

# Curriculum Vitae



## **Personal data**

Name: Ahmad Soltani,

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[a\\_soltani@sums.ac.ir](mailto:a_soltani@sums.ac.ir)

Marital status: Married

No. of children: 2

## **Present Position:**

Assistant professor of neurosurgery

Fellowship of Stereotactic and Functional Neurosurgery

Division Chief: Epilepsy and Functional Neurosurgery

Department of Neurosurgery

Shiraz University of Medical Science

## **Education and Postgraduate Working:**

**School Diploma:** Shiraz University High School, Iran, 1985

**MBBS:** Al-Ameen Medical Collage Karnataka University India, 1987-1994

**MD:** Shiraz University of Medical Science, 1995-1996

**Postgraduate Mandatory program:** Working as a General Practitioner, 1996-2000

**Residency of Neurosurgery:** Kerman University of Medical Science, 2000-2005

**Chief Resident of Neurosurgery,** 2004-2005

**Neurosurgery Board Certificate,**2005

**Postgraduate Mandatory Program, Working as a Neurosurgeon,** 2005-2007

**Assistant professor of neurosurgery,** Jondishapour University of Medical Sciences, Ahwaz, Iran, 2007 to 2015

**Program Director of Department of Neurosurgery,** Jondishapour University of Medical Sciences, Ahwaz, Iran, 2009-2011

**Fellowship of Stereotactic and Functional Neurosurgery,** Shahid Beheshti University of Medical Sciences, 2011-2013

**Complementary Training Course of Stereotactic and Functional Neurosurgery in 2013** for three months in:

1) University Medical Center, Hamburg-Eppendorf , Germany

2) International Institute of Neuroscience –Hannover (INI), Germany

**Observing Skull base surgery and surgery of brainstem cavernoma,** International Institute of Neuroscience –Hannover (INI), Germany, 2013

**Endoscopic Skull base Surgery Course,** hands-cadaver dissection in Leipzig, Germany: 2013

**Division chief, Functional and Epilepsy Surgery,** Shiraz University of Medical Science, Shiraz, Iran, since 2015

**Epilepsy surgery and SEEG in Thomas Jefferson University:** March 2018-September 2018

## **Membership:**

Member of neurosurgical society- Iran

International Member of Congress of Neurological Surgeons (CNS) -USA

## **Honors and Awards:**

Three times received the excellence awards in annual selection:

[1] By Iran Medical Council in Sirjan, 2010

[2] By Social Security Organization in Sirjan, 2010

[3] By Social Security Organization in 2011 in Ahwaz.

## **Articles:**

### 1) Neuromodulation and Epilepsy

MD Ahmad Soltani, I Sharan, MD and Ashwini Sharan

Practical Neurology 10

### 2) Evaluation of the Effect of Repetitive Transcranial Magnetic Stimulation of Motor Cortex on Failed Back Surgery Syndrome Pain Control in Short Term; a pilot study

Ahmad Soltani, Mahsa Ghavapisheh, Ramin Manouchehri Ardakani ,Reza Farrokhi

December 2022Journal of Neurological Surgery. Part A: Central European Neurosurgery

### 3) treatment of cystic craniopharyngioma with intracystic stereotactic instillation of Phosphorus 32

S Shahzadi, A Soltani, A Shahzadi, K Parsa Iranian Journal of Child Neurology 11 (3), 31

### 4) Primary Malignant Brain Tumor Trends in Southern Iran, 2001- 2017: An Alarming Increase In Glioblastoma. Journal of Surgery and Research 5 (2022): 284-295.

Ahmad Soltani, Iman Ahrari, Meisam Eqbal, Seyed Hossein Owji, Amir Mousaie Amin, Zahra Khosravizadegan, Mahsa Ghavapisheh, Abbas Rezaianzadeh, Hadi Raeisi Shahraki

5) Effects of early decompressive craniectomy on functional outcome of patients with malignant middle cerebral artery infarctions

A Soltani, MA Mashari, SE Mohammadianinejad, SA Pishva, SM Pishva, ...

Current Journal of Neurology 19 (4), 215

6) Intraoperative Neurophysiology Monitoring During Selective Dorsal Rhizotomy for Spastic Cerebral Palsy

S Salehi, H Nemati, A Soltani

Iranian Journal of Neurosurgery 4 (2), 117-122

7) The Effect of Different Concentrations of Methylprednisolone on Survival, Proliferation, and Migration of Neural Stem/Progenitor Cells

Z Bagheri, F Shamsi, Z Zeraatpisheh, M Salmannejad, A Soltani, ...

