

Curriculum Vitae

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Department of Neurosurgery

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Personal Data:

Date of birth: 26 Jun 1972

Place of birth: Shiraz, Iran

Marital status: Married with 1 daughter and 1 Son

Health condition: Good

Education:

- High School Diploma: Tohid Magnet School September 1990

Shiraz, Fars, Iran

- MD, January 1998

Azad University Tehran Medicine Branch

Tehran, Iran

- National Board of Neurosurgery, 2013

Shiraz University of Medical Sciences

Shiraz, Iran

Professional Positions:

- Director of Rajae (Emtiaz) Hospital, May 2021-Present
- Vice-chancellor for Neurosurgery Department of Shiraz University of Medical Sciences, May 2021-Present
- Associated Professor of Neurosurgery, 2021
Shiraz University of Medical Sciences, Shiraz, Iran
- Full Time Member of Trauma Research Center, 2016-present
Rajae Trauma Hospital, Shiraz, Iran
- ATLS Instructor, 2017- Present
Trauma Research Center, Shiraz University of Medical Sciences, Shiraz, Iran
- The manager of Neurosurgery ICU, 2015- Present
Rajae Trauma Hospital, Shiraz University of Medical Sciences, Shiraz, Iran
- Forensic Consultant, 2014-Present
- Expert of Shiraz Medical Council 2015-Present
- Responsible for Training under Graduate Medical Student in Neurosurgery
2015-Present
- Member of the Diagnosis and Verification Team of Brain Death and Organ
Donation, Ministry of Health, 2014-Present
- Member of AO Spine, 2013-present
- Deputy of Shiraz Health Center (shohadaye valfajr), Shiraz 2005-2008
- Head of Health of Zarghan Area, Shiraz, 2004-2005
- Emtiaz Hospital Bed Manager, 2018-present
- Member of the Emtiaz Hospital Committee on Medical Errors and Mortality,
2015-present.
- Councilor of Shiraz Medical University Deputy of Treatment and Medication,
Shiraz, 2010

Publication:

Nourelahi M, Dadboud F, Khalili H, Niakan A, Parsaei H. A machine learning model for predicting favorable outcome in severe traumatic brain injury patients after 6 months. *Acute Crit Care*. 2022 Jan 21. doi: 10.4266/acc.2021.00486. Epub ahead of print. PMID: 34762793.

Abdolrahimzadeh FH, Abbassi H, Sefidbakht S, Iranpour P, Taheri AA, NIAKAN A, et al. Evaluating The Sensitivity And Specificity Of Ct Scan Images In The Screening Of Trauma Patients With Covid-19. 2021.

Niakan A, Khalili H, Taheri R. The Long-Term Prospective Follow up Protocol for the Treatment of Chronic Subdural Hematoma: A Dexapril Study. *Sadra Medical Journal*. 2021;9(2):153-8.

Khalili H, Kashkooli NR, Niakan A, Asadi-Pooya AA. Risk factors for post-traumatic epilepsy. *Seizure*. 2021 Jul;89:81-84. doi: 10.1016/j.seizure.2021.05.004. Epub 2021 May 13. PMID: 34023655.

Hosseini S, Niakan A, Dehghankhalili M, Dehdab R, Shahjouei S, Rekabdar Y, Shaghaghian E, Shaghaghian A, Ghaffarpassand F. Effects of adhesion barrier gel on functional outcomes of patients with lumbar disc herniation surgery; A systematic review and meta-analysis of clinical trials. *Heliyon*. 2021 Jun 11;7(6):e07286. doi: 10.1016/j.heliyon.2021.e07286. PMID: 34189319; PMCID: PMC8220332.

Khalili H, Rakhsha A, Ghaedian T, Niakan A, Masoudi N. Application of Brain Perfusion SPECT in the Evaluation of Response to Zolpidem Therapy in Consciousness Disorder Due to Traumatic Brain Injury. *Indian J Nucl Med*. 2020 Oct-Dec;35(4):315-320. doi: 10.4103/ijnm.IJNM_97_20. Epub 2020 Oct 21. PMID: 33642756; PMCID: PMC7905279.

Haghnegahdar A, Behjat R, Saadat S, Badhiwala J, Farrokhi MR, Niakan A, Eghbal K, Barzideh E, Shahlaee A, Ghaffarpassand F, Ghodsi Z, Vaccaro AR, Sadeghi-Naini M, Fehlings MG, Guest JD, Derakhshan P, Rahimi-Movaghar V. A Randomized Controlled Trial of Early versus Late Surgical Decompression for Thoracic and Thoracolumbar Spinal Cord Injury in 73 Patients. *Neurotrauma Rep*. 2020 Sep 18;1(1):78-87. doi: 10.1089/neur.2020.0027. PMID: 34223533; PMCID: PMC8240887.

Ghaffarpassand F, Dehghankhalili M, Boroujeni ZM, Ilami G, Niakan A. In Reply to the Letter to the Editor Regarding "Intravenous Acetaminophen (Paracetamol) for Postcraniotomy Pain; Systematic Review and Meta-analysis of Randomized Clinical Trials". *World Neurosurg*. 2020 Aug;140:458-459. doi: 10.1016/j.wneu.2020.05.183. PMID: 32797975.

