

## CURRICULUM VITAE

### **Martin Mazyar Mortazavi, MD, FICS, FAANS**

Board Certified Neurosurgeon

Personal homepage: [www.mmortazavi.com](http://www.mmortazavi.com)

President, National Skull Base Foundation: [www.nsbf.us](http://www.nsbf.us)

California Institute of Neuroscience: [www.cineuro.org](http://www.cineuro.org)

Scientific Director, The Neuro Symposium: [www.theneurosymposium.com](http://www.theneurosymposium.com)

YouTube Channel: <https://www.youtube.com/channel/UCqT4E24GY-g7bIM7paAV5PA>

#### **Office:**

**Beverly Hills:** 8900 Wilshire Blvd, Suite 200, Beverly Hills, CA 90211

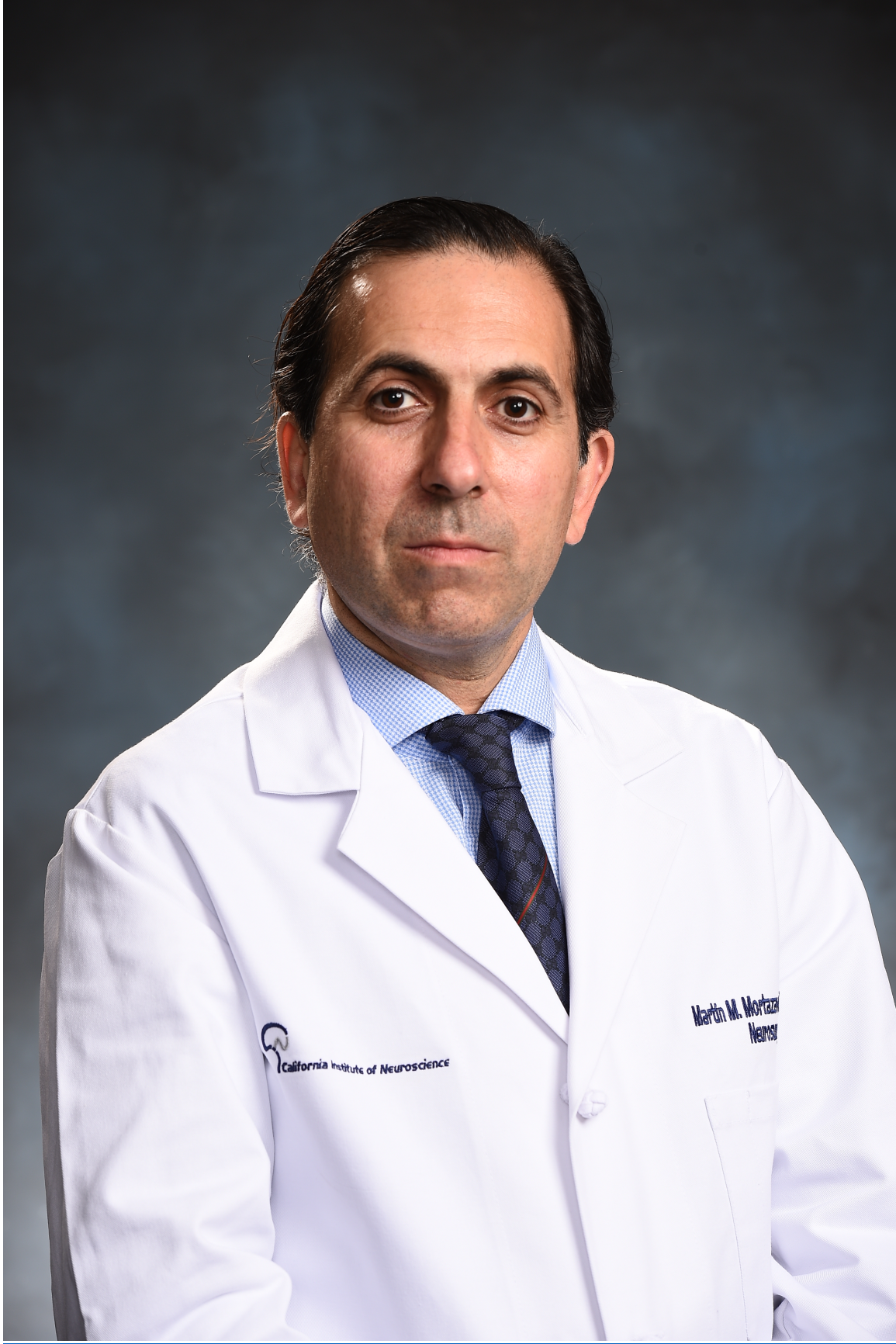
Office: (805) 795 7656

(267) My Brain

Email:

[Martin.mortazavi@cineuro.org](mailto:Martin.mortazavi@ cineuro.org)

[m\\_mortazavi@hotmail.com](mailto:m_mortazavi@hotmail.com)



## **Education**

Undergraduate: Sigtunaskolan Humanistiska Laroverket, Sigtuna, Sweden  
Major: Natural Sciences  
Aug 1984 – June 1988

Graduate: Karolinska Institute, School of Medicine, Stockholm, Sweden  
Degree: MD  
Jan 1989 – June 1994

Umea University, Umea, Sweden  
Degree: Post doc degree in Sports Medicine  
Sep 1996 – May 1997

## **Postgraduate Training**

### Internships:

- Sweden: Ornskoldsviks Hospital, Ornskoldsvik, Sweden Jan 1996 – Dec 1997  
St Goran Hospital, Stockholm, Sweden Jan 1998 – Jun 1998
- USA: University of Florida, Shand's Hospital, Gainesville, Fl, USA  
Jul 1998 – Jun 1999

### Residencies:

- Karolinska University Hospital Huddinge, Stockholm, Sweden  
Completed Residency in Orthopedic Surgery: Jun 2000 – Jul 2005
- University of Alabama at Birmingham, Birmingham, Al, USA  
Completed Residency in Neurological Surgery: Mar 2009 – Jun 2013

### Fellowships:

- Karolinska University Hospital Huddinge, Stockholm, Sweden  
Spine fellowship: Infolded during Orthopedic Residency.
- Barrow Neurological Institute, Phoenix, Az, USA  
Postdoc research fellowship in Neurotrauma and regeneration  
May 2007 – Dec 2008.
- Takanori Fukushima Skull base Fellowship, Japan  
Skull base fellowship: Infolded during Neurosurgery residency  
Mar 2012 – Mar 2012.
- Laligam Sekhar Cerebrovascular and Skull Base Surgery Fellowship  
Dept. of Neurosurgery, University of Washington. Jul 2013 – Jul 2014.

## **Current Position**

Neurosurgeon.

Director of Cerebrovascular, Skull Base & Tumor Program.

Founding Chairman, California Institute of Neuroscience, Thousand Oaks, Ca

Founding President, National Skull Base Foundation

## **Hospital Affiliations**

Southern California Hospital and Medical Center

## **Honors**

1. College: Sigtunaskolan; Scholarship for Outstanding Student that partially financed my college 85-87. Sigtunaskolan is Sweden's highest ranking college and is semiprivate.
2. College: Sigtunaskolan; Best Student in the Natural Sciences, 85-88.
3. American Association of Neurological Surgeons Synthes Spine Award 2009: 'Hyaluronic Acid as a Scaffold for Spinal Cord Regeneration?'
4. Beverly Walter's Research Award for Exemplary Research Volume for 2011
5. Richard Moravetz Research Award 2012

## **Board Certification**

- Sweden: Orthopedic Surgery.
- USA: Neurological Surgery.

## **Current Licenses to Practice**

- California: 2010
- Alabama: 2012
- Washington: 2013
- New York: 2015

## **Professional Organizations**

1. AANS
2. CNS
3. American Medical Association
4. Western Neurosurgical Society
5. Society for Brain Mapping and Therapeutics
6. Fellow of the International College of Surgeons, United States Section
7. North American Skull Base Society
8. MASSIN Skull Base Society
9. Southern Neurosurgical Society

10. Western Neurosurgical Society

11. California Association of Neurosurgeons

### **Teaching Responsibilities**

1. Instructor in Anatomy at the Karolinska Institute, Department of Neurosciences, concurrent with my medical studies: 1989- 1991.
2. Instructor in Histology at the Karolinska Institute, Department of Neurosciences, concurrent with my medical studies: 1990- 1991.
3. Clinical instructor in Spinal surgery at the Karolinska University Hospital, 2004
4. Visiting Professor in Anatomy, St. George University, Grenada, West Indies, currently.
5. Have/had the following students/residents that I have mentored for their research:
  - Ketan Verma, Medical Student, University of Arizona
  - Sheryl Reich, Speech Therapy Student, University of Arizona
  - Meghan Denning, Pre-med student, University of Arizona
  - Aman Deep, MD, Research fellow, Barrow Neurological Institute, Phoenix, Az
  - Sanjay Krishanmurthy, Former pre-med student, now working at Google, Ca
  - Basil Latif, Pre-med student, University of Arizona
  - Olivia Rompala, Pre-med student, University of Arizona
  - Michelle Heusser, Pre-med student, University of Arizona
  - Mehran Malakpour, Dental student, West Virginia University
  - Nimer Adeeb, MD, Nablos
  - Dominic Steck, MD, Germany
  - Hormoz Sheikh, MD, Umea, Sweden
  - Fariba Esfehiani, MD, Medicine PGY3-resident, Texas
  - Carrie Stewart, Medical student, UAB
  - Reza Bavarsad, MD, Neurology fellows, UAB
  - Daxa Patel, MD, Neurosurgery PGY4-resident, UAB
  - Ryan Lingo, MD, Neurosurgery PGY3-resident, UT Memphis
  - Esther Beeson, MD, Neurosurgery PGY3-resident, UAB
  - Lilian Azih, MD, General Surgery PGY5-resident, UAB
  - Jason Frerich MD, Neurosurgery PGY1-resident, Emory University.
  - Ali C. Ravanpay, MD, PGY6-resident, UW
  - Josh Abecassis, MD, Neurosurgery PGY2-resident, UW
  - Nimer Adeeb, MD, Fellow
  - Mona Rezaie, MD, Fellow
  - Negin Farida, PhD, Fellow
  - Mehrdad Emami, MD, Fellow
  - Salman Fard, MD, Fellow
  - Farzad H. Adl, MD, Fellow
  - Mohsen Saadati, MD, Fellow
  - Pegah Mohammadi, MD, Fellow
  - Mohammad Abdoli, MD, Fellow.
  - Kamilla Zokowicz, Pre-med at Dartmouth University.

