

Curriculum Vitae

AMR MORSI

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PERSONAL DATA

Born Dubai, U.A.E.
Citizenship Egypt
Birth July 3rd, 1984

EDUCATION

<u>Year</u>	<u>Degree</u>	<u>Field</u>	<u>Institution</u>
2007	M.D.	Medicine	University Of Alexandria
2000	I.G.C.S.E	Biology & Chemistry	Cambridge Board

CERTIFICATION

2008 ECFMG Certification: *Step1*: 199/81st *Step2*: 227/94th CS: passed

MEDICAL EXPERIENCE

Internship

2008-08 Intern, Neurosurgery, Dubai University Medical Center, Dubai, U.A.E
2007-08 Intern, Surgery, Alexandria University Hospital, Alexandria, Egypt

Sub-Internship

2006-06 Surgery, Harvard School of Medicine, Boston, U.S.A.
2005-05 Neurosurgery, Marilia School of Medicine, Sao Paulo, Brazil

RESEARCH EXPERIENCE

Post-Doctoral Research Fellow

- Neurosurgery and Radiology Departments, New York University. (February 2009- Current)
- IMCG, Interdisciplinary Melanoma Program New York University Langone Medical Center, Joan and Joel Smilow Research Center. (April 2010 - Current)

Major Research Interests

- ***Clinical Research***

- 1.Surgical treatment of gliomas
- 2.Surgical treatment of epilepsy
- 3.Gamma Knife treatment of Brain metastases

- ***Basic Science Research***

- 1.Melanoma Brain Metastases Animal Model
- 2.Minimally invasive Ultra-sound guided BBB Modulation
- 3.MRI Perfusion studies on GBM
- 4.Molecular Targeting MRI studies for GBM staging

Invited Presentations

- 2010 Molecular Imaging and Contrast Agent Interest Group, NYU Departments of Radiology and Chemistry, February 22nd, 2010 “Using MRI to Monitor Tumorigenesis in a Murine Model of Melanoma Brain Metastasis,” New York University College of Arts and Science, Department of Chemistry
- 2010 Inter Disciplinary Melanoma Group, NYU, April 29th, 2010 “MRI Volumetric studies Of Melanoma Brain Metastasis in a Murine Model.”

AWARDS AND HONORS

- 2010 Fellowship-International Society for Magnetic Resonance in Medicine, Sweden
- 2006 Fellowship-Harvard School of Medicine, Boston, USA
- 2005 Fellowship-Marilia School of Medicine, Marilia, Brazil
- 2000 *IGCSE* -High Achievement Award, University of Cambridge, U.K

MEMBERSHIP IN PROFESSIONAL SOCIETIES

- 2009- International Society for Magnetic Resonance in Medicine

EXTRA CURRICULAR WORK

Major Administrative Responsibility

- 2003-07 ASSA - Alexandria Student Scientific Association Board Member.
- 2003-05 Medical Conference planning- Bibliotheca Alexandrina, Alexandria, Egypt

Teaching Experience

- 2005-06 USMLE Instructor, AMIDEAST, Alexandria

Charitable Work

- 2003-06 Rotary International, Alexandria, Egypt.

SKILLS

Languages: English, French, and Arabic

Hobbies : Tennis, Horseback riding (Captain of Alexandria Sporting Club show jump team)
Scuba diving (Advanced open water instructor)