Khalili H, Ahl R, Paydar S, Sjolín G, Cao Y, Abdolrahimzadeh Fard H, **Niakan A**, Hanna K, Joseph B, Mohseni S. Beta-Blocker Therapy in Severe Traumatic Brain Injury: A Prospective Randomized Controlled Trial. *World J Surg*. 2020 Jan 30. doi: 10.1007/s00268-020-05391-8. [Epub ahead of print] PubMed PMID: 32002583.

Ghaffarpassand F, Dadgostar E, Ilami G, Shoaee F, **Niakan A**, Aghabaklou S, Ghadimi M, Goudarzi S, Dehghankhalili M, Alavi MH. Intravenous Acetaminophen (Paracetamol) for Postcraniotomy Pain: Systematic Review and Meta-Analysis of Randomized Controlled Trials. *World Neurosurg.* 2020 Feb;134:569-576. doi: 10.1016/j.wneu.2019.11.066. Epub 2019 Nov 20. Review. PubMed PMID: 31756498.

Khalili H, Ghaffarpassand F, **Niakan A**, Golestani N, Ahrari I, Abbasi HR, Rasti A. Determinants of reoperation after decompressive craniectomy in patients with traumatic brain injury: A comparative study. *Clin Neurol Neurosurg.* 2019 Jun;181:1-6. doi: 10.1016/j.clineuro.2019.03.030. Epub 2019 Apr 1. PubMed PMID: 30954701.

Khalili H, **Niakan A**, Ghaffarpassand F, Kiani A, Behjat R. Outcome Determinants of Decompressive Craniectomy in Patients with Traumatic Brain Injury; A Single Center Experience from Southern Iran. *Bull Emerg Trauma.* 2017 Jul;5(3):190-196. PubMed PMID: 28795064; PubMed Central PMCID: PMC5547207.

Khalili H, Ahl R, Cao Y, Paydar S, Sjölin G, **Niakan A**, Dabiri G, Mohseni S. Early selenium treatment for traumatic brain injury: Does it improve survival and functional outcome? *Injury.* 2017 Sep;48(9):1922-1926. doi: 10.1016/j.injury.2017.07.005. Epub 2017 Jul 8. PubMed PMID: 28711170.

Khalili H, Sadraei N, **Niakan A**, Ghaffarpassand F, Sadraei A. In Reply to "Intracranial Pressure Monitoring in Traumatic Brain Injury". *World Neurosurg.* 2017 Apr;100:704-705. doi: 10.1016/j.wneu.2017.01.087. PubMed PMID: 28437883.

Khalili H, Paydar S, Safari R, Arasteh P, **Niakan A**, Abolhasani Foroughi A. Experience with Traumatic Brain Injury: Is Early Tracheostomy Associated with Better Prognosis? *World Neurosurg.* 2017 Jul;103:88-93. doi: 10.1016/j.wneu.2017.02.060. Epub 2017 Feb 22. PubMed PMID: 28254541.

Khalili H, Derakhshan N, **Niakan A**, Ghaffarpassand F, Salehi M, Eshraghian H, Shakibafard A, Zahabi B. Effects of Oral Glibenclamide on Brain Contusion Volume and Functional Outcome of Patients with Moderate and Severe Traumatic Brain Injuries: A Randomized Double-Blind Placebo-Controlled Clinical Trial. *World Neurosurg.* 2017 May;101:130-136. doi: 10.1016/j.wneu.2017.01.103. Epub 2017 Feb 7. PubMed PMID: 28185976.

Khalili H, **Niakan A**, Ghaffarpassand F. Massive Pneumocephalus and Pneumorrhachis after Severe Skull Base Fracture. *Bull Emerg Trauma.* 2016 Oct;4(4):248-249. PubMed PMID: 27878133; PubMed Central PMCID: PMC5118580.

Khalili H, **Niakan A**, Ghaffarpasand F. Effects of cerebrolysin on functional recovery in patients with severe disability after traumatic brain injury: A historical cohort study. *Clin Neurol Neurosurg*. 2017 Jan;152:34-38. doi: 10.1016/j.clineuro.2016.11.011. Epub 2016 Nov 15. PubMed PMID: 27871029.

Khalili H, Sadraei N, **Niakan A**, Ghaffarpasand F, Sadraei A. Role of Intracranial Pressure Monitoring in Management of Patients with Severe Traumatic Brain Injury: Results of a Large Level I Trauma Center in Southern Iran. *World Neurosurg*. 2016 Oct;94:120-125. doi: 10.1016/j.wneu.2016.06.122. Epub 2016 Jul 5. PubMed PMID: 27392896.

Rahimi-Movaghar V, **Niakan A**, Haghnegahdar A, Shahlaee A, Saadat S, Barzideh E. Early versus late surgical decompression for traumatic thoracic/thoracolumbar (T1-L1) spinal cord injured patients. Primary results of a randomized controlled trial at one year follow-up. *Neurosciences (Riyadh)*. 2014 Jul;19(3):183-91. PubMed PMID: 24983279; PubMed Central PMCID: PMC4727651.

Congress & Workshop:

- Trauma Congress of Iranian General Surgery, Fars Branch, Shiraz, 2015
- 10th theoretical and practical International course in peripheral nerve and brachial plexus surgery, Leon, Spain, 2016
- The first live demonstration course in Neurosurgery, Shiraz, 2017
- 42th congress of Iranian Association of Surgeons, Tehran, Iran, 2017

Field of Interest:

- Trauma and emergency management
- Peripheral Nerve Surgery
- Spine Surgery