

## CV of Parisa Azimi, Neurosurgeon



**Date of birth:** Ahwaz, Iran 19 September 1977

**Education:**

**Farzanagan high school, Ahwaz, Iran**

diploma of science

1982– 1996

**Jondi-Shapour University, Ahwaz, Iran**

medical degree, medicine

1997-2004

**Shahid Beheshti University of Medical Sciences, Tehran, Iran**

Neurosurgery resident

2007-2013

**Distinguished Scholar**

Shahid Beheshti University of Medical Sciences, Tehran, Iran

2012

**Neurosurgeon**

Functional Neurosurgery Research Center of Shohada Tajrish Hospital, Shahid Beheshti University of Medical Sciences, Sharadari St., Tajrish Square, Tehran 1989934148, Iran.

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**Stereotactic and Functional Neurosurgery Fellowship**

September 2017– Present Tehran Iran

Stereotactic and Functional Neurosurgery Fellowship, Functional Neurosurgery Research Center, Shahid Beheshti University Of Medical Sciences, Tehran, Iran

**Advisor in Clinical Section ( Neurosurgeon ) of National Brain Mapping**

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**My articles in Researchgate**

[https://www.researchgate.net/profile/Parisa\\_Azimi](https://www.researchgate.net/profile/Parisa_Azimi)

# 1. Manuscripts were published

## *a. English language:*

1. **Azimi P**, Benzel EC. The Low-Back Outcome Scale and the Oswestry disability index: are they reflective of patient satisfaction after discectomy? A cross sectional study. *J Spine Surg.* 2017 Dec;3(4):554-560. **PubMed**.
2. **Azimi P**, Yazdanian T, Benzel EC. Preliminary Results of Relationship between Preoperative Walking Ability and Magnetic Resonance Imaging Morphology in Patients with Lumbar Canal Stenosis: Comparison between Trefoil and Triangle Types of Spinal Stenosis. *Asian Spine J.* 2017 Aug;11(4):580-585. **PubMed**.
3. **Azimi P**, Yazdanian T, Montazeri A. Validation of the Iranian Version of the ECOS-16 Questionnaire in Patients with Osteoporotic Vertebral Fractures. *Asian Spine J.* 2017 Aug;11(4):586-593. **PubMed**
4. **Azimi P**, Mohammadi HR, Benzel EC, Shahzadi S, Azhari S, Montazeri A. Decision-making process in patients with lumbar spinal canal stenosis. *Journal of Neurosurgical Sciences* 2017 August;61(4):388-94. *J Neurosurg Sci.* 2017 August;61(4):388-94. **1.54 Impact Factor**
5. **Azimi P**, Azhari S, Benzel EC, Khayat Kashany H, Nayeb Aghaei H, Mohammadi HR, Ebrahimi M. Outcomes of Surgery in Patients with Lumbar Spinal Canal Stenosis: Comparison of Three Types of Stenosis on MRI. *PLoS One.* 2016 Jun 22;11(6):e0158041. **3.2 Impact Factor**
6. **Azimi P**, Benzel EC. Cut-Off Value for Pain Sensitivity Questionnaire in Predicting Surgical Success in Patients with Lumbar Disc Herniation. *PLoS One.* 2016 Aug 5;11(8):e0160541. **3.2 Impact Factor**
7. **Azimi P**, Benzel EC, Montazeri A. Predictive Score Card in Lumbar Disc Herniation: Is It Reflective of Patient Surgical Success after Discectomy? *PLoS One.* 2016 Apr 21;11(4):e0154114. **3.2 Impact Factor**
8. **Azimi P**, Benzel EC, Shahzadi S, Azhari S, Mohammadi HR. The prediction of successful surgery outcome in lumbar disc herniation based on artificial neural networks. *J Neurosurg Sci.* 2016 Jun;60(2):173-7. **1.54 Impact Factor**
9. Mohammadi HR, **Azimi P\***, Benzel EC, Shahzadi S, **Azhari S**. The role of stenosis ratio as a predictor of surgical satisfaction in patients with lumbar spinal canal stenosis: a receiver-operator characteristic (ROC) curve analysis. *J Neurosurg Sci.* 2016 Sep;60(3):345-9. **1.65 Impact Factor**
10. **Azimi P**. Transcranial Focused Ultrasound in Functional Neurosurgery for Essential Tremor and Parkinson's Disease: A Review Article. *ICNSJ* 2016; 3 (3) :127-137
11. **Azimi P**, Movafeghi. Proton Therapy in Neurosurgery: A Historical Review and Future Perspective Based on Currently Available New Generation Systems. *ICNSJ* 2016; 3 (2) :59-80
12. **Azimi P**, Azhari S, Shahzadi S, Nayeb Aghaei H, Mohammadi HR, Montazeri A. Outcome Measure of Pain in Patients with Lumbar Disc Herniation: Validation Study of the Iranian version of Pain Sensitivity Questionnaire. *Asian Spine J.* 2016 Jun;10(3):480-7. **PubMed**
13. **Azimi P**, Benzel EC, Shahzadi S, Azhari S, Mohammadi HR. The Prediction of successful surgery outcome in lumbar disc herniation based on Artificial Neural Networks. *J Neurosurg Sci.* 2016 Jun;60(2):173-7. **1.65 Impact Factor**
14. **Azimi P**, Nayeb Aghaei H, Azhari S, Shazadi S, Khayat Kashany H, Mohammadi HR, Montazeri A. An Outcome Measure of Functionality and Pain in Patients with Low Back