6. A thumbnail of lectures given:
  - Oral presentation at the Galbraith Annual Meeting, University of Alabama, Nov 2011: 'Hypertonic Saline for treatment if increased intracranial pressure'.
  - Oral Lecture at the Children's Hospital of Alabama, Oct 2011: Cerebral Proliferative Angiopathy: A New Entity.
  - Oral Lecture: University of Alabama, Department of Neurology. April 2012. Alabama. AVM and CPA
  - Oral Lecture: University of Alabama, Department of Neurology. April 2012. Alabama. Medical and Surgical Management if Raised Intracranial Pressure.
  - Oral Lecture: University of Alabama, Department of Neurology. April 2012. Alabama. Hypertonic Saline for Treating Raised Intracranial Pressure: A Meta-analysis.
  - Oral Lecture: University of Alabama, Department of Neurology. May 2012. Alabama. Vein of Galen Aneurysmal Malformations: Proposal of a New Classification System.
  - Society of Brain Mapping and Therapeutics Annual Congress, Los Angeles, March 7, 2015: Vein of Galen Malformations: Proposal of a New Classification System.

### **Editorial Responsibilities**

1. Editorial Board: Brain & Behavior
2. Editorial Board: Bio Medicine International
3. Editorial Board: Turkiye Klinikleri Journal of Medical Sciences
4. Editorial Board: Clinical Anatomy
5. Editorial Board: Austin Journal of Cerebrovascular Disease & Stroke
6. Editorial Board: Austin Journal of Surgery

### **Other Academic Tasks**

- Member of international (DELPHI) panel to develop a core curriculum to become the international standard for anatomy (head and neck) to be taught to medical students
- Mentored weekly study sessions for Neurosurgery Board preparation for UAB Neurosurgery-residents 2010 - 2012.

- Chairman of the cerebrovascular session of the annual congress of the Society of Brain Mapping and Therapeutics, March 7 2015.
- Scientific Program Chairman for California Institute of Neuroscience's 1st Neuro Symposium: 2016.
- Scientific Program Chairman for California Institute of Neuroscience's 1st Neuro Symposium: 2017.
- Scientific Program Chairman for California Institute of Neuroscience's 1st Neuro Symposium: 2018.
- Scientific Program Chairman for National Skull Base Foundation Neuro Symposium: March 2019

## Bibliography

### *a) Publications in Peer-reviewed Medical Journals*

1. **Mortazavi MM**, Verma K, Tubbs RS, Theodore N. Cellular and Paracellular transplants for spinal cord injury: a review of the literature. Childs Nerv Syst. 2011 Feb; 27(2):237-43. Epub 2010 Oct 23. Review. Pub Med PMID: 20972681.  
<https://www.ncbi.nlm.nih.gov/pubmed/?term=20972681>
2. **Mortazavi MM**, Verma K, Deep A, Esfahani FB, Pritchard PR, Tubbs RS, Theodore N. Chemical priming for spinal cord injury: a review of the literature. Part I-factors involved. Childs Nerv Syst. 2010 Dec 18. Pub Med PMID: 21170536.  
<https://www.ncbi.nlm.nih.gov/pubmed/?term=21170536>
3. **Mortazavi MM**, Verma K, Deep A, Esfahani FB, Pritchard PR, Tubbs RS, Theodore N. Chemical priming for spinal cord injury: a review of the literature part II-potential therapeutics. Childs Nerv Syst. 2010 Dec 21. Pub Med PMID: 21174102.  
<https://www.ncbi.nlm.nih.gov/pubmed/?term=21174102>
4. **Mortazavi MM**, Dogan S, Civelek E, Tubbs RS, Theodore N, ReKate HL, Sonntag VK. Pediatric multilevel spine injuries: an institutional experience. Childs Nerv Syst. 2011 Jul; 27(7):1095-100. 2010 Nov 26. Pub Med PMID: 21110031.  
<https://www.ncbi.nlm.nih.gov/pubmed/?term=21110031>
5. **Mortazavi MM**, Gore PA, Chang S, Tubbs RS, Theodore N. Pediatric cervical spine injuries: a comprehensive review. Childs Nerv Syst. 2011 May; 27(5):705-17. 2010 Nov

21. Pub Med PMID: 21104185. <https://www.ncbi.nlm.nih.gov/pubmed/?term=21104185>
6. **Mortazavi MM**, Mariwalla NR, Horn EM, Tubbs RS, Theodore N. Absence of MRI soft tissue abnormalities in severe spinal cord injury in children: case-based update. *Childs Nerv Syst.* 2011 May 3. Pub Med PMID: 21538127. <https://www.ncbi.nlm.nih.gov/pubmed/?term=21538127>
  7. **Mortazavi MM**, Verma K, Tubbs RS, Harrigan M. Pediatric traumatic carotid, vertebral and cerebral artery dissections: a review. *Childs Nerv Syst.* 2011 Feb PubMed PMID: 21318614. <https://www.ncbi.nlm.nih.gov/pubmed/?term=21318614>
  8. **Mortazavi MM**, Tubbs RS, Brockerhoff MA, Loukas M, Oakes WJ. The first description of Chiari I malformation with intuitive correlation between tonsillar ectopia and syringomyelia. *J Neurosurg Pediatr.* 2011 Mar; 7(3):257-60. Pub Med PMID: 21361763. <https://www.ncbi.nlm.nih.gov/pubmed/?term=21361763>
  9. **Mortazavi MM**, Tubbs RS, Hankinson TC, Pugh JA, Cohen-Gadol AA, Oakes WJ. The first posterior fossa decompression for Chiari malformation: the contributions of Cornelis Joachimus van Houweninge Graftdijk and a review of the infancy of "Chiari decompression". *Childs Nerv Syst.* 2011 Apr 6. Pub Med PMID: 21626007. COVER <https://www.ncbi.nlm.nih.gov/pubmed/?term=21626007>
  10. **Mortazavi MM**, Tubbs RS, Harmon D, Oakes WJ. Chronic emesis due to compression of the area postrema by the posterior inferior cerebellar artery: resolution following microvascular decompression. *J Neurosurg Pediatr.* 2010 Dec; 6(6):583-5. Pub Med PMID: 21121735. <https://www.ncbi.nlm.nih.gov/pubmed/?term=21121735>
  11. **Mortazavi MM**, Rompala OJ, Verma K, Tubbs I, Tubbs RS, Cohen-Gadol AA. Charles Prosper Ollivier d'Angers (1796-1845) and his contributions to defining syringomyelia. *Childs Nerv Syst.* 2011 Mar 10. Pub Med PMID: 21390507. <https://www.ncbi.nlm.nih.gov/pubmed/?term=21390507>
  12. **Mortazavi MM**, Romeo A, Deep A, Griessenauer CJ, Shoja MA, Tubbs, RS, Fisher W. Hypertonic Saline for treatment of raised intracranial pressure: A review with meta-analysis. *J Neurosurg.* 2011 Sep 23. Pub Med PMID: 21942722. **Editorial.** <https://www.ncbi.nlm.nih.gov/pubmed/?term=21942722>
  13. **Mortazavi MM**, Deep A, Tubbs RS, Fisher W. Kenneth Jamieson (1925-1976): His life and contributions to neurosurgery. *J Neurosurg.* 2011 Oct 28. Pub Med PMID: 22035271.



<https://www.ncbi.nlm.nih.gov/pubmed/?term=22035271>

14. Tubbs RS, **Mortazavi MM**, Loukas M, D'Antoni AV, Shoja MM, Cohen-Gadol AA. Cruveilhier plexus: an anatomical study and a potential cause of failed treatment for occipital neuralgia and muscular and facet denervation procedures. J Neurosurg. 2011 Jun 17. Pub Med PMID: 21682566. <https://www.ncbi.nlm.nih.gov/pubmed/?term=21682566>
15. Tubbs RS, **Mortazavi MM**, Shoja MM, Loukas M, Cohen-Gadol AA. Contralateral spinal accessory nerve for ipsilateral neurotization of branches of the brachial plexus: a cadaveric feasibility study. J Neurosurg. 2011 Jun;114(6):1538-40. 2011 Mar 4. Pub Med PMID: 21375378. <https://www.ncbi.nlm.nih.gov/pubmed/?term=21375378>
16. Tubbs RS, **Mortazavi MM**, Loukas M, Shoja MM, Cohen-Gadol AA. Intraoperative and anatomical descriptions of intracranial connections between the glossopharyngeal and vagus nerves: clinical implications. J Neurosurg. 2011 Jul;115(1):179-81. 2011 Mar 11. Pub Med PMID: 21395388. <https://www.ncbi.nlm.nih.gov/pubmed/?term=21395388>
17. Tubbs RS, **Mortazavi MM**, Loukas M, D'Antoni AV, Shoja MM, Chern JJ, Cohen-Gadol AA. Anatomical study of the third occipital nerve and its potential role in occipital headache/neck pain following midline dissections of the craniocervical junction. J Neurosurg Spine. 2011 Jul; 15(1):71-5. 2011 Apr 15. Pub Med PMID: 21495817. <https://www.ncbi.nlm.nih.gov/pubmed/?term=21495817>
18. Tubbs RS, **Mortazavi MM**, Denardo AJ, Cohen-Gadol AA. Arteriovenous malformation of the conus supplied by the artery of Desproges-Gotteron. J Neurosurg Spine. 2011 Apr; 14(4):529-31. 2011 Jan 28. Pub Med PMID: 21275551. <https://www.ncbi.nlm.nih.gov/pubmed/?term=21275551>
19. Tubbs RS, **Mortazavi MM**, Loukas M, Shoja MM, Cohen-Gadol AA. The intracranial denticulate ligament: anatomical study with neurosurgical significance. J Neurosurg. 2011 Feb; 114(2):454-7. 2010 Oct 8. Pub Med PMID: 20932099. <https://www.ncbi.nlm.nih.gov/pubmed/?term=20932099>
20. Tubbs RS, **Mortazavi MM**, Shoja MM, Loukas M, Cohen-Gadol AA. The bishop and anatomist Niels Stensen (1638-1686) and his contributions to our early understanding of the brain. Childs Nerv Syst. 2011 Jan; 27(1):1-6. Pub Med PMID: 20700741. COVER <https://www.ncbi.nlm.nih.gov/pubmed/?term=20700741>

