulas. Digital Poster. Congress of Neurological Surgeons, Boston MA, 2005.

Jabbour P, Veznedaroglu E, **Liebman KM**, Rosenwasser RH: Posterior circulation vasospasm: Diagnostic pitfalls and treatment. Digital Poster. Congress of Neurological Surgeons, Boston MA, 2005.

Siddiqui AH, Koebbe C, Chen PR, **Liebman K**, Rosenwasser RH, Veznedaroglu E: Jefferson Hospital for Neuroscience experience with Micrus Cerecyte™ coil embolization in ruptured and unruptured intracranial aneurysms. AANS/CNS Cerebrovascular Section and the American Society of Interventional and Therapeutic Neuroradiology, Orlando, FL, 2006.

Siddiqui AH, **Liebman K**, Agarwal A, Veznedaroglu E, Rosenwasser R: Complete carotid occlusion on CT angiography with string sign on digital subtraction angiography. AANS/CNS Cerebrovascular Section and the American Society of Interventional and Therapeutic Neuroradiology, Orlando, FL, 2006.

Siddiqui AH, **Liebman K**, Veznedaroglu E, Rosenwasser R: Complete obliteration of arteriovenous malformations through embolization. American Association of Neurological Surgeons, San Francisco, CA 2006.

Jabbour P, Veznedaroglu E, **Liebman K**, Rosenwasser R: Is radiographic ischemia a contraindication for angioplasty in subarachnoid hemorrhage? American Association of Neurological Surgeons, San Francisco, CA 2006.

Tjounmakaris SI, Rosenwasser RH, Veznedaroglu E, **Liebman KM**: Long term angiographic results following surgical clipping in the treatment of cerebral aneurysms. *Congress of Neurological Surgeons Meeting*, San Diego, CA, September 2007.

Jabbour P, Veznedaroglu E, **Liebman K**, Rosenwasser R : Egas Moniz: The tragic end of a Renaissance man. Poster Presentation. American Association of Neurological Surgeons, *Chicago*, IL April 2008.

Campbell PG, Gordin E, **Liebman KM**: Hemorrhagic complications of external ventricular drainage in patients with aneurysmal subarachnoid hemorrhage. American Association of Neurological Surgeons, *Chicago*, IL April 2008.

Presentations:

How To Session-Moderator: 3-D CT Angiography vs. 3-D Catheter Angiography, ASNR, ASHNR, ASPNR, ASITN, ASSR 1999 Joint Meeting, San Diego, CA. May, 1999

How To Session: The Utilization of 3-D Angiography, a Neurosurgeon's Perspective, ASNR, ASHNR, ASPNR, ASITN, ASSR 2000 Joint Meeting Atlanta, GA May 2000 (2 sessions)

How To Session: The Utilization of 3-D Angiography, a Neurosurgeon's Perspective, ASNR, ASHNR, SPNR, ASITN, ASSR 2000 Joint Meeting Atlanta, GA May 2000 (2 sessions)

Endovascular Management of Arteriovenous Malformations (AVM) 4th Annual Cerebrovascular Update 2005, Philadelphia, PA March 2005.

Endovascular Management of Intracranial Aneurysms: Indications, Techniques and Results. Luncheon Seminar. Congress of Neurological Surgeons Annual Meeting, Boston, October 2005.

Aneurysms and AVMs: Pathology and Current Surgical and Endovascular Treatment. Philadelphia Chapter American Association of Neuroscience Nurses. 29th Annual Fall Fling : A Neuroscience Update, Cherry Hill, NJ, November 2005.

Management of Arteriovenous Malformations (AVMs). 5th Annual Cerebrovascular Update 2006. Philadelphia, PA March 2006.

Management of Arteriovenous Malformations (AVMs). 6th Annual Cerebrovascular Update 2007. Philadelphia, PA March 2007.

Management of Arteriovenous Malformations (AVMs). 6th Annual Cerebrovascular Update 2008. Philadelphia, PA March 2008.

Update and Future of Neuroendovascular Neurosurgery Treatments. Pennsylvania Neurosurgical Society Annual Scientific Meeting, Hershey, PA July 11-12, 2008.

Teaching Activities:

Neuro-Oncology Neurosurgery. 3rd Year Medical Student Lecture. Jefferson Medical College, July 13, 2007.

Cerebrovascular Surgery. 3rd Year Medical Student Lecture. Jefferson Medical College, October 5, 2007.

Cerebrovascular Surgery. 3rd Year Medical Student Lecture. Jefferson Medical College, January 18, 2008.

Cerebrovascular Surgery. 3rd Year Medical Student Lecture. Jefferson Medical College, May 9, 2008

Co-Director, Cranial Base Microdissection Course, Jefferson Medical College, October 26-27, 2007.

Director, Microvascular Anastomosis Course, Jefferson Medical College, May 28-30, 2008.

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