

2006-2008
Fellow and Residents
Peer-Reviewed Publications
Book Chapters, Abstracts & Posters

Julie G. Pilitsis, MD, PhD (Fellow)

Pilitsis JG, Bakay RAE. Deep brain stimulation for psychiatric disorders. International Drug Therapy Newsletter (In press)

Pilitsis JG, Bakay RAE. Deep brain stimulation for Parkinson's disease. Contemporary Neurosurgery (In press).

Lee AW, Pilitsis JG. Spinal cord stimulation: indications and outcomes. Neurosurg Focus. 2006 Dec 15;21(6):E3.

Comments for Publication

Pilitsis JG, Bakay RAE. Comments for publication on Hodaie M, Neimat J, Lozano AM. The dopaminergic nigrostriatal system and Parkinson's Disease: molecular events in development, disease, and cell death and therapeutic strategies. Neurosurgery 2007; 60: 29-30.

Pilitsis JG, Bakay RAE Comments for publication on Blomstedt P, Olivecrona M, Sailer A, Hariz AI. Dittmar and the history of stereotaxy; or rats, rabbits and references. Neurosurgery 2007; 60: 201

Pilitsis JG, Bakay RAE Comments for publication on Moyer JT, Danish SF, Keating JG, Finkel LH, Baltuch GH, Jaggi JL. Implementation of dual simultaneous microelectrode recording systems during deep brain stimulation surgery for Parkinson's disease: technical note. Neurosurgery 2007; 60: ONS-E178

Pilitsis JG, Bakay RAE Comments for publication on Woerdeman PA, Willems PWA, Noordmans HJ, van der Sprenkel JW, Barkelbach M. The effect of repetitive manual fiducial localization on target localization in image space. Neurosurgery 2007; 60:104

Pilitsis JG, Bakay RAE Comments for publication on Levy R, Lozano AM, Hutchinson WD, Dostrovsky JO. Dual microelectrode technique for deep brain stereotactic surgery in humans. Neurosurgery 2007; 60: ONS284

Pilitsis JG, Bakay RAE Comments for publication on Tir M, Devos D, Blond S et al. Exhaustive, one year follow-up of subthalamic nucleus deep brain stimulation in a large single center cohort of Parkinsonian patients. Neurosurgery 2007; 60 (in press).

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Pilitsis JG, Bakay RAE The future of deep brain stimulation in: Deep Brain Stimulation in Neurological and Psychiatric Disorders, Eds. Tarsy, Okun, Starr, and Vitek; Humana; Totowa, NJ (In press).

Pilitsis JG, Bakay RAE. Novel neuromodulation strategies in Alzheimers and other neurodegenerative disorders in: Textbook of Neuromodulation Eds. Krames E, Peckham PH, Rezai A; Blackwell; Boston (In press).

Sierens D, Kutz S, Pilitsis JG, Bakay RAE. Stereotactic surgery with microelectrode recordings in: Movement Disorders: The Essentials. Ed. Bakay RAE; Thieme; New York (In press).

Pilitsis JG, Lozano AM, Bakay RAE. Stimulating and Ablative Procedures for Parkinson's Disease in: CNS Regeneration: Basic Science and Clinical Advances, Eds. Tuszynski M, Kordower J; Elsevier San Diego (In press).

Brown JA, Pilitsis JG. Percutaneous Balloon Compression for the Treatment of Trigeminal Neuralgia. Neurosurgical Operative Atlas 2E: Functional Neurosurgery, Eds. Starr P, Barbaro N, Larson P. Thieme, New York (In press).

Abstracts/Posters

Pilitsis JG, Verhagen LM, Hornbeck TS, Sani SB, Bakay RAE. Factors associated with stimulation failure in essential tremor patients with Vim DBS. AANS 2007- Poster Presentation

Sepehr Sani, MD

Sani S and Medhkour A. Olfactory groove meningiomas: Psychiatric symptoms foster delayed diagnosis. Resident & Staff Physician. 52(2):13-18; 2006.

Rayport M, Sani S, Ferguson SM. Olfactory Gustatory Responses Evoked by Electrical Stimulation of Amygdalar Region in Man are Qualitatively Modifiable by Interview Content: Case Report and Review. International Review in Neurobiology. 76:35-42; 2006.

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Michael J. Musacchio, Jr, MD

Musacchio MJ, Patel NH, Bagan BT, Deutsch H, Vaccaro AR, Ratliff JK. Minimally Invasive Thoracolumbar Costotransversectomy and Corpectomy Via a Dual-Tube Technique: Evaluation in a Cadaver Model. Surgical Technol Int XVI: 221-225, Jan. 2007.

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Musacchio M, Patel N, Byrne RW: Simultaneously symptomatic presentation of a meningioma and a contralateral glioblastoma multiforme. Submitted *Am J of Radiology* Jan 2008.

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Musacchio MJ, Cecchini M, Boco T, Deutsch H. Clinical outcomes after minimally invasive transforaminal lumbar interbody fusion with unilateral pedicle screw fixation. CNS 2007, San Diego, CA.

Nimesh H. Patel, MD

Patel NH, Bagan BT, Vadera S, Maltenfort MG, Deutsch H, Vaccaro AR, Harrop J, Sharon A, Ratliff JK. Obesity and Spine Surgery: Relation to Perioperative Complications. J Neurosurg Spine 6: 291-297, 2007.

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Bradley T. Bagan, MD

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Tibor Boco, MD

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Boco T, Musacchio M, Lopes DK. Multimodal AVM therapy and the role of hybrid training. AANS 2007.

Boco T, Patel HN, Wells K, Lopes DK. Management of intracranial stenosis with self expanding stents. AANS 2007.

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Boco T, Ahmed S, Rivas F, Byrd R. Differentiating MR characteristics of typical and atypical meningiomas. AANS 2008.

Adam P. Smith, MD

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2004-2008

Faculty

Peer-Reviewed Publications

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Richard W. Byrne, MD

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Boco T, Byrd S., Byrne RW: Differentiating MRI characteristics of typical and atypical meningiomas Submitted to Neurosurgery 2008

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Roy A.E. Bakay, MD

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Harel Deutsch, MD

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Demetrius Lopes, MD

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Shaun O'Leary, MD, PhD

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John O'Toole, MD

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