21. Tubbs RS, **Mortazavi MM**, Shoja MM, Loukas M, Cohen-Gadol AA. Maister Peter Lowe and His 16<sup>th</sup> Century Contributions to Cranial Surgery. Neurosurgery.2012 Feb. Pub Med. PMID: 21849917. <https://www.ncbi.nlm.nih.gov/pubmed/?term=21849917>
22. Shane Tubbs R, **Mortazavi MM**, Dinardo AJ, Cohen-Gadol AA. Persistence of the otic artery with neurological sequelae: case report. Surg Radiol Anat. 2011 July 17. Pub Med PMID: 21769634. <https://www.ncbi.nlm.nih.gov/pubmed/?term=21769634>
23. Tubbs RS, Blouir MC, Romeo AK, **Mortazavi MM**, Cohen-Gadol AA. Spinal cord ischemia and atherosclerosis: a review of the literature. Br J Neurosurg. 2011 Jun 27. Pub Med PMID: 21707414. <https://www.ncbi.nlm.nih.gov/pubmed/?term=21707414>
24. Tubbs RS, Krishnamurthy S, Verma K, Shoja MM, Loukas M, **Mortazavi MM**, Cohen-Gadol AA. Cavum velum interpositum, cavum septum pellucidum, and Cavum Vergae: a review. Childs Nerv Syst. 2011 Jun 18. Pub Med PMID: 21687999. <https://www.ncbi.nlm.nih.gov/pubmed/?term=21687999>
25. Tubbs RS, Riech S, Verma K, Loukas M, **Mortazavi MM**, Cohen-Gadol A. Emanuel Swedenborg (1688-1772): pioneer of neuroanatomy. Childs Nerv Syst. 2011 Apr 6. Pub Med PMID: 21626006. COVER <https://www.ncbi.nlm.nih.gov/pubmed/?term=21626006>
26. Tubbs RS, Lancaster JR, **Mortazavi MM**, Shoja MM, Chern JJ, Loukas M, Cohen-Gadol AA. Morphometry of the outlet of the foramen magnum in crania with atlantooccipital fusion. J Neurosurg Spine.2011 Jul; 15(1):55-9. Epub 2011 Apr 8. Pub Med PMID: 21476797. <https://www.ncbi.nlm.nih.gov/pubmed/?term=21476797>
27. Tubbs RS, Riech S, Verma K, Chern J, **Mortazavi MM**, Cohen-Gadol AA. China's first surgeon: Hua Tuo (c. 108-208 AD).Childs Nerv Syst. 2011 Mar 31. Pub Med PMID: 21452005. COVER <https://www.ncbi.nlm.nih.gov/pubmed/?term=21452005>
28. Tubbs RS, Loukas M, Shoja MM, **Mortazavi MM**, Cohen-Gadol AA. Felix Vicq d'Azyr (1746-1794): early founder of neuroanatomy and royal French physician. Childs Nerv Syst. 2011 Jul; 27(7):1031-4. Pub Med PMID: 21445631. COVER <https://www.ncbi.nlm.nih.gov/pubmed/?term=21445631>
29. Tubbs RS, Hallock JD, Radcliff V, Naftel RP, **Mortazavi MM**, Shoja MM, Loukas M, Cohen-Gadol AA. Ligaments of the craniocervical junction. J Neurosurg Spine. 2011. Jun; 14(6):697-709. 2011 Mar 11. Pub Med PMID: 21395398.

<https://www.ncbi.nlm.nih.gov/pubmed/?term=21395398>

30. Tubbs RS, Shoja MM, Loukas M, Lancaster J, **Mortazavi MM**, Hattab EM, Cohen-Gadol AA. Study of the cervical plexus innervation of the trapezius muscle. *J Neurosurg Spine*. 2011 May; 14(5):626-9. 2011 Feb 25. Pub Med PMID: 21388290. <https://www.ncbi.nlm.nih.gov/pubmed/?term=21388290>
31. Tubbs RS, Bosmia AN, **Mortazavi MM**, Loukas M, Shoja M, Cohen Gadol AA. Hieronymus Brunschwig (c. 1450-1513): his life and contributions to surgery. *Childs Nerv Syst*. 2011 Mar 9. Pub Med PMID: 21387200. <https://www.ncbi.nlm.nih.gov/pubmed/?term=21387200>
32. Tubbs RS, Kakati D, Chern JJ, Loukas M, Shoja M, **Mortazavi MM**, Cohen Gadol AA. Tatsuji Inouye: the mind's eye. *Childs Nerv Syst*. 2011 Mar 9. Pub Med PMID: 21387199. <https://www.ncbi.nlm.nih.gov/pubmed/?term=21387199>
33. Tubbs RS, Azih LC, **Mortazavi MM**, Chern JJ, Hankinson T, Oakes WJ, Cohen-Gadol AA. Transumbilical approach for ventriculoperitoneal shunt placement in infants and small children: a 6-year experience. *Childs Nerv Syst*. 2011 Feb 1. Pub Med PMID: 21286729. <https://www.ncbi.nlm.nih.gov/pubmed/?term=21286729>
34. Tubbs RS, Verma K, Riech S, **Mortazavi MM**, Shoja MM, Loukas M, Cure JK, Zurada A, Cohen-Gadol AA. Persistent fetal intracranial arteries: a comprehensive review of anatomical and clinical significance. *J Neurosurg*. 2011 Apr; 114(4):1127-34. 2011 Jan 14. Review. Pub Med PMID: 21235309. <https://www.ncbi.nlm.nih.gov/pubmed/?term=21235309>
35. Tubbs RS, Hogan E, Deep A, **Mortazavi MM**, Loukas M, Oakes WJ. Lateral cephaloceles: case-based update. *Childs Nerv Syst*. 2011 Mar; 27(3):345-7. 2010 Dec 7. Pub Med PMID: 21136064. <https://www.ncbi.nlm.nih.gov/pubmed/?term=21136064>
36. Tubbs RS, Verma K, Riech S, **Mortazavi MM**, Oakes WJ, Cohen-Gadol AA. Reaction to silk suture in children undergoing neurosurgery: case reports and review of the literature. *Childs Nerv Syst*. 2011 Mar; 27(3):497-9. 2010 Nov 16. Review. Pub Med PMID: 21080175. <https://www.ncbi.nlm.nih.gov/pubmed/?term=21080175>
37. Chern JJ, Gordon AJ, **Mortazavi MM**, Tubbs RS, Oakes WJ. Pediatric Chiari

malformation Type 0: a 12-year institutional experience. J Neurosurg Pediatrics 8:1-5, July 2011. Pub Med PMID: 21721881.

<https://www.ncbi.nlm.nih.gov/pubmed/?term=21721881>

38. Tubbs RS, Rompala O, Verma K, Malakpour M, Shoja MM, **Mortazavi MM**, Loukas M. James Drake: Anatomist and political activist (1667-1707). Clin Anat. 2011 Aug 18. Pub Med PMID: 21853461. <https://www.ncbi.nlm.nih.gov/pubmed/?term=21853461>
39. R. Shane Tubbs, PhD, Robert G. Louis, Jr., Young-Bin Song, **Martin Mortazavi**, Marios Loukas, Mohammadali M. Shoja, Aaron A. Cohen Gadol. External Landmarks for Identifying the Drainage Site of the Vein of Labbé: Application to Neurosurgical Procedures. Br J Neurosurg. 2011 Nov 22. Pub Med PMID: 22107258. <https://www.ncbi.nlm.nih.gov/pubmed/?term=22107258>
40. R. Shane Tubbs, **Martin M. Mortazavi**, Robert G. Louis, Marios Loukas, Mohammadali M. Shoja, Joshua J. Chern, Brion Benninger, Aaron A. Cohen-Gadol. The Anterior Atlantodental Ligament: Its Anatomy and Potential Functional Significance. World Neurosurg. 2011 Nov 1. Pub Med PMID: 22120239. <https://www.ncbi.nlm.nih.gov/pubmed/?term=22120239>
41. R. Shane Tubbs, **Martin M. Mortazavi**, Mohammadali M. Shoja, Marios Loukas, Aaron A. Cohen-Gadol. The Zygomaticotemporal Nerve and Its Relevance to Neurosurgery. World Neurosurg. 2011. Nov 1. Pub Med PMID: 22120254. <https://www.ncbi.nlm.nih.gov/pubmed/?term=22120254>
42. R. Shane Tubbs, Jeffrey R. Lancaster, **Martin M. Mortazavi**, Marios Loukas, Mohammadali M. Shoja, Eyas M. Hattab, Aaron A. Cohen-Gadol. Do Grossly Identifiable Ganglia Lie Along the Spinal Accessory Nerve? A Gross and Histologic Study with Potential Neurosurgical Significance. World Neurosurg. 2011 Nov 7. Pub Med PMID: 22120387. <https://www.ncbi.nlm.nih.gov/pubmed/?term=22120387>
43. **Martin M. Mortazavi**, R. Shane Tubbs, Sheryl Riech, Ketan Verma, Mohammadali M. Shoja, Anna Zurada, Marios Loukas, Aaron A. Cohen Gadol. Anatomy and Pathology of the Cranial Emissary Veins: a Review with Surgical Implications. Neurosurgery. 2011 Nov 28. Pub Med PMID: 22127046. <https://www.ncbi.nlm.nih.gov/pubmed/?term=22127046>
44. R. Shane Tubbs, V. Radcliff, Mohammadali M. Shoja, RP, Robert P. Naftel, **Martin M. Mortazavi**, A. Zurada, Marios Loukas, Aaron Cohen-Gadol. Dorello Canal Revisited: An Observation That Potentially Explains the Frequency of Abducens Nerve Injury After Head Injury. World Neurosurg. 2011 Nov 15. Pub Med PMID: 22130113.

<https://www.ncbi.nlm.nih.gov/pubmed/?term=22130113>

45. R. Shane Tubbs, Olivia J. Rompala, Ketan Verma, **Martin M. Mortazavi**, Brion Benninger, Marios Loukas, M. Rene Chambers. Analysis of the Uncinate Processes of the Cervical Spine: an Anatomical Study and Review of the Literature. J Neurosurg. Pub Med PMID: 22264177. <https://www.ncbi.nlm.nih.gov/pubmed/?term=22264177>
46. R. Shane Tubbs, Sheryl Riech, Ketan Verma, **Martin Mortazavi**, Marios Loukas, Aaron A. Cohen-Gadol. Sir Charles Bell (1774-1842) and His Contributions to Early Neurosurgery. Pub Med PMID: 22270649. <https://www.ncbi.nlm.nih.gov/pubmed/?term=22270649>
47. R. Shane Tubbs, Aman Deep, Mohammadali M. Shoja, **Martin Mortazavi**, Marios Loukas, Aaron A. Cohen Gadol. The Arcade of Struthers: An Anatomical Study with Potential Neurosurgical Significance. Surg Neurol Int. 2011; 2:184. Pub Med PMID: 22276238. <https://www.ncbi.nlm.nih.gov/pubmed/?term=22276238>
48. R. Shane Tubbs, Mark Rasmussen, Marios Loukas, Mohammadali Shoja, **Martin M. Mortazavi**, Aaron A. Cohen-Gadol. Use of the Triangle of Farabeuf for Neurovascular Procedures of the Neck. Biomedicine International 2011; 2. <http://www.bmijournal.org/index.php/bmi/article/view/14>
49. Nimer Adeeb, **Martin M. Mortazavi**, R. Shane Tubbs, Aaron A. Cohen-Gadol. The Cranial Dura Mater: A Review of its History, Embryology, and Anatomy. Child's Nervous System. Pub Med PMID: 22526439. <https://www.ncbi.nlm.nih.gov/pubmed/?term=22526439>
50. Nimer Adeeb, **Martin M. Mortazavi**, Mohammadali M. Shoja, R. Shane Tubbs, W. Jerry Oakes, Curtis J. Rozzelle. A Single Center Experience with Eccentric Syringomyelia Found with Pediatric Chiari I Malformation. , Child's Nervous System. 2012 Nov. Pub Med PMID: 22534820. <https://www.ncbi.nlm.nih.gov/pubmed/?term=22534820>
51. R. Shane Tubbs, MS, PA-C, Dominik T. Steck, **Martin M. Mortazavi**, Aaron A. Cohen-Gadol. The Nervus Intermedius: A Review of its Anatomy, Function, Pathology and its Role in Neurosurgery. World Neurosurgery. 2012, Apr 3. Pub Med PMID: 22484073. <https://www.ncbi.nlm.nih.gov/pubmed/?term=22484073>
52. MA Shoja, Martin M. Mortazavi, Mehran Malakpour, Marios Loukas, Curtis J. Rozelle,