Disorder: A Validation Study of the Iranian version of Low Back Outcome Score. *Asian Spine J.* 2016 Aug;10(4):719-27. **PubMed**

15. Azhari S, **Azimi P**<sup>\*</sup>, Shahzadi S, Mohammadi HR, Khayat Kashani HR. Decision-Making Process in Patients with Thoracolumbar and Lumbar Burst Fractures with Thoracolumbar Injury Severity and Classification Score Less than Four. *Asian Spine J.* 2016 Feb;10(1):136-42.. **PubMed**

16. **Azimi P**, Mohammadi HR, Benzel EC, Shahzadi S1, Azhari S. Lumbar Spinal Canal Stenosis Classification Criteria: A New Tool. *Asian Spine J.* 2015 9(3):399-406. **PubMed**

17. Nayeb Aghaei H, Azimi P, Shahzadi S, Azhari S, Mohammadi HR, Alizadeh P, Montazeri A. Outcome Measures of Functionality, Social Interaction, and Pain in Patients with Cervical Spondylotic Myelopathy: A Validation Study for the Iranian Version of the Copenhagen Neck Functional Disability Scale. *Asian Spine J.* 2015 Dec;9(6):901-8. **PubMed**

18. Nayeb Aghaei H, **Azimi P**<sup>\*</sup>, Shahzadi S, Azhari S, Mohammadi HR. Role of the self-administered, self-reported history questionnaire (SSHQ) to identify types of lumbar spinal stenosis (LSS): a sensitivity analysis. *Asian Spine J.* 2015 9(5):399-406. **PubMed**

19. **Azimi P**, Shahzadi S, Bitaraf MA, Azar M, Alikhani M, Zali A, Sadeghi S. Cavernomas: Outcomes after Gamma-Knife Radiosurgery In Iran. *Asian J Neurosurg.* 2015 Jan-Mar;10(1):49. **PubMed**

20. **Azimi P**, Mohammadi HR, Benzel EC, Shahzadi S, Azhari S, Montazeri A. Artificial Neural Networks in Neurosurgery: A Review of the Literature. *J Neurol Neurosurg Psychiatry* 2015;86:251–256. **6.8 Impact Factor**

21. Mohammadi HR, **Azimi P**<sup>\*</sup>, Zali AR, Montazeri A. An outcome measure of functionality and pain in patients with low back disorder: A validation study of the Iranian version of Core Outcome Measures Index Vol. 10, Issue 1, January- March 2015. **PubMed**

