

## Curriculum Vitae

### 1. Personal Particulars:



<b>Surname:</b>	Rahmanian
<b>First name:</b>	Abdolkarim
<b>Date of birth:</b>	23/6/1968
<b>Place of Birth:</b>	Jahrom, Fars, Iran
<b>Nationality:</b>	Iranian
<b>Status:</b>	Married, Two daughters

**Degree:** M.D., Specialty in Neurological Surgery  
Neurosurgeon, Department of Neurosurgery, Shiraz University of Medical Sciences, Shiraz, Iran

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### Current Address:

1508- 1060 Alberni street. V6E 4K2. Vancouver, British Columbia, Canada

### Language abilities:

1. English: Native Speaking level – Excellent written command
2. Farsi (Mother tongue)

## **2. Professional Education and Qualifications:**

### **Graduate and Post-Graduate Qualifications:**

M.D. Degree (1995)

Specialty in Neurological Surgery, Shiraz University of Medical Sciences, Shiraz, Iran (2003)

### **Thesis Title:**

Effect of Dexamethasone on ICP and Outcome in closed severe Head Injury on 50 cases in Fars – IRAN; 2000-2002 (presented in Neurosurgery Congress in Australia in 2001 as Poster)

### **Education**

- Course of Endovascular Treatment of Cerebral Aneurysms, China
- Neurovascular surgery fellowship, Helsinki, Finland
- Specialty in Neurological Surgery, Shiraz University of Medical Sciences, Shiraz, Iran. Sep 1998- Sep 2003( Top ranked in all annual promotion exams)
- Doctorate of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran Sep 1987- Sep 2003 (Ranked in top 10%)
- High School Diploma, Jahrom, Iran (Top ranked)

### **3. Special Honors:**

- Chief of Neurosurgery Department Shiraz University of Medical Sciences, Shiraz, Iran (2016-2020)
- Vice chancellor for Education of Neurosurgery Department, Shiraz University of Medical Sciences, Shiraz, Iran (2011-2016)

### **4. Research and Practice Areas of Interest:**

- Establishing the tertiary center for Microvascular surgery of Cerebral Aneurysms in Shiraz, Southern Iran
- Cohort of Cerebral Aneurysms in Southern Iran
- Cohort of MoyaMoya disease in Southern Iran
- Endovascular treatment of vascular lesions in Southern Iran
- Proteomics and Genomics of Cerebral Aneurysms
- Inflammatory cytokines and the rupture of Cerebral Aneurysms
- Neuroepidemiology of Cerebral Aneurysms

## 5. Professional Membership:

- Membership of Neurosurgical Society of IRAN since May 2004
- May 2017- date: Member of National Board of Neurological Surgery

## 6. Teaching experiences:

- Shiraz Medical School, Neurosurgery department (2006 - 2020) in Neuroanatomy, Neurophysiology, Cerebrovascular Diseases, Surgical and Interventional Treatments of Cerebrovascular Lesions.

## 7. Publications:

- 1- Rakei SM, Taghipour M, Safarian A, Rahmanian A. Spina bifida aperta in southern Iran, 15 years experience. Iran Red Crescent Med J. 2007 Oct 1;9(4):191-6.
- 2- Alibai EA, Rahmanian AK, Razmkon A, Nabavizadeh SA. Tension pneumocephalus following pterional craniotomy for treatment of intracavernous internal carotid artery aneurysm. Emergency radiology. 2008 Nov 1;15(6):441-4.
- 3- Rakei SM, Rahmanian A, Safarian A, Azarpira N, Mehrabani D. The effect of biogluce on cerebral cortex in experimental rats. Iran Red Crescent Med J. 2009 Jan 1;11(1):61-5.
- 4- Zabihyan S, Etemadrezaie H, Baharvahdat H, Bateni F, Rajabi P, Nekooei S, Ahmadi S, Pooyan A, Rahmanian A, Jamali M. What is the real incidence of aneurysmal subarachnoid hemorrhage in the Middle East? A preliminary multicenter study in Iran.
- 5- Rakei SM, Rahmanian A, Saffarian A, Shafeian R, Mehrabani D. Function recovery after transplantation of fetal brain tissue into injured spinal cord in experimental rats. Journal of Applied Animal Research. 2009 Dec 1;36(2):303-6.
- 6- Rahmanian A, Jamali M, Razmkon A, Kivelev J, Romani R, Alibai EA, Hernesniemi J. Benefits of early aneurysm surgery: Southern Iran experience. Surgical neurology international. 2012;3.
- 7- Farrokhi MR, Rahmanian A, Masoudi MS. Posterolateral versus posterior interbody fusion in isthmic spondylolisthesis. Journal of neurotrauma. 2012 May 20;29(8):1567-73.
- 8- Azarpira N, Pourjafar M, Rahmanian A. Inadvertent Intrathecal Injection of Inappropriate Ionic Contrast Media for Myelography. Neurosurgery Quarterly. 2013 Nov 1;23(4):275-7.
- 9- Rahmanian A, Rakei SM, Mehrabani G. Prevalence of Medulloblastoma in Shiraz, Southern Iran. Middle East Journal of Cancer. 2013 Jul 1;4(3):135-6.