R. Shane Tubbs. Andrew Fyfe the elder (1752(4)-1824): Not all good anatomists are good teachers. *Clin Anatomy*. 2012, May 10. Pub Med PMID: 22577000.  
<https://www.ncbi.nlm.nih.gov/pubmed/?term=22577000>

53. R. Shane Tubbs, Dominik T. Steck, **Martin M. Mortazavi**, Mohammadali M. Shoja, Marios Loukas, Aaron, A. Cohen-Gadol. Giovanni Battista Morgagni (1682-1771): His Anatomic Majesty's Contributions to the Neurosciences. *Childs Nervous System*. 2012 May 15. Pub Med PMID: 22585453.  
<https://www.ncbi.nlm.nih.gov/pubmed/?term=22585453>

54. **Martin M. Mortazavi**, Ketan Verma, R. Shane Tubbs, Nicholas Theodore. Non-Pharmacological Experimental Treatments for Spinal Cord Injury: a Review. *Child's Nervous System*. 2012 Aug 14. Pub Med PMID: 22890472.  
<https://www.ncbi.nlm.nih.gov/pubmed/?term=22890472>

55. Nimer Adeeb, **Martin Mortazavi**, R. Shane Tubbs, Mohammadali M. Shoja, Aaron A. Cohen Gadol. Arachnoid: A Review on anatomy, embryology and neurosurgical applications. *Child's Nervous System*. 2013 Jan 29. Pub Med PMID: 22961357.  
<https://www.ncbi.nlm.nih.gov/pubmed/?term=22961357>

56. **Martin M. Mortazavi**, Basil Latif, Ketan Verma, Aman Deep, Christoph Griessenauer, R. Shane Tubbs, Takanori Fukushima. Gabrielle Fallopio and his contributions to the development of medicine and anatomy. *Childs Nervous System*. June 2013, Volume 29, Issue 6, pp 877-880. PMID: 22965774. COVER.  
<https://www.ncbi.nlm.nih.gov/pubmed/?term=22965774>

57. Griessenauer CJ, Veith P, **Mortazavi MM**, Stewart C, Grochowsky A, Loukas M, Tubbs RS. Enlarged parietal foramina: a review of genetics, prognosis, radiology, and treatment. *Childs Nerv Syst*. 2012 Dec 4. Pub Med PMID: 23207976.  
<https://www.ncbi.nlm.nih.gov/pubmed/?term=23207976>

58. Griessenauer CJ, **Mortazavi MM**, Loukas M, Shoja MM, Watanabe K, Tubbs RS. Heinrich Bircher (1850-1923) and the first description of a surgical approach to the cavernous sinus. *Childs Nerv Syst*. 2012 Dec 8. Pub Med PMID: 23224359.  
<https://www.ncbi.nlm.nih.gov/pubmed/?term=23224359>

59. Tubbs RS, Lingo PR, **Mortazavi MM**, Cohen-Gadol AA. Hypoplastic occipital condyle and third occipital condyle: Review of their dysembryology. *Clin Anat*. 2013 Jan 21. Pub Med PMID: 23338989. <https://www.ncbi.nlm.nih.gov/pubmed/?term=23338989>

60. Nimer Adeeb, **Martin Mortazavi**, R. Shane Tubbs, Mohammadali M. Shoja, Aaron A. Cohen Gadol. Pia: A Review on anatomy, embryology and neurosurgical applications. Child's Nervous System. 2013 Feb 5. Pub Med PMID: 23381008.  
<https://www.ncbi.nlm.nih.gov/pubmed/?term=23381008>
61. Griessenauer CJ, Poston TL, Shoja MM, **Mortazavi MM**, Falola M, Tubbs RS, Fisher WS III: The Impact of Temporary Artery Occlusion during Intracranial Aneurysm Surgery on Long-term Clinical Outcome Part I: Patients with Subarachnoid Hemorrhage, World Neurosurgery. 2013 Mar 14. Pub Med PMID: 23500347.  
<https://www.ncbi.nlm.nih.gov/pubmed/?term=23500347>
62. Griessenauer CJ, Poston TL, Shoja MM, **Mortazavi MM**, Falola M, Tubbs RS, Fisher WS III: The Impact of Temporary Artery Occlusion during Intracranial Aneurysm Surgery on Long-term Clinical Outcome Part II: The Patient who is Electively Clipped. World Neurosurgery. 2013 Mar 14. Pub Med PMID: 23500344.  
<https://www.ncbi.nlm.nih.gov/pubmed/?term=23500344>
63. **Martin M. Mortazavi**, Meghan Denning, R. Shane Tubbs. Intracranial bridging veins: A Comprehensive review of Anatomy, histology, embryology and surgical significance. Childs Nerv Syst. 2013 Mar 2. Pub Med PMID: 23456236.  
<https://www.ncbi.nlm.nih.gov/pubmed/?term=23456236>
64. **Martin M. Mortazavi**, Christopher Griessenauer, Nima Bavarsad, Curtis Rozzelle, R. Shane Tubbs, Winfield S Fisher. Vein of Galen Malformations: A Comprehensive Review with proposal of a new classification system. J Neurosurg Ped, 2013 Jul 26. Pub Med PMID: 23889354. <https://www.ncbi.nlm.nih.gov/pubmed/?term=23889354>
65. M M Shoja, **MM Mortazavi**, B Ditty, CJ Griessenauer, M Loukas, A Harris, RS Tubbs. Lenz-Majewski Syndrome Associated with Hydrocephalus and Multiple Congenital Malformations. Biomedicine International Vol. 4. No. 1 2013.  
<http://www.bmjjournal.org/index.php/bmi/article/view/29>
66. **Martin M. Mortazavi**, Daxa Patel, Christoph J. Griessenauer, R. Shane Tubbs, Winfield S. Fisher III. Long-term Control of Large Pontine Arteriovenous Malformation using Gamma Knife Therapy: A Review with illustrative Case. Brain & Behavior.  
<https://onlinelibrary.wiley.com/doi/full/10.1002/brb3.149>
67. R. Shane Tubbs, **Martin M. Mortazavi**, Woodrow J. Farrington, II, Joshua J. Chern, Mohammadali M. Shoja, Marios Loukas, Aaron A. Cohen-Gadol. Relationships between

the Posterior Interosseous Nerve and the Supinator Muscle: Application to Peripheral Nerve Compression Syndromes and Nerve Transfer Procedures. *J Neurol Surg A Cent Eur Neurosurg*. 2013 Sep. Pub Med PMID: 23696294.

<https://www.ncbi.nlm.nih.gov/pubmed/?term=23696294>

68. R Shane Tubbs, **Martin M Mortazavi**, Joseph Miller, Mohammadali M Shoja, Marios Loukas, Aaron A Cohen-Gadol. Calcification of the Human Tentorium Cerebelli. *Biomedicine International*. Vol. 3, No. 1, 2012 Nov 27.

<http://www.bmjjournal.org/index.php/bmi/article/view/89>

69. Christoph J. Griessenauer, **Martin M. Mortazavi**, R. Shane Tubbs. Alfred W. Adson (1887-1951): His contributions to surgery for tumors of the spine and spinal cord in the context of spinal tumor surgery in the late nineteenth and early twentieth centuries. *J Neurosurg*. 2013 June. Pub Med. PMID: 24138061.

<https://www.ncbi.nlm.nih.gov/pubmed/?term=24138061>

70. R. Shane Tubbs, Carl Nechtman, AV D'Antoni , Mohammadali M. Shoja, **Martin M. Mortazavi**, Marios Loukas, Curtis J Rozzelle, Robert Spinner. Ossification of the Suprascapular Ligament: A risk factor for suprascapular nerve compression. *Int J Shoulder Surg*. 2013 Jan; 7(1):19-22. Pub Med PMID: 23858291.

<https://www.ncbi.nlm.nih.gov/pubmed/?term=23858291>

71. Brian Housman, S. Bellary, S. Hansra, **Martin M. Mortazavi**, R. Shane Tubbs, Marios Loukas. Giulio Cesare Casseri (c. 1552-1616): the Servant Who Became an Anatomist. *Clin Anat*. 2013 Aug 20. Pub Med PMID: 23959927.

<https://www.ncbi.nlm.nih.gov/pubmed/?term=23959927>

72. Tubbs RS, **Mortazavi MM**, Krishnamurthy S, Verma K, Griessenauer CJ, Cohen-Gadol AA. The relationship between the superior petrosal sinus and the porus trigeminus: an anatomical study. *J Neurosurg*. 2013 May 24. Pub Med PMID: 23706047.

<https://www.ncbi.nlm.nih.gov/pubmed/?term=23706047>

73. **Martin M Mortazavi**, Nimer Adeeb, , Christoph Griessenauer, Hormoz Sheikh, Saeed Shahidi, R. Isaiah Tubbs, R. Shane Tubbs. The ventricular system of the brain: A comprehensive review of its history, anatomy, histology, embryology and surgical considerations. *Childs Nerv Syst*. 2014 Jan;30(1):19-35. doi: 10.1007/s00381-013-2321-3. Epub 2013 Nov 16. Pub Med PMID: 24240520.