22. **Azimi P**, Mohammadi HR, Benzel EC, Shahzadi S, **Azhari S**. Use of Artificial Neural Networks to Predict Recurrent Lumbar Disc Herniation. *J Spinal Disord Tech.* 2015 Apr;28(3):E161-5. **2.29 Impact Factor**

23. **Azimi P**, Shahzadi S, Mohammadi HR, Shahzadi A, Montazeri A. Monitoring outcomes in children with acquired brain injury (ABI): a Persian validation study of Child and Family Follow-up Survey (CFFS). *J Neurosurg Sci.* 2015 Jan 8. [Epub ahead of print] **1.4 Impact Factor**

24. **Azimi P**, Benzel EC, Shahzadi S, Azhari S, Montazeri A. A validation study of the Iranian version of STarT Back Screening Tool (SBST) in lumbar central canal stenosis patients. *J Orthop Sci.* 2014 Mar;19(2):213-7. **1.15 Impact Factor**

25. **Azimi P**, Ghandehari HS, Sadeghi S, Azhari S, Aghaei HN, Mohammadi HR, Montazeri A. Severity of symptoms, physical functioning and satisfaction in patients with lumbar spinal stenosis: a validation study of the Iranian version of the Swiss Spinal Stenosis Score. *J Neurosurg Sci.* 2014 Sep;58(3):177-82. **1.4 Impact Factor**

26. **Azimi P**, Shahzadi S, Azhari S, Montazeri A. An outcome measure of functionality and quality of life in Iranian women with osteoporotic vertebral fractures: a validation study of the QUALEFFO-41. *J Orthop Sci.* 2014 Nov;19(6):860-7. **1.15 Impact Factor**

27. Tavasoli A, **Azimi P**, Montazeri A. Reliability and validity of the Peabody Developmental Motor Scales-Second Edition (PDMS-2) for assessing motor development of low birth weight preterm infants. *Pediatr Neurol.* 2014 Oct;51(4):522-6. **1.42 Impact Factor**