BIBLIOGRAPHY

- **Peer-Reviewed Publications**

1. Elliott R, Rush S, **Morsi A**, Mehta N, Spriet J, Narayana A, Donahue B, Parker E, Golfinos J. Neurological Complications and Symptom Resolution of Gamma Knife Radiosurgery for Brain Metastases 2 cm or less in Size in Relation to Eloquent Cortices. *J Neurosurg* 2010 (Accepted for publication).
2. Elliott R, Rush S, **Morsi A**, Mehta N, Spriet J, Narayana A, Donahue B, Parker E, Golfinos J. Local Control of Newly Diagnosed and Distally Recurrent, Low-Volume Brain Metastases Using Fixed Dose (20 Gy) Gamma Knife Radiosurgery. *J Neurosurg* 2010 (Accepted for publication).
3. Elliott R, **Morsi A**, Kalhorn S, Marcus J, Sellin J, Kang M, Silverberg A, Rivera E, Geller E, Carlson C, Devinsky O, Doyle W. Vagus nerve stimulation in 436 consecutive patients with treatment-resistant epilepsy, Long-term outcomes and predictors of response. *Epilepsy & Behavior* 2010 (Accepted for publication).
4. **Morsi A**, Voura EB, Pun S, Hoang DM, Baig A, Parker E, Golfinos JG, Zaim Wadghiri Y. Using MRI To Monitor Tumorigenesis In A Murine Model Of Melanoma Brain Metastasis. *J Neurosurg* (in preparation).
5. Elliott R, Rush S, **Morsi A**, Mehta N, Spriet J, Narayana A, Donahue B, Parker E, Golfinos J. Salvage therapy after sole treatment of brain metastases with radiosurgery: Can whole brain radiation therapy be avoided? , *Int'l Jour of Rad Onc Biol Phys (IJROBP)* (in preparation).
6. Elliott R, Rush S, **Morsi A**, Mehta N, Spriet J, Donahue B, Narayana A, Parker E, Golfinos J. Efficacy of gamma knife radiosurgery for meningiomas: Emphasis on tumor control and symptom resolution, *Journal of Neurosurgery* (in preparation).

- **Oral Presentation**

1. Elliott R, **Morsi A**, Kalhorn S, Marcus J, Sellin J, Kang M, Silverberg A, Carlson C, Geller E, Devinsky O, Doyle W. Vagus nerve stimulation for refractory epilepsy: Single surgeon experience of over 700 operations. *American Epilepsy Society Annual Meeting*, 2009; Boston, MA.
2. Raza S, Narayana A, **Morsi A**, Parker E, Rush S, Golfinos J, Novik Y. Outcomes of stereotactic radiosurgery in the management of brain metastasis in patients with HER2 positive metastatic breast cancer. *32nd Annual San Antonio Breast Cancer Symposium*, 2009 San Antonio, TX
3. Elliott R, Rush S, **Morsi A**, Mehta N, Spriet J, Narayana A, Donahue B, Parker E, Golfinos J. Symptom resolution and complications of Gamma Knife radiosurgery for brain metastases 2 cm or less in size in or near eloquent cortices. *15th International Meeting of the Leksell Gamma Knife® Society*, 2010. Athens, Greece.

4. **Morsi A**, Voura EB, Pun S, Hoang DM, Baig A, Parker E, Golfinos JG, Zaim Wadghiri Y. Using MRI To Monitor Tumorigenesis In A Murine Model Of Melanoma Brain Metastasis. *Proceedings 18th Scientific Meeting, International Society for Magnetic Resonance in Medicine*, 2010, Stockholm, Sweden.
5. Elliott R, **Morsi A**, Geller E, Carlson C, Devnisky O, Doyle W. Impact of Failed Intracranial Epilepsy Surgery on Efficacy of Subsequent Vagus Nerve Stimulation *CNS Annual Meeting*, 2010; San Francisco, CA.
6. Elliott R, Rodgers S, Bassani L, **Morsi A**, Geller E, Carlson C, Devinsky O, Doyle W. Vagus nerve stimulation for children with treatment-resistant epilepsy: A consecutive series of 141 children = 18 years of age. (Accepted for oral presentation, AANS/CNS Section on Pediatric Neurosurgery, 2010; Cleveland, OH.)

