

CURRICULUM VITAE

Arthur Grigorian, M.D.

ADDRESS:

Georgia Neurological Institute
840 Pine Street, Suite 880
Macon, GA 31210

CURRENT POSITION

Georgia Neurological Institute
840 Pine Street, Suite 880
Macon, GA 31210 2000-Present

ACADEMICAL POSITION

Clinical Associate Professor
Department of Surgery
Mercer University, Macon, GA 5/2001-Present

FELLOWSHIP

Cerebro-vascular fellow
Albert Einstein College of Medicine
Beth Israel Hospital
New York, NY 1999-2000
Chairman: Eugene S. Flamm MD

RESIDENCY:

Chief Resident in Neurological Surgery
UMDNJ-New Jersey Medical School
Newark, New Jersey
Chairman: Peter W. Carmel 1998-1999

Resident in Neurological Surgery
UMDNJ-New Jersey Medical School
Newark, New Jersey
Chairman: Peter W. Carmel 1995-1998

Intern in General Surgery
UMDNJ-New Jersey Medical School
Newark, New Jersey 1994-1995

Resident in Neurological Surgery
N.N.Burdenko Scientific Research Institute of
Neurosurgery,

Academy of Medical Science,
Moscow, Russia. 1987-1991

EDUCATION/BOARDS

PHD- NIH Rep. of Armenia -defended
“Unruptured intracranial aneurysms” 2005

American Board of Neurological Surgeons 2004

European Neurosurgical Board 2002

FLEX Examination 1993

United States Medical Licensing Examination 1993

M.D.
State Medical Institute 1987
Yerevan, Armenia (form. USSR)

OTHER MEDICAL EXPERIENCE:

Research Assistant
Vascular Research Lab
Englewood Hospital
Englewood, New Jersey 6/92-12/93

Neurosurgical Fellowship
MCCG
Macon, Georgia 1/94-7/94

EMT Paramedic
Yerevan, Armenia (form. USSR) 1982-1987

Earthquake relief team, Armenia 1988

LICENSURE

Georgia Medical License
New Jersey Medical License

MEMBERSHIPS

Cerebrovascular Section (CNS)
World Federation of Neurological Surgeons
Congress of Neurological Surgeons
American Association of Neurological Surgeons

American Medical Association
Bibb County Medical Association

ORAL PRESENTATIONS

Grigorian, A:” Surgical Treatment of the Strangulated Inguinal Hernias”, Thesis of the XII Student Scientific Conference, USSR, Pg. 213-214, 1986.

Grigorian, A, Arutunian, E:”The Effect of Steroid Hormones in the Treatment of Acute Anaphylactic shock”, Thesis of the XIII Students Scientific Conference USSR, Pg. 150-151, 1987

Grigorian, A:”Pneumocephale After Removal of Tumors from the Basal- Diencephalon Localization”. Presented at Moscow Neurosurgical Forum, 1990

Grigorian, A, Robinson, J.S:”Histological Comparison of Scar Formation in Post-Laminectomy Rats using Gelfoam versus Gelfoam and Blood”, Presented at Southern Neurosurgical Conference, Sea Island, GA, USA, May 1994

Grigorian, A, Robinson, J.S: "Lumbar Spine Anatomy", Presented at "Back Pain and Lumbar Spine Conference", Calloway Gardens, GA, USA, May 1994

Robert Feldman, Alvin Marcovici, **Arthur Grigorian:**” Anterior cervical discectomy without fusion. Analysis of patients satisfaction”. The Annual Meeting of New York Neurosurgical Society. New York, 2000

PUBLISHED ABSTRACTS

1. **Grigorian, A, Wertherington C, Warejcke D, McClendon R, Lucas P, Naka - Misradi E, Robinson J.S:** "The Influence of Gelfoam and Blood on the Formation of Laminectomy