28. **Azimi P**, Mohammadi HR. Predicting endoscopic third ventriculostomy success in childhood hydrocephalus: an artificial neural network analysis Clinical article. **J Neurosurg Pediatr**. 2014 Apr;13(4):426-32. **1.482 Impact Factor**
29. **Azimi P**, Benzel EC, Shahzadi S, Azhari S, Mohammadi HR. Use of artificial neural networks to predict surgical satisfaction in patients with lumbar spinal canal stenosis. **J Neurosurg Spine**. 2014 Mar;20(3):300-5. **2.126 Impact Factor**
30. Anand I. Rughani, Travis M. Dumont, Bruce I. Tranmer **Azimi P**, M.D., and Edward C. Benzel. Predicting surgical satisfaction using artificial neural networks. Editorial. **J Neurosurg: Spine** / January 17, 2014. **2.126 Impact Factor**
31. **Azimi P**, Rezaei O, Montazari A. An Outcome Measure of Functionality and Quality of Life in Patients With Cervical Myelopathy, **Iran Red Crescent Med J**. 2014 June; 16(6): e8102.
32. **Azimi P**, Mohammadi HR, Benzel EC, Shahzadi S, Azhari S. Use of artificial neural networks to decision making in patients with lumbar spinal canal stenosis. **J Neurosurg Sci**. 2014 Nov 11. [Epub ahead of print] **1.4 Impact Factor**
33. Shahzadi S, **Azimi P**<sup>\*</sup>, Parsa K. Long-Term Results of Stereotactic Brachytherapy (Temporary 125Iodine Seeds) for the Treatment of Low-Grade Astrocytoma (Grade II). **Iran Red Crescent Med J**. 2013;15(1):49-57. **0.676 Impact Factor**
34. **Azimi P**, Shahzadi S, Bitaraf MA, Azar M, Alikhani M, Zali A, Sadeghi S, Montazeri A. Brain metastases in cancer patients attending a Gamma Knife Center: A study from a single institute in Iran. **Asian Journal of Neurosurgery**. Published 2014. **PubMed**
35. **Azimi P**, Mohammadi H, Nayeb-Aghaei H, Azhari Sh, Safdari-Ghandehari H, Sadeghi S. Functionality Status and Surgical Outcome of Fenestration versus Laminotomy Discectomy in Patients with Lumbar Disc Herniation. **IrJNS**. 2015;1(1):23-27. **Islamic World Science Citation Center**
36. **Azimi P**, Shahzadi S, Mohammadi HR , Azhari S. Surgical outcomes and correlation ODI and ASIA scores in patients with thoracolumbar and lumbar burst fractures. **International Clinical Neuroscience Journal** Vol 2, No 1, Winter 2015 **Islamic World Science Citation Center**
37. **Azimi P**, Shahzadi S, Shahzadi A. Accuracy and complications of pedicle screw insertion for lumbar and thoracolumbar fractures. **International Clinical Neuroscience Journal**. 11/2014; 1(2):55-60 **Islamic World Science Citation Center**
38. **Azimi P**, Shahzadi S, Mohammadi HR, Alizadeh P, Shahzadi A. Surgery outcomes and functionality in patients with cervical spondylotic myelopathy **International Clinical Neuroscience Journal**. 11/2014; 1(2):48-50. **Islamic World Science Citation Center**
39. **Azimi P**, Shahzadi S, Mohammadi HR , Azhari S, Shahzadi A. Grading of MRI and STarT Back Screening Tool (SBST) in the diagnosis of severity of lumbar central canal stenosis: a sensitivity analysis. **International Clinical Neuroscience Journal** 2014; 1 (1):22-25 **Islamic World Science Citation Center**
40. **Azimi P**, Movafeghi A. Proton Therapy in Neurosurgery: A Historical Review and Future Perspective Based on Currently Available New Generation Systems. **International Clinical Neuroscience Journal** 2016; 3 (2) :59-80 **Islamic World Science Citation Center**
41. **Azimi P**, Shahzadi S, Montazeri A. Outcomes of Phosphorus-32 Intracavitary Irradiation for Craniopharyngiomas: A review of the literature. **International Clinical Neuroscience Journal** 2016; 3 (1):7-24. **Islamic World Science Citation Center**

42. **Azimi P.** User-friendly database software for the analysis of low back pain base on Japanese Orthopedic Association Back Pain Evaluation Questionnaire. **Jentashapir J Health Res** 2014;5(1):509-315 **Islamic World Science Citation Center**
43. **Azimi P,** Mohammadi HR, Zali AR. Comparing Outcomes Between L3/L4 and L4/ L5 Single-Level Laminectomy. **World Spinal Column Journal** 4: 7-10, 2013 **Islamic World Science Citation Center**
44. **Azimi P.** Quality of Life in Patients Before and After Surgery for a Lumbar Spinal Stenosis. **World Spinal Column Journal** 4: 11-14, 2013 **Islamic World Science Citation Center** 38.
- Azimi P,** Mohammadi HR. Surgical satisfaction and the correlation between grading system on MRI and the preoperative symptoms in patients with lumbar central canal stenosis. **World Spinal Column Journal** 4: 79-82, 2013 **Islamic World Science Citation Center**
45. **Azimi P,** Shahzadi S , Edward C. Benzel EC Functional evaluation using the modified Japanese Orthopedic Association score (mJOA) for cervical spondylotic myelopathy by age, gender, and type of disease **World Spinal Column Journal**, 2013 **Islamic World Science Citation Center**
46. **Azimi P,** Mohammadi HR, Montazeri A. An outcome measure of functionality and pain in patients with lumbar disc herniation: a validation study of the Japanese Orthopedic Association (JOA) score. **J Orthop Sci.** 2012 Jul;17(4):341-5. **1.15 Impact Factor**
47. **Azimi P,** Mohammadi HR, Refieezadeh M. Primary pineal melanoma presenting with leptomeningeal spreading in a 22-year-old. woman: a case report. **J Med Case Rep.** 2012 27;6(1):165 **PubMed**
48. **Azimi P,** Shahzadi S, Montazeri A. The Japanese Orthopedic Association Back Pain Evaluation Questionnaire (JOABPEQ) for low back disorders: a validation study from Iran. **J Orthop Sci.** 2012 Sep;17(5):521-5. **1.15 Impact Factor**
49. **Azimi P,** Mohammadi HR, Montazeri . An outcome measure of functionality in patients with lumbar spinal stenosis: a validation study of the Iranian version of the Neurogenic Claudication Outcome Score (NCOS), **BMC Neurology**, 2012. 12:101. **1.96 Impact Factor**
50. **Azimi P,** Shahzadi S, Benzel EC, Montazari A. Measuring motor, sensory and sphincter dysfunctions in patients with cervical myelopathy using the modified Japanese Orthopedic Association (mJOA) score: a validation study, **World Spinal Column Journal**, 2012
51. **Azimi P.** Comparing COMI and RMDQ-24, NCOS, ODI, JOA and SSS Questionnaires in in Patients with Lumbar Spinal Stenosis. **WScJ** 3: 87-90, 2012
52. **Azimi P,** Shahzadi S, Azhari S. Reliability comparison of measurements of lumbar central canal stenosis. **WScJ** 4: 83-87, 2013
53. **Azimi P,** Mohammadi HR . Brain abscess following meningitis in a neonate: report of three cases. **Iranian Journal of Clinical Infectious Diseases** , 2011 **Islamic World Science Citation Center**

