

JEFF PAN, MD

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DATE & PLACE OF BIRTH: April 15, 1969
Taipei, Taiwan

EDUCATION:

93 - 97	Medicine	F.A.A.N.S (Fellow of AANS)	
89 - 93	Biophysics	M.D. B.S. (Honors)	SUNY Down State, Brooklyn NY SUNY Buffalo, Buffalo NY

POST-GRADUATE:

7/03 - 6/04	Fellow, Complex Spine Surgery	Emory University, Atlanta, GA
7/02 - 6/03	Chief resident, Neurosurgery	SUNY Downstate, Brooklyn, NY
7/98 - 6/02	Resident, Neurosurgery	SUNY Downstate, Brooklyn, NY
7/97 - 6/98	General Surgery internship	SUNY Downstate, Brooklyn, NY

ACADEMIC APPOINTMENTS:

7/05 - 6/06	Scientific Program Chair	Georgia Neurosurgical Society
7/04 - 6/06	Assistant Professor, Neurosurgery	Emory University, Atlanta, GA
7/03 - 6/04	Clinical Instructor, Neurosurgery	Emory University, Atlanta GA
7/98 - 6/03	Clinical Asst Instructor, Neurosurgery	SUNY Downstate
7/98 - 6/99	Clinical Research fellow	
	American Syringomyelia Alliance Project	SUNY Downstate
7/97 - 6/98	Clinical Asst Instructor, General Surgery	SUNY Downstate

HONORS AND DISTINCTIONS:

1993	Cum Laude, SUNY at Buffalo
1990 - 1992	Dean's list, SUNY at Buffalo
1991	Golden Key national honor society

BOARD CERTIFICATION:

American Board of Neurological Surgeons

PROFESSIONAL SOCIETIES:

Congress of Neurological Surgeons
American Association of Neurological Surgeons
American Association of Neurological Surgeons
Joint Section on Disorders of the Spine and Peripheral Nerves

RESEARCH SUPPORT :

1991 Recipient of Merck, Dupont Research Fellowship, North Shore University Hospital, Manhasset, NY

RESEARCH:

1998 Pathophysiology and treatment of Syringomyelia, SUNY Downstate, Brooklyn, NY

- 1996 Correlation between laser Doppler flowmetry and absolute units of local cerebral blood flow using quantitative autoradiograph, SUNY Downstate, Brooklyn, NY
- 1991 Cobalt-55 radioisotope production via cyclotron, North Shore University Hospital, Manhasset NY

PUBLICATIONS:

Leibovic KN, Pan KY. "The saturated response of vertebrate rods and its relation to cGMP metabolism" *Brain Research* 653: 325-329, 1994.

Miller JI, Chou MW, Dow-Edwards D, Pan J, Bolognese P. "Correlation between Laser Doppler Flowmetry and Absolute Units of Local Cerebral Blood Flow using Quantitative Autoradiograph" *Acta Neurochirurgica Supplementum* 71: 1998, Springer Verlag.

Miller JI, Chou MW, Capocelli A, Bolognese P, Pan J. "Continuous Intracranial Multimodality Monitoring comparing Local Cerebral Blood Flow, Cerebral Perfusion pressure, and Microvascular Resistance" ICP X. *Acta Neurochirurgica Supplementum* 71: 82-84, 1998, Springer Verlag.

Mummaneni PV, Pan J, Haid RW, Rodts GE. "Contribution of recombinant human bone morphogenetic protein-2 to the rapid creation of interbody fusion when used in transforaminal lumbar interbody fusion: a preliminary report" *J Neurosurg Spine*. 2004 Jul;1(1):19-23.

BOOK CHAPTERS:

Pan J. "Cornerstone-SR." *Spinal Instrumentation*. Kim DH, Vaccaro AR, Fessler RG (eds), New York: Thieme. 2005.

Milhorat TH, Pan J. "The blood brain barrier and cerebral edema." *Anesthesia and Neurosurgery*. 4th ed. Cottrell JE, Smith DS (eds). Philadelphia: Mosby, 2001.

PRESENTATIONS:

Pan J: MIS TLIF, Indication, Patient selection, and Technique. DePuy Spine Minimally Invasive Spine Surgery Bioskills Course. West Palm Beach, FL. January 2006.

Pan J, Mummaneni PV; TLIF Techniques and Indications. Medtronic TLIF course. Louisville, KY. September 2005.

Haid RW, Jr., Mummaneni PV, Pan J et al: Cervical Spine Instability: Instrumentation and Other Methods of Management. AANS annual meeting. Orlando FL. April 2005.

Mummaneni PV, Pan J, Rodts GE, Haid RW: Rh-BMP 2 contributes to the Rapid Creation of Interbody Fusion when Utilized with the TLIF procedure. AANS/CNS Section on the Spine and Peripheral Nerves, San Diego, CA. March 2004.

Pan J: Transforaminal lumbar interbody fusion. Neurosurgery Grand round. University of Utah, Salt Lake City, UT. January 2004.

Rodts GE, Mummaneni PV, Pan J, Chun JY: Challenges and key issues of treating cervical spondylosis. *Spinal Focus: Current techniques and technologies*. New York, NY. December 2003.

Miller JI, Capocelli A, Botero J, Bendo A, Pan J: The effects of Thiopental infusion on cerebral hemodynamics in critically ill neurosurgical patients. *Eleventh International Congress of Neurological Surgery*, Amsterdam, Netherlands, July 1997.

Miller JI, Chou MW, Dow-Edwards D, Pan J, Bolognese P: Correlation between laser Doppler flowmetry and absolute units of local cerebral blood flow using quantitative autoradiography. *Tenth international symposium on intracranial pressure and neuromonitoring in brain injury*, Williamsburg, Virginia, 1996.

Miller JI, Chou MW, Bolognese P, Capocelli A, Heger I, Pan J, Milhorat TH: Continuous intracranial multimodality monitoring comparing local cerebral blood flow, cerebral perfusion pressure, and microvascular resistance. *Tenth international symposium on intracranial pressure and neuromonitoring in brain injury*, Williamsburg, Virginia, 1996.

ABSTRACTS:

Todor R, Fox A, Pan J, Girgis P, Heger I, Lobel J: Identification and Management of Neurogenic Pulmonary Edema: A Report of Two Cases, Poster Presentation, *CNS Annual Meeting*, Philadelphia, Pennsylvania, 2002.

Miller JI, Bolognese P, Dow-Edwards D, Chou MW, Pan J: Correlation between laser Doppler flowmetry and absolute units of local cerebral blood flow using quantitative autoradiography in ischemic cerebral tissue of a rat model. *American Association of Neurological Surgeons, 65th annual meeting*, Denver, Colorado, April, 1997.