- **Abstracts**

1. Elliott R, Rush S, **Morsi A**, Mehta N, Spriet J, Narayana A, Donahue B, Golfinos J. Reducing the use of whole brain radiotherapy for patients with 1 to 3 brain metastases = 2 cm in size. *Joint Meeting of the Society for Neuro-Oncology and the AANS/CNS Section on Tumors*, 2009; New Orleans, LA.
2. Moshel Y, Elliott R, **Morsi A**, Perratta D, Parker E, Kelly P, Golfinos J. Maintain the plane: Technique for maximizing resection of contrast-enhancing high-grade glial neoplasms. *Joint Meeting of the Society for Neuro-Oncology and the AANS/CNS Section on Tumors*, 2009; New Orleans, LA.
3. Elliott R, Rush S, **Morsi A**, Parker E, Donahue B, Golfinos J. Gamma knife radiosurgery for skull base meningiomas: Functional outcome and treatment efficacy. *CNS Annual Meeting*, 2009; New Orleans, LA.
4. Zaim Wadghiri Y, Voura EB, Pun S, Hoang DM, Hill LK, Little BW, Baig A, **Morsi A**, Golfinos JG. In Vivo Monitoring of Neovascularization in a Mouse Brain Model of Glioblastoma Multiforme. *NYU Cancer Institute 6th Annual Retreat, NYU Langone Medical Center, New York Academy of Medicine*, October 08, 2009, New York, NY, USA.
5. **Morsi A**, Voura EB, Pun S, Hoang DM, Baig A, Parker E, Golfinos JG, Zaim Wadghiri Y. Using MRI To Monitor Tumorigenesis In A Murine Model Of Melanoma Brain Metastasis. *The Translational and Molecular Imaging Institute, New York Academy of Medicine*, 2010. NYC, NY, USA.
6. Elliott R, Rush S, **Morsi A**, Metha N, Spriet J, Narayana A, Donahue B, Parker E, Golfinos J. Efficacy of 20 Gy Gamma Knife Radiosurgery as Sole Treatment for Patients with One to Three Brain Metastases 2 cm or less in Size. *15th International Meeting of the Leksell Gamma Knife® Society*, 2010. Athens, Greece.

7. Elliott R, Rush S, **Morsi A**, Metha N, Spriet J, Narayana A, Donahue B, Parker E, Golfinos J. Clinical and Technique-related Risk Factors for Local Failure of 20 Gy Gamma Knife Radiosurgery for Brain Metastases = 2 cm in Size. *CNS, Annual Meeting*, 2010, San Francisco, CA.
8. Elliott R, Rush S, **Morsi A**, Metha N, Spriet J, Narayana A, Donahue B, Parker E, Golfinos J. Efficacy of 20 Gy Gamma Knife Radiosurgery for Radioresistant Brain Metastases = 2 cm in Size. *CNS Annual Meeting*, 2010; San Francisco, CA, USA.
9. Elliott R, Rush S, **Morsi A**, Metha N, Spriet J, Narayana A, Donahue B, Parker E, Golfinos J. Toxicity of 20 Gy Gamma Knife Radiosurgery for Brain Metastases = 2 cm in Size. *CNS Annual Meeting*, 2010, San Francisco, CA.
10. **Morsi A**, Voura EB, Pun S, Hoang DM, Baig A, Parker E, Golfinos JG, Zaim Wadghiri Y. Endogenous and Exogenous MR Contrast Effects Using A Murine Model Of Melanoma Brain Metastasis. (*Accepted for poster presentation Gordon Research Conferences*, 2010 Andover, NH, USA.)
11. Elliott R, **Morsi A**, Silverberg A, Carlson C, Geller E, Devinsky O, Doyle W. Changes in efficacy of vagus nerve stimulation (VNS) over time: Review of 65 consecutive patients with treatment-resistant epilepsy treated with VNS = 10 years. American Epilepsy Society 64th Annual Meeting, 2010; San Antonio, TX.
12. **Morsi A**, Voura EB, Pun S, Hoang DM, Baig A, Parker E, Golfinos JG, Zaim Wadghiri Y. Clinically Relevant MRI Protocol For Volumetric Analysis of Melanoma Brain Metastases Progression In a Murine Model. *NYU Cancer Institute 7th Annual Retreat, NYU Langone Medical Center, New York Academy of Medicine*, October 22, 2010, New York, NY, USA.