<https://www.ncbi.nlm.nih.gov/pubmed/24240520>



74. **Martin M. Mortazavi**, Nimer Adeeb, Reza Bavarsad, R. Shane Tubbs. Choroid Plexus: A Review on anatomy, embryology and neurosurgical applications. *Childs Nerv Syst.* 2014 Feb;30(2):205-14. doi: 10.1007/s00381-013-2326-y. Epub 2013 Nov 28. Pub Med PMID: 24287511. <https://www.ncbi.nlm.nih.gov/pubmed/?term=24287511>
75. Nimer Adeeb, **Martin M. Mortazavi**. Editorial: The role of FGF2 in spinal cord trauma and regeneration research. *Brain & Behavior.* 2014 Mar;4(2):105-7. doi: 10.1002/brb3.207. Epub 2014 Jan 13. Pub Med PMID: 24683505. <https://www.ncbi.nlm.nih.gov/pubmed/?term=24683505%5Buid%5D>
76. Griessenauer CJ, Raborn J, **Mortazavi MM**, Tubbs RS, Cohen-Gadol AA. Relationship between the pituitary stalk angle in prefixed, normal, and postfixed optic chiasmata: an anatomic study with microsurgical application. *Acta Neurochir (Wien).* 2014 Jan;156(1):147-51. doi: 10.1007/s00701-013-1944-1. Epub 2013 Nov 28. Pub Med PMID: 24287682. <https://www.ncbi.nlm.nih.gov/pubmed/?term=24287682>
77. **Martin M. Mortazavi**, Basil Latif, Ketan Verma, Aman Deep, Christoph Griessenauer, R. Shane Tubbs, Takanori Fukushima. Fallopian Canal: A comprehensive review and proposal of a new classification. *Childs Nerv Syst.* 2014 Mar;30(3):387-95. doi: 10.1007/s00381-013-2332-0. Epub 2013 Dec 10. Pub Med PMID: 24322603. <https://www.ncbi.nlm.nih.gov/pubmed/?term=24322603>
78. **Mortazavi MM**, Griessenauer CJ, Krishnamurthy S, Verma K, Loukas M, Tubbs RS. The inferior petrosal sinus: a comprehensive review with emphasis on clinical implications. *Childs Nerv Syst.* 2014 Feb 14. 2014 May;30(5):831-4. doi: 10.1007/s00381-014-2378-7. Epub 2014 Feb 14. Pub Med PMID: 24526343. <https://www.ncbi.nlm.nih.gov/pubmed/?term=24526343>.
79. **Mortazavi MM**, Ravanpay AC, Sekhar LN. Clipopexy: An Anchoring Technique to Avoid Compression of Adjacent Neurovascular Structures by Aneurysm Clip. *Cureus.* March 31, 2014. 6(4): e168. doi:10.7759/cureus.168. <https://www.cureus.com/articles/2441-clipopexy-an-anchoring-technique-to-avoid-compression-of-adjacent-neurovascular-structures-by-aneurysm-clip-report-of-two-cases>
80. **Martin M. Mortazavi**, Laligam N. Sekhar. Book Review: Microsurgery of Skull Base Paragangliomas. *Neurosurgery.* 01 December 2013. Volume 73, Issue 6, 1 December 2013, Pages 1078–1079. <https://doi.org/10.1227/NEU.000000000000138>

- 81.** Daxa Patel, **Martin M. Mortazavi**, R. Shane Tubbs, Joel Cure, Winfield S. Fisher. Two Unusual Cases of the Posterior Cranial Fossa Blood Supply. *Cureus*. April 30, 2014. 6(4): e176. doi:10.7759/cureus.176. <https://www.cureus.com/articles/2469-two-unusual-cases-of-the-posterior-cranial-fossa-blood-supply>
- 82.** **Martin M. Mortazavi**, Jason M. Frerich, Laligam N. Sekhar. Multiple aneurysms on inter-PICA communicating collateral arteries: Case report on a rare entity. *Cureus*. May 13, 2014. doi:10.7759/cureus.181. <https://www.cureus.com/articles/2493-multiple-aneurysms-on-inter-pica-communicating-collaterals-case-report-on-a-rare-entity>
- 83.** **Mortazavi MM**, Harmon OA, Adeeb N, Deep A, Tubbs RS. Treatment of spinal cord injury: A review of engineering using neural and mesenchymal stem cells. *Clin Anat*. 2015 Jan;28(1):37-44. doi: 10.1002/ca.22443. Epub 2014 Aug 23. Pub Med PMID: 25156268. <https://www.ncbi.nlm.nih.gov/pubmed/?term=25156268>
- 84.** **Martin M. Mortazavi**, Nimer Adeeb, Olivia Harmon, Fareed Rizq, Mehrnoush Gorjian, Nicole Hose, Elham Modammadirad, Pejman Taghavi, Brandon G. Rocque, R. Shane Tubbs. Anatomical Variations and Neurosurgical Significance of Liliequist's membrane: A comprehensive review. *CNS*. 2015 Jan;31(1):15-28. doi: 10.1007/s00381-014-2590-5. Epub 2014 Nov 14. Pub Med PMID: 25395307. <https://www.ncbi.nlm.nih.gov/pubmed/?term=25395307>
- 85.** **Mortazavi MM**, Verma K, Harmon OA, Griessenauer CJ, Adeeb N, Theodore N, Tubbs RS. The microanatomy of spinal cord injury: A review. *Clin Anat*. 2015 Jan;28(1):27-36. doi: 10.1002/ca.22432. Epub 2014 Jul 11. Pub Med PMID: 25044123. <https://www.ncbi.nlm.nih.gov/pubmed/?term=25044123>
- 86.** Bavarsad Shahripour R, **Mortazavi MM**, Barlinn K, Keikhaei B, Mousakhani H, Azarpazhoooh MR, Oghbaee M, Sajedi SA, Kepplinger J, Tubbs RS, Albright KC, Alexandrov AV. Can STOP Trial Velocity Criteria Be Applied to Iranian Children with Sickle Cell Disease? *J Stroke*. 2014 May;16(2):97-101. doi: 10.5853/jos.2014.16.2.97. Epub 2014 May 30. Pub Med PMID: 24949316. <https://www.ncbi.nlm.nih.gov/pubmed/?term=24949316>
- 87.** Sekhar L, Mantovani A, **Mortazavi M**, Schwartz TH, Couldwell WT. Open vs endoscopic: when to use which. *Neurosurgery*. 2014 Aug;61 Suppl 1:84-92. doi: 10.1227/NEU.0000000000000378. Pub Med PMID: 25032535.

<https://www.ncbi.nlm.nih.gov/pubmed/?term=25032535>

88. R. Shane Tubbs, Nicole Hose, **Martin M. Mortazavi**, Marios Loukas, Aaron A. Cohen-Gadol. Modified Skin Incision for Avoiding Regional Neurovascular Structures during Retrosigmoid Craniotomy: A Cadaveric Study with Application to Postoperative Neuralgia. *J Clin Neurosci*. 2016 Oct;32:83-7. doi: 10.1016/j.jocn.2016.03.015. Epub 2016 Jul 7. <https://doi.org/10.1016/j.jocn.2016.03.015>
  
89. **Martin M. Mortazavi**, Harley Desilva, Manuel Ferreira Jr, Laligam N. Sekhar. Planum sphenoidale and Tuberculum sellae Meningiomas: Technical note on modern surgical technique with outcome and proposal of a new classification system. *World Neurosurgery*. *World Neurosurg*. 2016 Feb;86:270-86. doi: 10.1016/j.wneu.2015.09.043. Epub 2015 Sep 25. Pub Med PMID: 26409085. <https://www.ncbi.nlm.nih.gov/pubmed/26409085>
  
90. Salman Abbasi Fard, Nimer Adeep, Mona Rezaei, Babak Kateb, **Martin M. Mortazavi**, Resection of deep brain stem lesion: Evolution of modern surgical techniques. *The Journal of Neurobehavioral Sciences*. ISSN: 2148-4325. <http://www.scopemed.org/?mno=210578>
  
91. Esther Dupepe, Christopher Griessenauer, **Martin M. Mortazavi**, R. Shane Tubbs, James Markert. Temporal-based Pericranial Flaps for Orbitofrontal Dural Repair: A Technical Note. *Interdisciplinary Neurosurgery*. Volume 3, March 2016, Pages 6-10. <https://doi.org/10.1016/j.inat.2015.12.003>
  
92. R. Shane Tubbs, **Martin M. Mortazavi**. Mapping the internal anatomy of the lateral brain stem: Anatomical study with application to far lateral approaches to intrinsic brain tumor. *Child Nervous System*. *Cureus*. 2017 Feb 3;9(2):e1010. doi: 10.7759/cureus.1010. Pub Med PMID: 28357160. <https://www.ncbi.nlm.nih.gov/pubmed/28357160>
  
93. Josh Abecassis, **Martin Mortazavi**, Jason Barber, Richard Ellenbogen. A Single Institution Experience with Pineal Region Tumors: 50 tumors Over 1 decade. *Neurosurgery*. *Operative Neurosurgery*, Volume 13, Issue 5, 1 October 2017, Pages 566–575. Pub Med PMID: 28922884. <https://www.ncbi.nlm.nih.gov/pubmed/?term=28922884>

94. Jumah, Alkhdour, Mnsour, He, Hroub, Adeeb, Hanif, **Mortazavi**, Tubbs, Nanda. Cureus. Os Odontoideum: A Comprehensive Clinical and Surgical Review. Cureus. 2017 Aug 8;9(8): e1551. doi: 10.7759/cureus.1551. Review. Pub Med PMID: 29018648. <https://www.ncbi.nlm.nih.gov/pubmed/?term=29018648>
95. Mortazavi MM, Hassanzadeh T, Khalili K, Suriya SS, Taqi MA, Fard SA, Tubbs RS. Falxuplication, a Novel Method for Wrap-clipping a Fursiform Aneurysm: Technical Note. World Neurosurgery. 2018 Jan;109:40-46. doi: 10.1016/j.wneu.2017.09.059. Epub 2017 Sep 20. Review. Pub Med PMID: 28939539. <https://www.ncbi.nlm.nih.gov/pubmed/?term=28939539>
96. R. Shane Tubbs, Ketan Verma, Sarah N. Mirahsani, **Martin M. Mortazavi**, Randle A. Umeh, Brandon Rocque, and Jeffrey B. Blount. J Pediatr Neurosci. Dermoid of the Posterior Fossa in Chiari II Malformation: The First Reported Case. 2017 JanMar;12(1):4042. doi:10.4103/jpn.JPN\_114\_16. Pub Med PMID: 28553378. <https://www.ncbi.nlm.nih.gov/pubmed/?term=28553378>
97. **Mortazavi MM**, Quadri SA, Suriya SS, Fard SA, Hadidchi S, Adl FH, Armstrong I, Goldman R, Tubbs RS. Rare Concurrent Retroclival and PanSpinal. Subdural Empyema: Review of Literature with an Uncommon Illustrative Case. World Neurosurg. 2018 Feb;110:326-335. doi: 10.1016/j.wneu.2017.11.082. Epub 2017 Nov 23. Review. Pub Med PMID: 29174228. <https://www.ncbi.nlm.nih.gov/pubmed/?term=29174228>
98. **Martin M. Mortazavi**, Muhammad Adnan Khan, Syed A. Quadri, Sajid S. Suriya, Kian M. Fahimdanesh, Salman A. Fard, Tania Hassanzadeh, M. Asif Taqi, Hannah Grossman, R. Shane Tubbs. Cranial Osteomyelitis: A Comprehensive Review of Modern Therapies. 2018 Mar; 111:142-153. doi: 10.1016/j.wneu.2017.12.066. Epub 2017 Dec 15. <https://www.sciencedirect.com/science/article/pii/S1878875017321824>
99. **Mortazavi MM**, Quadri SA, Khan MA, Gustin A, Suriya SS, Hassanzadeh T, Fahimdanesh KM, Adl FH, Fard SA, Taqi MA, Armstrong I, Martin BA, Tubbs RS. Subarachnoid Trabeculae: A Comprehensive Review of Their Embryology, Histology, Morphology, and Surgical Significance. 2018 Mar;111:279-290. doi: 10.1016/j.wneu.2017.12.041. Epub 2017 Dec 18. Pub Med PMID: 29253689. <https://www.ncbi.nlm.nih.gov/pubmed/?term=29253689>
100. SA. Quadri, M Farooqui, A Ikram, A Zafar, MA Khan, SS. Suriya, Chad F. Claus & Brian Fiani, M Rahman, A Ramachandran, Ian I. T. Armstrong, MA. Taqi, **MM**