- Membrane in the Rats"-XXIX World Congress of International College of Surgeons, London, UK, 1994.
2. **Grigorian A**, Jameel I, Warejcka D., Lucas P., McLendon R., and Robinson, JS: "Observation of anterior scar formation following lumbar laminectomy in the rat", Video presentation. 10th European Congress of Neurosurgery, Berlin, May 1995.
 3. Maniker A, **Grigorian A**, Cifelli J: "Routine 24 hours follow up head CT in the trauma patient. Is it necessary?" The American Association of Neurological Surgeons, 1995 Annual Meeting.
 4. Shulder M, **Grigorian A**, Hunt D, ManikarA:"Anterior Cervical Instrumentation: Experience with the Caspar and Synthes Systems". Congress of Neurological Surgeons, 45th Annual Meeting, San Francisco, CA, October 1995.
 5. **A. Grigorian**. A.Maniker, C.Vaicys "Prognostic Significance of Diabetes Insipidus in Civilian Gunshot Wounds to the Head". 7th Baltic Neurosurgical Congress, Vilnius, Lithuania, 1997, p56.
 6. **A. Grigorian**, C. Vaisys, A. Manikar: "Different Protocols for the Management of Traumatic Brain Injury and their Effect on Outcome". 7th Baltic Neurosurgical Congress, 1997, p57
 7. **Grigorian A**, Hunt CD: "Iatrogenic Intracranial Aneurysms. " AANS/CNS Section on Cerebrovascular Surgery Annual Meeting, Orlando, Florida, February 1998.
 8. Robert F. Heary, Leo J. Wolansky, Satish Doddakashi, **Arthur A. Grigorian**, John F. Godinsky : " Vertebral Endplate " Pseudosparing"-Definition of an MRI Artifact in Osteomyelitis. American Association of Neurological Surgeons Annual Meeting, Philadelphia, Pennsylvania, April, 1998
 9. Robert Heary, **Arthur Grigorian**: "Ventral Thoracic Corpectomy" The American Association of Neurological Surgeons, Annual Meeting, New Orleans, 1999.
 10. **Arthur Grigorian**, Robert Heary, Richard Schlenk, Cheslovas Vaicys: "The risk factors associated with invasive intracranial monitors" CNS annual meeting, Boston, MA, 1999.
 11. **Arthur Grigorian**, Richard P.Schlenk, Alvin Marcovici, Ceslovas Vaicys, Robert Heary, Peter W. Carmel: "Prospective analysis of the incidence of infection of tunneled vs. bolt type intracranial

- monitoring devices”. The American Association of Neurological Surgeons, Annual Meeting, San Francisco, CA, 2000
12. Vaicys C, Roth PA, **Grigorian A**: Lateral BAK Lumbar Interbody Fusion. Annual Meeting of the American Association of Neurological Surgeons. San Francisco, CA, April, 2000
 13. **Arthur A. Grigorian**, Alvin Marcovici, Jenny Pirks, Al Delos-Reyes: “Anterior Cervical Discectomy without Fusion: Assesment of Patient Satisfaction”, CNS Annual Meeting, September 2000.
 14. **Arthur A. Grigorian**, Alvin Marcovichi, Eugene S. Flamm: ”The Multifactorial Analysis of the Surgical Outcome in Patients with Unruptured Cerebral Aneurysms”, AANS Annual Meeting, 2001.
 15. **Arthur A. Grigorian**, Eugene S. Flamm:” Unruptured Ophthalmic Segment Aneurysms-Analysis of Outcome”, 8th WAMC, Toronto, Canada, 2001.
 16. K.N. Fointas, E.Z. Kapsalaki, P.Chandler, C.H.Feltes, A.A. **Grigorian**, J.S. Robinson, M.Castrezana “The Role of MgSO₄ Intravenous Administration in the Prevention and Treatment of Vasospasm in Patients with Spontaneous Subarachnoid Hemorrhage,” 39th World Congress of Surgery, Brussels, Belgium August 26-30, 2001
 17. **Arthur A. Grigorian**, Eugene S. Flamm “Surgical Outcome in Large and Giant Unruptured Intracranial Aneurysms”, CNS 51st Annual Meeting, San Diego, CA
 18. Suren Zohrabyan, **Arthur Grigorian** “ Armenian Neurosurgery: Historical Perspective”, AANS Annual Meeting, San Diego, CA, 2003
 19. Carlos Feltes, Vassilios Dimopoulos, Rostislav Davidov, Nisreen Jallad, Mossafar Kassam, Christopher Troup, Joe S Robinson, **Arthur Grigorian** “Retrospective Analysis of Outcome of Patients with Severe Head Injury Treated with 3% Hypertonic Saline” CNS 51st Annual Meeting, San Diego, CA, 2003
 20. Kostas N. Fountas, Carlos Feltes, Vassilios Dimopoulos, **Arthur Grigorian**, Manuel Castrezana, Joe S Robinson “Intravenous Administration of MGSO₄ for the Prevention and Treatment of Vasospasm in Patients with Spontaneous Subarachnoid Hemorrhage” AANS Annual Meeting, San Diego, CA, 2003