Basic and Clinical Neuroscience 13 (2), 207-214

8) A Simple Panel of IDH1 and P53 in Differential Diagnosis Between Low-Grade Astrocytoma and Reactive Gliosis

B Geramizadeh, M Kohandel-Shirazi, A Soltani

Clinical Pathology 14, 2632010X20986168

9) Amitriptyline Pharmacokinetics in Experimental Spinal Cord Injury in the Rabbit

MSM H. Reihanikermani,<sup>1</sup> M. Ansari,<sup>1,\*</sup> A. Soltani Indian J Pharm Sci 70 (6)

10) Giant-Cell Tumor Of Third Lumbar Vertebrae: A Case Report

SF A Soltani, S Adel, M Mashari, M Panahbekhoda

The Internet Journal of Neurosurgery 12 (8)

11) Intracranial Spread Of Intramedullary A Spinal Cord Ependymoma

SF S Rasras, A Soltani, R ilkhchi, M Panahbekhoda, M Mashari

The Internet Journal of Neurosurgery 2 (7)

12) Survey Effect of Cyproheptadine - Baclofen and CyproheptadineBaclofen-Thizanidine Regimens on Spasticity in Patients with Traumatic Brain Injury

AA Saleh Rasras 1 , Soheil Fallahpour 1\* , Masud Zeinali 1 , Ahmad Soltani 1 ...

sian J. Med. Pharm. Res. 4 (2)

13) Application of the HEART method to enhance patient safety in the intensive care unit

Beirouti M, Kamalinia M, Daneshmandi H, Soltani A, Dehghani P, Fararoei M, Zakerian SA, Zamanian Z.. Work. 2022;72(3):1087-1097. doi: 10.3233/WOR-205338. PMID: 35634817.

14)Eye movement in reading and linguistic processing among bilingualism in oculomotor apraxia in patients with aphasia , 2023 .doi: 10.1177/02646|96221||45378

**International seminars, webinar presentations and posters:**

- Technical Note in Endoscopic Suctioning and Removal of Intra-ventricular Tumors (Personal experience). Presented in the 1st International Congress Of Neurosurgery in Orumiyeh, IRAN - November 2017.
- Intraoperative Neurophysiology Monitoring during Dorsal Root Rhizotomy in Spastic Cerebral Palsy. Presented in 6<sup>th</sup> international neuroscience conference. Iran University of Medical Sciences, 2017
- Brain Stimulation and Treatment of Epilepsy. Presented in International Neuroscience Forum (Neurotechnology and Brain mapping), Oct. 24-26, 2018, Shiraz- Iran.
- Personal experience about a Technical Note in Endoscopic Suctioning and Removal of Intra-ventricular Tumors. Presented in the 1st International Congress Of Neurosurgery in Orumiyeh, Iran, November 2017
- WT1-mRNA Overexpression in the Glioblastoma Multiform (GBM) Patients. Presented in the 15th International Congress of Immunology and Allergy, Jan. 2021, Ahvaz, Iran.

**Main lectures**

- Traumatic Brain Injury, in Gharazi Hospital, Sirjan. 2007
- The Principles of Stereotactic Neurosurgery, Shohada Tajrish Hospital, 2011
- Mechanism of Action and Effectiveness of Selective Dorsal Rhizomes in Spasticity Secondary to Cerebral Palsy, in Annual neuroscience conference in Iran University of Medical Sciences
- Organizing the functional neurosurgery meeting in Namazi Hospital, Shiraz University of Medical Sciences
- History of DBS and Outcome of deep brain stimulation in Parkinson's disease, comparing two targets STN and Gpi. Shiraz University of Medical Sciences
- Surgical and Neuromodulatory approaches: Shiraz University of Medical Sciences, Iran, 2016

## **Special Field of Activity and Research Interests**

- Epilepsy Surgery
- Vagal Nerve Stimulation
- Deep Brain Stimulation (DBS)
- Pain Management including Spinal Cord Stimulation, DREZ ablation.
- Research in the Field of Immunotherapy for Glioblastoma Multiform (GBM)
- Spinal Surgery and Instrumentation

## **Hobbies**

Reading

Karate (Kyokushinkai-style)

Running

## **Language Skills**

Persian: Mother tongue

English: Reading, writing, speaking

Hindi (Urdu): Speaking