**Mortazavi.** Recent update on basic mechanisms of spinal cord injury. Received: 8 May 2018 /Revised: 20 June 2018 /Accepted: 6 July 2018 # Springer-Verlag GmbH Germany, part of Springer Nature 2018. Pub Med PMID: 29998371.

<https://www.ncbi.nlm.nih.gov/pubmed/?term=29998371>

- 101.** M Taqi, A Sodhi, S Suriya, F Adl, M Farooqi, S Quadri, **M Mortazavi.** E-134 Ideal sedation for stroke thrombectomy: early findings of a prospective registry. 10.1136/neurintsurg-2018-SNIS.210.  
[https://jnis.bmj.com/content/10/Suppl\\_2/A114.2?utm\\_campaign=jnis&utm\\_content=consumer&utm\\_medium=cpc&utm\\_source=trendmd&utm\\_term=1-A](https://jnis.bmj.com/content/10/Suppl_2/A114.2?utm_campaign=jnis&utm_content=consumer&utm_medium=cpc&utm_source=trendmd&utm_term=1-A)
- 102.** Nguyen HS, Doan NB, Gelsomino M, Shabani S, Awad AJ, Best B, Kaushal M, **Mortazavi MM.** Subependymal Giant Cell Astrocytoma: A Surveillance, Epidemiology, and End Results Program-Based Analysis from 2004 to 2013. 2018 Jun 30. pii: S1878-8750(18)31385-8. doi: 10.1016/j.wnu.2018.06.169. Pub Med PMID: 29966782.  
<https://www.ncbi.nlm.nih.gov/pubmed/29966782>
- 103.** Ha Son Nguyen, Ninh B. Doan, Michael Gelsomino, Saman Shabani, Ahmed J. Awad, Mayank Kaushal, and **Martin M. Mortazavi.** Intracranial hemangioblastoma – A SEER-based analysis 2004–2013. Oncotarget. 2018 Jun 15; 9(46): 28009–28015. Published online 2018 Jun 15. doi: 10.18632/oncotarget.25534. PMID: 29963258.  
<https://www.ncbi.nlm.nih.gov/pubmed/?term=29963258>
- 104.** Mohammad W Kassem, Paul J Choi, corresponding author Joe Iwanaga, **Martin M Mortazavi,** and R. Shane Tubbs. Imaging Characteristics of Dural Arteriovenous Fistulas Involving the Vein of Galen: A Comprehensive Review. Cureus. 2018 Feb; 10(2): e2180. Published online 2018 Feb 11. doi: 10.7759/cureus.2180. PMID: 29657906.  
<https://www.ncbi.nlm.nih.gov/pubmed/?term=29657906>
- 105.** **Martin M Mortazavi,** MD1,2; Ghazaleh Ahmadi Jazi, MD1,2; Mohsen Sadati, MD1,2; Kamila Zakowicz1,2; Sarvenaz Sheikh1,2; Kianoosh Khalili, MD2; Farzad H. Adl, MD1,2; Asif Taqi, MD1,2; Ha Son Nguyen, MD1,2; R. Shane Tubbs, PhD2,3. Modern Operative Nuances for the Management of Eloquent High-Grade Gliomas. *J Neurosurg Sci.* 2018 Sep 25. doi: 10.23736/S0390-5616.18.04594-0. PMID: 30259723.  
<https://www.ncbi.nlm.nih.gov/pubmed/?term=30259723>

- 106. Martin M Mortazavi**, MD1,2; Ghazaleh Ahmadi Jazi, MD1,2; Mohsen Sadati, MD1,2; Kamila Zakowicz1,2; Sarvenaz Sheikh1,2; Kianoosh Khalili, MD2; Farzad H. Adl, MD1,2; Asif Taqi, MD1,2; Ha Son Nguyen, MD1,2; R. Shane Tubbs, PhD2,3. Gliomas: Survival Differences Between Metropolitan and Non-Metropolitan Counties. *J Neurosurg Sci*. Oct 2018.
- 107. Martin M Mortazavi**, MD1,2; Ghazaleh Ahmadi Jazi, MD1,2; Mohsen Sadati, MD1,2; Kamila Zakowicz1,2; Sarvenaz Sheikh1,2; Kianoosh Khalili, MD2; Farzad H. Adl, MD1,2; Asif Taqi, MD1,2; Ha Son Nguyen, MD1,2; R. Shane Tubbs, PhD2,3. Causes of Death in Glioblastoma – Insights from the SEER database. *J Neurosurg Sci*. Oct 2018. **PROOFS attached.**
- 108.** Taqi MA, Sodhi A, Suriya S, **Mortazavi MM**, Ideal Sedation for Stroke Thrombectomy (ISST): A Prospective Pilot Single-Center Observational Study". *Neurosurg Focus*. 2019 Feb 1;46(2):E16. doi: 10.3171/2018.11.FOCUS18522. PMID: 30717046. <https://www.ncbi.nlm.nih.gov/pubmed/?term=30717046>
- 109.** Salman Abbasi Fard, Ali Khajeh, Alireza Khosravi, Afsaneh Mirshekar, Safoora Masoumi, Farhad Tabasi, Tania Hassanzadeh, **Martin M Mortazavi**. Fulminant and Diffuse Cerebral Toxoplasmosis as the First Manifestation of HIV Infection. *American Journal of Case Reports*.
- 110.** Nimer Adeeb , Danielle L Terrell , Stephen Garrett Whipple , Jai Deep Thakur , Christoph J Griessenauer , Abdallah Adeeb , Asala Aslan , Ahmed Mamilly , **Martin M Mortazavi** , Rimal H Dossani , Bharat Guthikonda , Christopher S Ogilvy , Ajith J Thomas , Justin M Moore The Reproducibility of Cerebrovascular Randomized Controlled Trials. *World Neurosurg*. 2020 Aug;140:e46-e52. doi: 10.1016/j.wneu.2020.04.106. Epub 2020 May 8. <https://pubmed.ncbi.nlm.nih.gov/32437984/>

## ***b) Book Chapters***

1. “The Evolutionary Significance of the Pineal Gland”, in press for publication in the book: *Hypotheses in Clinical Medicine*. Publisher: Nova Science Publishers, Inc., New York, NY. [https://novapublishers.com/catalog/product\\_info.php?products\\_id=37738](https://novapublishers.com/catalog/product_info.php?products_id=37738)
2. Pediatric Cancer. Diagnosis, Therapy and Prognosis. Teratoid/Rhabdoid, Brain Tumors, and Gliomas. Chapter 17: “Pediatric Brain Tumor Biopsy or Resection: Use of Postoperative non-narcotic Analgesic Medication”. Publisher: Springer Inc. 2012. Volume 2. 179-182. [https://link.springer.com/chapter/10.1007%2F978-94-007-2957-5\\_17](https://link.springer.com/chapter/10.1007%2F978-94-007-2957-5_17)

3. Pediatric Cancer. Diagnosis, Therapy and Prognosis. Teratoid/Rhabdoid, Brain Tumors, and Gliomas. Chapter 20: “Postoperative Pain in Children: Advantage of Using Non-narcotic Analgesic Regimen”. Publisher: Springer Inc. 2012. Volume 2. 207-210.  
[https://link.springer.com/chapter/10.1007%2F978-94-007-2957-5\\_20](https://link.springer.com/chapter/10.1007%2F978-94-007-2957-5_20)
4. Treatment of Injured Spinal Cord: Engraftment of Neural Stem Cells. Stem cells and Cancer Stem Cells. Therapeutic Applications in Disease and Injury. Spinal Cord Repair. Chapter 4. Editor: Eric Hayet. Springer Inc. In press.  
[https://link.springer.com/chapter/10.1007/978-94-007-7329-5\\_20](https://link.springer.com/chapter/10.1007/978-94-007-7329-5_20)
5. Locomotor Recovery after Spinal Cord Transection: Transplantation of Oligodendrocytes and Motor neuron Progenitors from Human Embryonic Stem Cells. Stem Cells and Cancer Stem Cells. Therapeutic Applications in Disease and Injury. Spinal Cord Repair. Chapter 4. Editor: Eric Hayet. Springer Inc. In press.  
[https://link.springer.com/chapter/10.1007/978-94-017-7233-4\\_5](https://link.springer.com/chapter/10.1007/978-94-017-7233-4_5)
6. Spinal Cord Injury Engineering Using Neural Stem Cells. Stem Cells and Cancer Stem Cells. Therapeutic Applications in Disease and Injury. Spinal Cord Repair. Chapter 4. Editor: Eric Hayet. Springer Inc. In press. [https://link.springer.com/chapter/10.1007/978-94-007-7329-5\\_21](https://link.springer.com/chapter/10.1007/978-94-007-7329-5_21)
7. Variations of the Meninges. Variations in Human Anatomy. Editor: R. Shane Tubbs. Wiley Inc. In press. <https://onlinelibrary.wiley.com/doi/10.1002/9781118430309.ch81>
8. Variations of the ear. Variations in Human Anatomy. Editor: R. Shane Tubbs. Wiley Inc. In press.  
<https://onlinelibrary.wiley.com/doi/10.1002/9781118430309.ch97>
9. Variations of the Ventricles. Variations in Human Anatomy. Editor: R. Shane Tubbs. Wiley Inc. In press.  
<https://onlinelibrary.wiley.com/doi/10.1002/9781118430309.ch78>
10. Variations of the Subarachnoid Space. Variations in Human Anatomy. Editor: R. Shane Tubbs. Wiley Inc. In press.  
<https://onlinelibrary.wiley.com/doi/10.1002/9781118430309.ch80>
11. Operative technique for resection of Olfactory Groove, Planum Sphenoidale and Tuberculum Sellae Meningiomas. **Martin M. Mortazavi**, Nimer Adeeb, Laligam N. Sekhar. Illustrative Atlas of Operative Neurosurgery. Editors: Sekhar & Fessler. 2<sup>nd</sup>

edition. <https://www.thieme-connect.de/products/ebooks/lookinside/10.1055/b-0036-129892>