21. Andronyk Kalaijian, **Arthur Grigorian**, Vigen Sahakyan, "Intracranial Hydatid Disease: Review of 11 Cases", AANS Annual Meeting, San Diego, CA, 2003
22. Vassilios Dimopoulos, Carlos Feltes, Kostas Fountas, Rostislav Davidov, Nisreen Jallad, Robert Vogel, Mossafar Kassam, Kim Johnnton, Hugh Smisson, Joe S Robinson, **Arthur Grigorian**: "Continuous Intraoperative Electromyographic Monitoring of Recurrent Laryngeal Nerve using a Newly Described Scale" AANS Annual Meeting, San Diego, CA, 2003
23. A. Ragauskas, Vassilios Dimopoulos, Carlos Feltes, Kostas Fountas, Rostislav Davidov, **Arthur Grigorian**, Kim Johnnton, Hugh Smisson, Christopher Troup, Joe S Robinson: "Ultrasound Non-Invasive Cerebrovascular Autoregulation Monitoring Technique Compared with Standard Invasive Technique in Patients with Severe Closed Head Injury" AANS Annual Meeting, San Diego, CA, 2003
24. "Continuous intraoperative electromyographic monitoring of recurrent laryngeal nerve using a newly described scale. V.G.Dimopoulos, C.H.Feltes, K.N.Fountas, R. Davydov, R.Vogel, H.F.Smisson, K.W.Johnston, J.S.Robinson, **A.Grigorian**. 12th European Congress of Neurosurgery, September, 2003, Lisbon, Portugal.
25. "Comparison of a new non-invasive ultrasonic technology and standard invasive intra-cranial pressure monitoring in the evaluation of cerebrovascular auto-regulation in patients with severe closed head injury"
K.N.Fountas, V.G.Dimopoulos, C.H.Feltes, M.Kassam, R.Davydov, **A.A.Grigorian**, K.W.Johnston, H.F.Smisson, E.C.Troup, J.S.Robinson, A.Ragauskas. 12th European Congress of Neurosurgery, September, 2003, Lisbon, Portugal.
26. "Retrospective analysis of long term surgical outcome of elderly patients undergoing spinal surgery" V.G.Dimopoulos, C.H.Feltes, M.Kassam, R.Davydov, K.N.Fountas, J.S.Robinson, A.Ragauskas., **Grigorian** AA12th European Congress of Neurosurgery, September, 2003, Lisbon, Portugal.
27. Arthur A Grigorian: Effect of addition of a newly trained cerebrovascular surgeon on a large private group" AANS/CNS 7th joint annual meeting Cerebrovascular Section and American Society of interventional and therapeutic neuroradiology, San Diego, 2004

28. Dimopoulos, Feltes, Fountas, Robinson, Grigorian: "The correlation of admission Hunt and Hess grade with Modified Rankin Outcome Scale in patients with spontaneous subarachnoid hemorrhage", AANS/CNS 7th joint annual meeting Serebrovascular Section and American Society of interventional and therapeutic neuroradiology, San Diego, 2004
29. Dimopoulos, Feltes, Fountas, Robinson, Grigorian: "A proposed scale for the assessment of third nerve paresis associated with non-ruptured posterior communicating artery aneurysm", AANS/CNS 7th joint annual meeting Serebrovascular Section and American Society of interventional and therapeutic neuroradiology, San Diego, 2004
30. Karampelas, Fountas, Fjordback, Feltes, Robinson, Grigorian: "Neuropsychological status and overall functional capacity of patients undergoing surgery for cerebral aneurysm. Apparent discrepancy