***b. Persian language:***

1. Azhari Sh, **Azimi P,** Shabeh Poor M, Nayeb Aghaei H. Evaluation of the Thoracolumbar Injury Classification System (TLICS) in Thoracolumbar Fractures. **Pejouhandeh** 2012;16(6):293-98.
2. Shahzadi S, **Azimi P,** Zali A, Parsa Kh. Outcomes of Stereotactic Brachytherapy (temporary <sup>125</sup>Iodine seeds) for the treatment of low grade glioma tumors in Shohada-Tajrish Hospital between 2004 and 2011. **Pejouhandeh** 2011;16(No):105-11.

3. **Azimi P**, Mohammadi HR, Sadeghi S, Tabatabaiefar SM. The predictive value of Japanese orthopaedic association score in patients diagnosed with lumbar disc herniation undergoing discectomy. **Pejouhandeh** 2012;17(1):45-9.
4. Mohammadi HR, **Azimi P**. Outcomes of endoscopic third ventriculostomy compared with shunt insertion in the treatment of childhood hydrocephalus in Mofid hospital using the ETV success score between 2008 and 2010. **Pejouhandeh** 2011;16(2):98-104.
5. **Azimi P**, Mohammadi HR, Nayeb Aghaei H, Mohseni M . Outcomes of patients diagnosed with lumbar spinal stenosis undergoing laminectomy based on the morphology of the dural sac on MRI. **Pejouhesh Dar Pezeshki**, (2012), 36(4): 7-13
6. Shahzadi S , **Azimi P**, Bitaraf MA, Azar M, Alikani M, Zali AR, Sadeghi S , Salmanian S. The graded prognostic assessment scale to predict overall survival in patients diagnosed with brain metastases undergoing Gamma-knife radiosurgery **Pejouhesh Dar Pezeshki**, (2012), 36(1): 1-5.
7. Mohammadi HR, **Azimi P**. Outcomes of laminectomy for neurogenic claudication based upon NCOS. **Pejouhandeh** 2011;16(4):197-203.