12. Operative techniques for resection of Intraventricular Tumors. Illustrative Atlas of Operative **Martin M. Mortazavi**, Nimer Adeeb, Richard G. Ellenbogen. Neurosurgery. Editors: Sekhar & Fessler. 2<sup>nd</sup> Edition. <https://www.thieme-connect.de/products/ebooks/lookinside/10.1055/b-0036-129884>
13. Ear. A Deep, **MM Mortazavi**, N Adeeb - Bergman's Comprehensive Encyclopedia of Human, 2016. <https://onlinelibrary.wiley.com/doi/abs/10.1002/9781118430309.ch97>
14. Mouse Model of Spinal Cord Injury: Neurons Derived from Transplanted Neural Stem Cells. Stem cells and Cancer Stem Cells. Therapeutic Applications in Disease and Injury. Spinal Cord Repair. Chapter 4. Editor: Eric Hayet. Springer Inc. In press. <https://www.sciencedirect.com/science/article/pii/S2214854X15300030>
15. Neurovascular Photonics. Nimer Adeeb, Babak Kateb, Salman Abbasi Fard, **Martin M. Mortazavi**. Textbook of Neurophotonics and Brain Mapping.
16. Neurological Aspects of Spinal Cord Tumors. Tania Hassanzadeh, BS, Sushma Bellamkonda, MD, Sajid S. Suriya, MD, Farzad H. Adl, MD, Andrei Alexandrov, MD, **Martin Mortazavi, MD**. Spinal Cord Tumors. Springer.
17. Surgical Nuances in Management of Intracranial Venous Sinus Injuries. **Martin M. Mortazavi**, Sajid S. Suriya, Farzad Hami Adl, Mohsen Saadati, Ghazale Ahmadi, R. Shane Tubbs. Anatomy, Imaging and Surgery of the Intracranial Dural Venous Sinuses Injuries.

### *c) Editorials*

1. **Editorial** by Alan Hoffer, and Warren R. Selman. Response by **Mortazavi et al**. Journal of Neurosurgery 116: 208 – 209, 2012.
2. **Editorial** by John LD Atkinson: Mannitol or Saline. Response by **Mortazavi et al**. Journal of Neurosurgery 2012 Sep 1.
3. **Editorial** by Nimer Adeeb, **Martin M. Mortazavi**. The role of FGF2 in spinal cord trauma and regeneration research. Brain & Behavior. 2014 Mar;4(2):105-7

### *d) Publications Chosen as Journal Cover*



1. Tubbs RS, Loukas M, Shoja MM, **Mortazavi MM**, Cohen-Gadol AA. Felix Vicq d'Azyr (1746-1794): early founder of neuroanatomy and royal French physician. Childs Nerv Syst. 2011 Jul; 27(7):1031-4. Pub Med PMID: 21445631. <https://www.ncbi.nlm.nih.gov/pubmed/?term=21445631>
2. Tubbs RS, Riech S, Verma K, Loukas M, **Mortazavi MM**, Cohen-Gadol A. Emanuel Swedenborg (1688-1772): pioneer of neuroanatomy. Childs Nerv Syst. 2011 Apr 6. Pub Med PMID: 21626006. <https://www.ncbi.nlm.nih.gov/pubmed/21626006>
3. Tubbs RS, Riech S, Verma K, Chern J, **Mortazavi MM**, Cohen-Gadol AA. China's first surgeon: Hua Tuo (c. 108-208 AD). Childs Nerv Syst. 2011 Mar 31. Pub Med PMID: 21452005. <https://www.ncbi.nlm.nih.gov/pubmed/?term=21452005>
4. Tubbs RS, **Mortazavi MM**, Shoja MM, Loukas M, Cohen-Gadol AA. The bishop and anatomist Niels Stensen (1638-1686) and his contributions to our early understanding of the brain. Childs Nerv Syst. 2011 Jan; 27(1):1-6. Pub Med PMID: 20700741. <https://www.ncbi.nlm.nih.gov/pubmed/?term=20700741>
5. **Mortazavi MM**, Tubbs RS, Hankinson TC, Pugh JA, Cohen-Gadol AA, Oakes WJ. The first posterior fossa decompression for Chiari malformation: the contributions of Cornelis Joachimus van Houweninge Graftdijk and a review of the infancy of "Chiari decompression". Childs Nerv Syst. 2011 Apr 6. Pub Med PMID: 21626007. <https://www.ncbi.nlm.nih.gov/pubmed/?term=21626007>
6. **Martin M. Mortazavi**, Basil Latif, Ketan Verma, Aman Deep, Christoph Griessenauer, R. Shane Tubbs, Takanori Fukushima. Gabrielle Fallopio and his significance for medicine. Child's Nervous System. Pub Med PMID: 22965774. <https://www.ncbi.nlm.nih.gov/pubmed/?term=22965774>

*e) Podcasted publications*

1. **Mortazavi MM**, Romeo A, Deep A, Griessenauer CJ, Shoja MA, Tubbs, RS, Fisher W. Hypertonic Saline for treatment of raised intracranial pressure: A review with meta-analysis. J Neurosurg. 2011 Sep 23. PMID:21942722. **Editorial.**
2. **Martin M. Mortazavi**, Christopher Griessenauer, Nima Bavarsad, Curtis Rozzelle, R. Shane Tubbs, Winfield S Fisher. Vein of Galen Malformations: A Comprehensive Review with proposal of a new classification system. JNS, 2013.

**f) Interactive Publications**

1. Telovelar Approach for Resection of Giant Pontomedullary Ependymoma. Please see: <https://www.youtube.com/watch?v=DJBK0zkTWnw&t=6s>
2. Telovelar Approach for Resection of Pontomesencephalic Cavernous Malformation. Please see: <https://www.youtube.com/watch?v=v69SP1Yytuw&t=97s>
3. Combined Petrosal Approach for Resection of Giant Clival Chordoma. Please see: <https://www.youtube.com/watch?v=ZhrsAH5jfVQ>
4. Parieto-occipital Transtentorial (Jamieson) Approach for Resection of Intraventricular Meningioma. Please see: <https://www.youtube.com/watch?v=l5LNha7a8QY>
5. Resection of Multifocal Glioblastoma Multiforme. Please see: <https://www.youtube.com/watch?v=4CAwuhEfdyg&t=108s>
6. Telovelar Approach for Resection of Superior Vermian Mass. Please see: <https://www.youtube.com/watch?v=KUyc3JS6lug>
7. Subtemporal Approach for Resection of Mesencephalic Cavernous Malformation. Please see: <https://www.youtube.com/watch?v=SlmgRv5mbEA&t=95s>
8. Modern Technical Nuances for Resection of Thoracic Cavernous Malformation. Please see: <https://www.youtube.com/watch?v=wKtI1W8cchk&t=113s>
9. Microsurgical Clipping of an Unruptured Basilar Tip Aneurysm. Please see: <https://www.youtube.com/watch?v=PU1dpgas6UI>
10. Extreme Lateral Transcondylar Craniectomy for Resection of Recurrent Clival Chordoma. Please see: <https://www.youtube.com/watch?v=t1a8zEuubsQ&t=131s>
11. Bilateral PCOM Aneurysm Clipping through Unilateral Craniotomy. Please see: <https://www.youtube.com/watch?v=xI40yiXbIhl>
12. Craniotomy, Posterolateral Orbitotomy, Extradural Anterior Clinoidectomy, Intradural Optic Nerve Decompression, for Resection of Tuberculum Sellae Meningioma. Please see: <https://www.youtube.com/watch?v=qFxetNWqAvc>
13. Extradural Anterior Clinoidectomy. Please see: [https://www.youtube.com/watch?v=y\\_ZV5fjOtug](https://www.youtube.com/watch?v=y_ZV5fjOtug)

14. Evacuation of Spinal Subdural Hematoma and Resection of Ruptured Spinal Arteriovenous Fistula. Please see: <https://www.youtube.com/watch?v=EeG6xpOZGWU>
15. Management of Gunshot Wound with Injury to Superior Sagittal Sinus, Brain and Frontal Sinuses. Please see: <https://www.youtube.com/watch?v=iloeUD2HLL4&t=131s>
16. Resection of Superior Vermian Hemangioma. Please see: <https://www.youtube.com/watch?v=FkLfMus0Lg0>
17. Left Subtemporal Transtentorial Approach for Resection of Dumbbell Shaped Trigeminal Schwannoma. Please see: <https://www.youtube.com/watch?v=gmvpD0OCGKI&t=136s>
18. Left Subtemporal Transtentorial Approach for Resection of Dumbbell Shaped Trigeminal Schwannoma. Please see: <https://www.youtube.com/watch?v=gmvpD0OCGKI&t=136s>
19. Interhemispheric Approach for Resection of Thalamo-mesencephalic GBM. Please see: <https://www.youtube.com/watch?v=bPhj8vPcams&t=3s>
20. Awake Craniotomy for Resection of a Recurrent Left Frontal Oligodendroglioma. Please see: <https://www.youtube.com/watch?v=A4L5mhk87CI>
21. Right Temporal Craniotomy for Resection of Temporal Glioblastoma. Please see: <https://www.youtube.com/watch?v=Rgmc2jb--0U>
22. Left Temporal Craniotomy for Resection of Recurrent Temporal Glioblastoma. Please see: <https://www.youtube.com/watch?v=5i0WpK9uTyE>
23. Left Frontal Craniotomy with Transcortical Approach for Resection of the Supratentorial Butterfly GBM. Please see: [https://www.youtube.com/watch?v=YwG\\_WFxDdF4](https://www.youtube.com/watch?v=YwG_WFxDdF4)
24. Bilateral Awake Craniotomy for Interhemispheric Resection of the Right Parasagittal GBM. Please see: <https://www.youtube.com/watch?v=xP6zpuUt8hA>
25. Left Occipital Craniotomy for Resection of a Large Recurrent Occipital Parasagittal GBM with Intraventricular Extension and Reconstruction of the Invaded Superior Sagittal Sinus. Please see: [https://www.youtube.com/watch?v=3Pg\\_dug95aY](https://www.youtube.com/watch?v=3Pg_dug95aY)
26. Right Transcortical Approach for Resection of the Recurrent Thalamo-mesencephalic GBM. Please see: <https://www.youtube.com/watch?v=oC3bw55MDZw>