JOURNAL ARTICLES

1. **Grigorian A**, Rajaraman V, Hunt CD: "Traumatic Intracranial Aneurysms Complicating Anterior Skull Base Surgery". *The Journal of Cranio-Maxillofacial Trauma* 1998; 4(3):10-14.
2. Lee HJ, Kalnin AJ, Holodny AI, Schulder M, **Grigorian A**, Sharer LR. "Hemorrhagic Chondroid Chordoma Mimicking Pituitary Apoplexy." *Neuroradiology*, (1998) 40:720-723.
3. Vaicys C, Schulder M, Singletary L, **Grigorian A**: Tumoral Calcinosi of the Lumbar Spine. *J Neurosurg (Spine)* 1999
4. Ceslovas Vaicys, Roy D. Vingan, Patrick Roth, **Arthur Grigorian**. "Splitting of the tentorium leaves through orbital injury". *The Journal of Trauma*. Vol.49, No7, 2000
5. Eugene Flamm, **Arthur Grigorian**, Alvin Marcovici. "The multifactorial analysis of the surgical outcome in the patients with unruptured middle cerebral artery aneurysms". *Annals of Surgery*. Vol. 232, No 4, 2000.
6. **Arthur Grigorian**, Eugene Flamm "Unruptured Internal Carotid Artery Aneurysms"- "*Book of Proceedings*" for the 12th World Congress of Neurosurgery, 2001.

7. Heary RF, Vaicys C, **Grigorian AA**: “Twinning of the cervical root, mimicking a neoplasm”, J Neurosurg, (Spine) 97:398, 2002
8. **Arthur A. Grigorian**, Alvin Marcovici, Eugene Flamm: “Intraoperative factors associated with surgical outcome in patients with unruptured cerebral aneurysms:the experience of a single surgeon”, J Neurosurg, volume 99, September 2003.
9. K.N.Fountas, E.Z. Kapsalaki, C.N. Feltes, H.F. Smisson, K.W. Johnston, **A. Grigorian**, J.S.Robinson: “Diassociation between intracranial and systemic temperatures as an early sign of brain death”. Journal of neurosurgical anesthesiology, Vol 15. No2, 87-89, 2003
10. Dimopoulos V, Fountas K, Kassam M, Feltes C, Vogel R, Robinson JS, Grigorian A:”Effect of advance age in subjective surgical outcome of patients undergoing spine surgery” South Med J, 2005 May; 98(5):579-80
11. Fountas KN, Sitkauskas A, Feltes CH, Kapsalaki EZ, Dimopoulos VG, Kassam M, Grigorian AA, Robinson JR, Ragauskas A:”Is non-invasive monitoring on intracranial pressure waveform analysis possible? Preliminary results of a comparative study of non-invasive vs. invasive intracranial slow-wave waveform analysis monitoring inpatients with traumatic brain injury” Med Sci Monit Feb; 11(2): CR 58-63
12. Vassilios G Dimopoulos, Kostas N Fountas, Carlos H Feltes, Joe Sam Robinson, Arthur A Grigorian:”Literature review regarding the methodology of assessing third nerve paresis associated with non-ruptured posterior communicating artery aneurysms” Neurosurg Rev (2005) 28:256-260.
13. Vassilios G Dimopoulos, Kostas N Fountas, Theofilos G Machinis, Carlos H Feltes, Induk Chung, Kim Johnston, Joe Sam Robinson and Arthur A Grigorian: “Postoperative cauda equine syndrome in patients undergoing single –level lumbar microdiscectomy” Report of two cases, Neurosurg Focus 19 (2):E11, 2005
14. Grigorian AA””Correlation of postoperative outcome with severity of the third nerve paresis in patients with non-ruptured posterior communicating artery aneurysms” International scientific conference /Proceeding, Yerevan, 2005, 148-149

15. Фанарджян РВ, Григориан АА, “ Церебральный артериальный спазм после спонтанных субарахноидальных кровоизлияний”, International scientific conference /Proceeding, Yerevan, 2005, 365-366.