## 2. Congress

### *a- International Stereotaxy Congress December 1-3, 2011 Freiburg, Germany Stereotactic and Functional Neurosurgery – State of the Art*

1. Shahzadi S, **Azimi P**, Parsa K. Long-term results of stereotactic brachytherapy (temporary <sup>125</sup>Iodine seeds) for the treatment of low-grade astrocytoma (grade II)
2. Shahzadi S, **Azimi P**, Bitaraf M.A, Azar M, Alikani M, Zali A.R , Sadeghi S. The graded prognostic assessment scale to predict overall survival in patients diagnosed with brain metastases undergoing Gamma-knife radiosurgery  
[http://www.stereotaxy-freiburg.de/wp-content/uploads/2011/10/Programme\\_book\\_webversion1.pdf](http://www.stereotaxy-freiburg.de/wp-content/uploads/2011/10/Programme_book_webversion1.pdf)

### *b. 82nd American Association Neurological surgeon (AANS) Annual Scientific Meeting Program Guide April 5–9, 2014 San Francisco, California*

1. Decision-making in lumbar spinal canal stenosis: an Artificial Neural Networks analysis  
**Parisa Azimi** , Edward C. Benzel , Shirzad Azhari
2. The Prediction of successful surgery outcome in lumbar disc herniation based on Artificial Neural Networks.  
**Parisa Azimi**, Edward C. Benzel , Sohrab Shahzadi, Shirzad Azhari, Ali Reza Zali
3. Prediction of successful ETV outcome in childhood hydrocephalus: an Artificial Neural Networks analysis  
**Parisa Azimi**, Hasan Reza Mohammadi  
[http://www.aans.org/Annual/2014/pdfs/AN14\\_ProgramGuide\\_FINAL.pdf](http://www.aans.org/Annual/2014/pdfs/AN14_ProgramGuide_FINAL.pdf)

### *c. 18th International Leksell Gamma Knife® Society Meeting Amsterdam, May 15-19, 2016*

Use of artificial neural networks to predict the probability of developing new cerebral metastases after radiosurgery alone

***d. Iranian neurosurgeon congress***

***Esphan 2013***

1- Decision-making in lumbar spinal canal stenosis: an Artificial Neural Networks analysis

**Parisa Azimi**, Edward C. Benzel, Sohrab Shahzadi, Shirzad Azhari, Hasan Reza Mohammadi.

2- The Prediction of successful surgery outcome in lumbar disc herniation based on Artificial Neural Networks

**Parisa Azimi**, Edward C. Benzel, Sohrab Shahzadi, Shirzad Azhari, Ali Reza Zali

3- Prediction of surgical satisfaction in patients with lumbar spinal canal stenosis using Artificial Neural Networks

Parisa Azimi, Edward C. Benzel, Sohrab Shahzadi, Shirzad Azhari<sup>1</sup>, Hasan Reza Mohammadi

4- Epidemiology of brain metastases in Iranian cancer patients attending a Gamma-knife center

**Parisa Azimi**, Sohrab Shahzadi, Mohammad Ali Bitaraf, Maziar Azar, Mazdak Alikhani, Alireza Zali, Sohrab Sadeghi, Ali Montazeri

5- An outcome measure of functionality and pain in patients with low back disorder: a validation Iranian version of the Core Outcome Measures Index (COMI)

**Parisa Azimi**, Ali Montazeri

6- Clivus Chordoma: outcomes of endoscopic resection

Hasan Reza Mohammadi, Seyed Mousa Sadr-Hosseini, Parisa Azimi

7- Cavernomas: outcomes after Gamma-knife radiosurgery in Iran

**Parisa Azimi**, Sohrab Shahzadi, Mohammad Ali Bitaraf, Maziar Azar, Mazdak Alikhani, Alireza Zali, Sohrab Sadeghi

8- Decision making process in patients with lumbar spinal canal stenosis

**Parisa Azimi**, Shirzad Azhari, Edward C. Benzel, Sohrab Shahzadi

9- Indications for <sup>125</sup>Iodine brachytherapy in brain tumor: a review

Sohrab Shahzadi, Farhad Samiei, Parisa Azimi and Khosrow Parsa

10- Surgical satisfaction and the correlation between grading on MRI and the preoperative symptoms in patients with lumbar central canal stenosis

**Parisa Azimi**, Hasan Reza Mohammadi

11- Quality of life in patients before and after surgery for a lumbar spinal stenosis

**Parisa Azimi**

12- Comparing COMI and RMDQ-24, NCOS, ODI, JOA and SSS questionnaires in patients with lumbar spinal stenosis

**Parisa Azimi**

13- An outcome measure of functionality and quality of life in patients with osteoporotic vertebral fracture: a validation study of the QUALEFFO-41

**Parisa Azimi**, Shirzad Azhari, Ali Montazeri

14- The role of stenosis ratio in predicting surgical satisfaction in patients with lumbar spinal canal stenosis: a receiver-operator characteristic (ROC) curve analysis.