- 10- Haghnegahdar A, Niknam H, Rahmanian A, Bagheri MH, Razmkon A, Nemati A, Nasrizadeh-Moqaddam S. Is Conventional Radiography Sufficient for Postoperative Analysis of Pedicle Screw Placement in Thoracic and Lumbosacral Spinal Fixation?. *Neurosurgery Quarterly*. 2014 Nov 1;24(4):233-6.
- 11- Rahmanian A, Haghnegahdar A, Rahmanian A, Ghaffarpasand F. Effects of Intracranial Pressure Monitoring on Outcome of Patients with Severe Traumatic Brain Injury; Results of a Historical Cohort Study. *Bulletin of Emergency & Trauma*. 2014 Oct;2(4):151.
- 12- Rahmanian A, Seifzadeh B, Razmkon A, Petramfar P, Kivelev J, Alibai EA, Hernesniemi J. Outcome of decompressive craniectomy in comparison to nonsurgical treatment in patients with malignant MCA infarction. *Springerplus*. 2014 Dec;3(1):115.
- 13- Rahmanian A, Ashraf MH, Owji SM. Report of a Case: An Intradural between Roots Capillary Hemangioma of Cauda Equina. *IrJNS*. 2015;1:44-6.
- 14- Rahmanian A, Mohebbali N, Haghnegahdar A, Kamali Sarvestani E, Razmkon A, Kivelev J, Baghban F. Serum levels of monocyte chemoattractant protein-1 correlate with poor clinical grades in cerebral aneurysms. *Iranian Journal of Immunology*. 2015 Dec 1;12(4):302-10.
- 15- Rahmanian A, Minagar S, Rakei SM, Taghipoor M, Mehrabani G, Razmkon A. A survey of tandem spinal stenosis in Shiraz, Southern Iran. *Neurosurgery Quarterly*. 2015 May 1;25(2):246-9.
- 16- A Rahmanian, N Derakhshan, M Heidari-Esfahani, N Azarpira. Subarachnoid Hemorrhage With Ruptured Aneurysm at the Anterior Cerebral Artery in a Patient With Systemic Lupus Erythematosus. *Neurosurgery Quarterly* 25 (3), 362-364, 2015
- 17- A Rahmanian, N Derakhshan. Fenestrated azygos A2 segment: a rare anatomic variation. *Neurovascular Imaging* 1 (1), 1, 2015
- 18- Rahmanian A, Malekpour F, Rakei SM, Ghaffarpasand F, Mehrabani G. The effects of bupivacaine on postoperative back pain after lumbar laminectomy: A randomized clinical trial. *Neurosurgery Quarterly*. 2016 Nov 1;26(4):293-7.
- 19- Rakei SM, Rahmanian A, Aarabi B, Etaati H. Tumor-Epilepsy in Southern Iran.
- 20- Rahmanian A. Surgical treatment of Internal Carotid Artery- Ophthalmic Segment Aneurysms; A Single Center Experience from Southern Iran.
- 21- Haghnegahdar A, Sedighi M, Rahmanian A, Baghban F. Cervical Ligamentum Flavum Hematoma: A Case Report. *Global spine journal*. 2016 Feb;6(1):30-4.
- 22- Rahmanian A. Neurovascular Surgery In Shiraz; 10 Years of Subspecialty Experience.

- 23- Rahmanian A, Jamali M, Lankarani KB, Ghahramani S. Aneurysmal subarachnoid haemorrhage (1): Five consecutive years' experience of Fars province, Iran. *PloS one*. 2017 Nov 30;12(11):e0189005.
- 24- Rahmanian A, Ghaffarpassand F, Derakhshan N. Surgical Outcome of Patients with Very Small Intracranial Aneurysms: A Single-Center Experience from Southern Iran. *World Neurosurgery*. 2017;98:470-8.
- 25- Rahmanian A. Scaled multiple holes suction tip for microneurosurgery; Technical note. *Interdisciplinary Neurosurgery*. 2017 Dec 1;10:44-5.
- 26- Rahmanian A, Masoudi MS, Ghaffarpassand F, Ashraf MH, Alibai E. Outcome of Microsurgical Revascularization in Patients with Moyamoya Disease: First Report from the Iranian Population. *Turkish neurosurgery*. 2017;28(3).
- 27- A Rahmanian, N Derakhshan, AM Sisakht, NK Ziarati, HR Shahraki, S Motamed. Risk Factors for Unfavorable Outcome in Aneurysmal Subarachnoid Hemorrhage Revisited; Odds and Ends. *Bulletin of emergency & trauma* 2018; 6 (2), 133-140
- 28- Rahmanian A, Sisakht AM, Derakhshan N, Ziarati NK, Shahraki HR, Najafi B. Fresh Frozen Plasma versus Albumin in Treatment of Cerebral Vasospasm in Subarachnoid Hemorrhage: A Historical Cohort Study. *World J Surg Surgical Res*. 2018; 1.;1002.
- 29- Rahmanian A, Derakhshan N, Alibai EA. Outcome of In-Hospital Rebleeding and Early Aneurysm Rupture at the Referral Center. *Iranian Journal of Neurosurgery* 4 (2), 93-100
- 30- Eghbal K, Rakhsha A, Saffarian A, Rahmanian A, Abdollahpour HR, Ghaffarpassand F. Surgical Management of Adult Traumatic Atlantoaxial Rotatory Subluxation with Unilateral Locked Facet; Case Report and Literature Review. *Bulletin of Emergency & Trauma*. 2018 Oct;6(4):367.
- 31- Rahmanian A, Sisakht AM, Derakhshan N, Ziarati NK, Owji SH, Shahraki HR. Long-Versus Short-Term Seizure Prophylaxis After Craniotomy for Clipping in Aneurysmal Subarachnoid Hemorrhage; A Retrospective Cohort Study. *Archives of Neuroscience*.(In Press).

**Social Interests:**

- Persian Classic Music