**Parisa Azimi**, Sohrab Shahzadi, Edward C. Benzel, Shirzad Azhari

15- Severity of lumbar central canal stenosis on grading of MRI: a sensitivity analysis

Parisa Azimi, Shirzad Azhari, Andia Shahzadi

16- Prediction of successful ETV outcome in childhood hydrocephalus: an Artificial Neural Networks analysis

**Parisa Azimi**, Hasan Reza Mohammadi

17- Sphenoorbital meningiomas: orbital reconstruction

Hasan Reza Mohammadi, **Parisa Azimi**

18- Role of the self-administered, self-reported history questionnaire (SSHQ) to identify types of lumbar spinal stenosis (LSS): a sensitivity analysis

**Parisa Azimi**, Sohrab Shahzadi, Shirzad Azhari, Andia Shahzadi

**Web:** <http://journals.mui.ac.ir/jrms/article/view/9746>

### *e. Iranian neurosurgeon congress*

#### *Kermanshah 2012*

[J Inj Violence Res. 2012 Nov;4\(3 Suppl 1\). pii: Paper No 1-99.](#)

[Proceedings and abstracts of the Congress of Iranian Neurosurgeons, 14-16 Nov 2012, Kermanshah, Iran.](#)

### *f. Iranian neurosurgeon congress*

#### *Sari 2011*

1- An outcome measure of functionality and pain in patients with lumbar disc herniation: a validation study of the Japanese Orthopedic Association (JOA) score

**Parisa Azimi**<sup>\*</sup>, Hasan Reza Mohammadi, Ali Montazeri

2- Outcomes of Laminectomy for spinal stenosis based upon pre-operative radiographic severity

Hasan Reza Mohammadi, **Parisa Azimi**

3- The predictive value of Japanese orthopaedic association score in patients diagnosed with Lumbar disc herniation undergoing discectomy

**Parisa Azimi**<sup>\*</sup>, Hassan Reza Mohammadi, Sohrab Sadeghi, Seyyed Mahmod Tabatabaiefar

4- Outcomes of patients diagnosed with lumbar spinal stenosis undergoing Laminectomy based on the morphology of the dural sac on MRI

**Parisa Azimi**<sup>1\*</sup>, Hassan Reza Mohammadi, Hossein Nayeb Aghaei, Mostafa Mohseni

5- Evaluation of the Thoracolumbar Injury Classification System (TLICS) in Thoracolumbar fractures

Shirzad Azhari<sup>1</sup>, **Parisa Azimi**<sup>\*</sup>, Masood Shabeh poor, Hossein Nayeb Aghaei

6- Outcomes of Laminectomy for Neurogenic Claudication based upon NCOS

Hasan Reza Mohammadi, **Parisa Azimi**

7. Outcomes of Endoscopic third ventriculostomy compared with shunt insertion in the treatment of childhood hydrocephalus in Mofid Hospital using the ETV Success Score between 2008 and 2010.

Hasan Reza Mohammadi, **Parisa Azimi**

8- User-friendly database software for the analysis of low back pain base on JOABPEQ

**Parisa Azimi . Oral Presentation**

## **3. Award**

a. I have been selected as the 2015 AOSME Young Researcher Award runner up, and in fourth position



Manuscript title

“Use of artificial neural networks to predict recurrent lumbar disc herniation Running title:  
Predicting recurrent LDH using ANN”

**b.** I have been selected as the 2016 AOSME Young Researcher Award runner up, in the fifth position.

Manuscript title

“Lumbar Spinal Canal Stenosis Classification Criteria: A New Tool”

**Azimi P, MD**