**g) *New Neurosurgical Classification Systems***

- 1- Sekhar-Mortazavi Classification of Planum sphenoidale and Tuberculum sellae Meningiomas.** Martin M. Mortazavi, Harley Desilva, Manuel Ferreira Jr, Laligam N. Sekhar. Planum sphenoidale and Tuberculum sellae Meningiomas: Technical note on

modern surgical technique with outcome and proposal of a new classification system. World Neurosurgery. World Neurosurg. 2016 Feb;86:270-86. doi: 10.1016/j.wneu.2015.09.043. Epub 2015 Sep 25. Pub Med PMID: 26409085. <https://www.ncbi.nlm.nih.gov/pubmed/26409085>

- 2- Mortazavi Classification of Vein of Galen Aneurysmal Malformations.** Martin M. Mortazavi, Christopher Griessenauer, Nima Bavarsad, Curtis Rozzelle, R. Shane Tubbs, Winfield S Fisher. Vein of Galen Malformations: A Comprehensive Review with proposal of a new classification system. J Neurosurg Ped, 2013 Jul 26. Pub Med PMID: 23889354. <https://www.ncbi.nlm.nih.gov/pubmed/?term=23889354>
- 3- Mortazavi Classification of the Facial Nerve.** Martin M. Mortazavi, Basil Latif, Ketan Verma, Aman Deep, Christoph Griessenauer, R. Shane Tubbs, Takanori Fukushima. Fallopian Canal: A comprehensive review and proposal of a new classification. Childs Nerv Syst. 2014 Mar;30(3):387-95. doi: 10.1007/s00381-013-2332-0. Epub 2013 Dec 10. Pub Med PMID: 24322603. <https://www.ncbi.nlm.nih.gov/pubmed/?term=24322603>

#### *f) Novel Neurosurgical Techniques*

- 1- Falxplication: Mortazavi Novel Neurosurgical Technique for Treatment of Fusiform aneurysms.** Mortazavi MM, Hassanzadeh T, Khalili K, Suriya SS, Taqi MA, Fard SA, Tubbs RS. Falxplication, a Novel Method for Wrap-clipping a Fusiform Aneurysm: Technical Note. World Neurosurgery. 2018 Jan;109:40-46. doi:10.1016/j.wneu.2017.09.059. Epub 2017 Sep 20. Review. Pub Med PMID: 28939539. <https://www.ncbi.nlm.nih.gov/pubmed/?term=28939539>
- 2- Clipopexy: Sekhar-Mortazavi.** Mortazavi MM, Ravanpay AC, Sekhar LN. Clipopexy: An Anchoring Technique to Avoid Compression of Adjacent Neurovascular Structures by Aneurysm Clip. Cureus. March 31, 2014. 6(4): e168. doi:10.7759/cureus.168. <https://www.cureus.com/articles/2441-clipopexy-an-anchoring-technique-to-avoidcompression->

#### *g) Abstracts/Lectures*

1. Congress of Neurological Surgeons in October 2011: 'HTS for treating raised intracranial pressure: a meta-analysis'
2. Congress of Neurological Surgeons in October 2011: 'Does Clamping Time Effect Outcome in Elective Aneurysms?'

3. Congress of Neurological Surgeons in October 2011:  
Impact of Temporary Artery Occlusion during Aneurysm Surgery in Subarachnoid Hemorrhage Patients’.
4. North American Skull Base Society, Feb 2012:  
External Landmarks for Identifying the Drainage Site of the Vein of Labbé: Application to Neurosurgical Procedures.
5. North American Skull Base Society, Feb 2012:  
The Relationship Between The Superior Petrosal Sinus and Meckel's Cave:  
An Anatomical Study.
6. Southern Neurosurgical Society Annual Meeting March 2012, Amelia Island, Florida.  
‘HTS for treating raised intracranial pressure: a meta-analysis’.
7. North American Skull Base Society. Feb 2012. The Artery of Davidoff and Schechter:  
An Anatomical Study.
8. North American Skull Base Society, Feb 2013:  
Neural Interconnections between Portio Minor and Portio Major at the Porus  
Trigeminus.
9. North American Skull Base Society, Feb 2013: Identification of a new segment of the  
Trochlear nerve.
10. American Association of Neurological Surgeons, Pediatric. Annual Meeting Toronto,  
Dec 2014: Vein of Galen Malformations: Proposal of a New Classification System.
11. University of Alabama at Birmingham, Gallbraith Annual Meeting, November 6<sup>th</sup>, 2015:  
Resection of Deep Brain Stem Cavernous Malformations: Technical Nuances.
12. G20 world Mapping meeting: Turkey, Nov 13-15<sup>th</sup>, 2015:  
Modern Technical Nuances for Resection of Deep Brain Stem Lesions
13. American Association of Neurological Surgeons, Chicago, Apr 30 – May 4, 2016:  
Stem Cell Therapy for Spinal Cord Injury: The Use of Oligodendrocytes and Motor  
Neurons Derived from Human Embryonic Stem Cells
14. Congress of Neurological Surgeons: San Diego, Sep 24-28, 2016:  
Retro clival Abscess: The first reported case of extensive S. Mitis Retro-clival and Spinal  
Abscess
15. Congress of Neurological Surgeons: San Diego, Sep 24-28, 2016:  
Brain Stem Cavernous Malformations: A Meta-analysis on current treatments and  
outcome
16. American Association of Neurological Surgeons: Los Angeles, Sep 22-26, 2017:

## Cranial Osteomyelitis: A Comprehensive Review of the Current Concepts of Treatment

17. American Association of Neurological Surgeons: Los Angeles, Sep 22-26, 2017:  
Current Concepts for Surgical Resection of Pituitary Adenoma: A Systematic Review with Meta-analysis
18. American Association of Neurological Surgeons: Los Angeles, Sep 22-26, 2017:  
Controversies in Prophylactic Antibiotic Management of Traumatic Open Skull Fractures
19. American Association of Neurological Surgeons: Los Angeles, Sep 22-26, 2017:  
Access to deep brain stem lesions through safe entry zones:  
A critical review of the literature
20. Seattle Science Foundation, Seattle, Washington, May 9<sup>th</sup>, 2018.  
Current Concepts in Complex Brain Surgery and the Emerging Role of Subarachnoid Trabeculae. Invited Visiting Professor.
21. Western Neurosurgical society, Kona, Hawaii, September 15<sup>th</sup>, 2018.  
Evolution of Retractorless Brain Surgery The Evolving Role of subarachnoid Trabeculae Dissection. Invited Speaker.
22. National Skull Base Foundation Annual Neurosymposium, March 23, 2019.  
Westlake Village, CA. Scientific Program Director.
23. National Skull Base Foundation Annual Neurosymposium, March 23, 2019.  
Westlake Village, CA. Scientific Modern Management of Cerebral Aneurysms.
24. National Skull Base Foundation Annual Neurosymposium, March 23, 2019.  
Westlake Village, CA. Management of Tumor Around the Optic Nerve.
25. Western Neurosurgical Society, Scottsdale, Arizona, Nov 9, 2019  
Tuberculum Sellae Meningiomas: Role of Posterolateral Orbitotomy, Optic Canal Decompression, and Proposal of a New Classification System.
26. MASSIN Neurosurgical Meeting, Cartagena, Colombia, Nov 21, 2019.  
Tuberculum Sellae Meningiomas: Proposal of a New Classification System, and Role of Posterolateral Orbitotomy and Anterior Clinoidectomy.

### *h) Ad-hoc Reviews*

1. **Clinical Anatomy:** Three-Dimensional Morphometrical Analysis of the M1 Segment of the Middle Cerebral Artery: Potential Clinical and Neurosurgical Implications

Authors: Żurada, Anna; Gielecki, Jerzy; Tubbs, R. Shane; Loukas, Marios; Maksymowicz, Wojciech; Cohen-Gadol, Aaron A.; Michalak, Maciej; Chlebiej, Michał; Żurada-Zielińska, Agnieszka. **Reviewed June 28, 2010.**

2. **Clinical Anatomy:** What is the landmark of the anterior sylvian point?  
Authors: Ayberk, Giyas; Yagli, Omer; Comert, Ayhan; Esmer, Ali; Canturk, Nergis, Dinc, Hakan; Tekdemir, Ibrahim. **Reviewed May 14, 2011**
3. **Brain & Behavior:** Abnormal cortical sensorimotor activity during “Target” Sound detection in subjects with acute acoustic trauma sequelae: an fMRI study  
Authors: Agnès Job, Yoann Pons, Laurent Lamalle, Assia Jaillard, Karl Buck, Christoph Segebarth, Chantal Delon-Martin.  
**Reviewed Aug 7, 2011**
4. **Clinical Anatomy:** Prevertebral soft tissue measurements: How accurate are the radiological guidelines? Authors: Miller, Andrew; Stew, Benjamin; Moorhouse, Tobias; Owens, David; Whittet, Heikki. **Reviewed Aug 22, 2012**
5. **Brain & Behavior:** Characterization of recovered walking patterns and motor control after contusive spinal cord injury in rats. Authors: Christopher N. Hansen, William Linklater III, Raquel Santiago, Lesley C. Fisher, Stephanie Moran, John A Buford, Michael Basso. **Reviewed Mar 20, 2012**
6. **Elsevier:** Invited Review of the second edition of *Sunderland’s Nerve and Nerve Injuries*. Authors: R. Shane Tubbs & Robert Spinner. **Reviewed Oct 2012**
7. **Clinical Anatomy:** Macroscopic anatomy of the vertebral endplate: Quid significant?  
Authors: B. M. Rothschild, J. Ho, Y. Masharawi. **Reviewed Nov 16 2012**
8. **Clinical Anatomy:** Applied study of thin transverse and coronal sectional anatomy and CT image of inner segment of facial nerve in temporal bone. Yao-bin Li, Si-jia Duan, Ju-ru Duan, Ming-zhi Li, Jiang-ping Wei, Chun-jiu Lu. **Reviewed Jan 23, 2013.**
9. **Clinical Anatomy:** Morphometric Analysis of the YESS and TESSYS Techniques of Percutaneous Transforaminal Endoscopic Lumbar Discectomy. **Reviewed Jan 27, 2013**
10. **Clinical Anatomy:** Morphometry, asymmetry and variations of cerebral sulci on superolateral surface of cerebrum in autopsy cases. **Reviewed Mar 9, 2013.**
11. **TurkiyeKlinikleri:** The clinical consequences of coincidental opening of the large frontal sinus and superior sagittal sinus during bicoronal frontoparietal craniotomy to remove a parasagittal meningioma and its management. **Reviewed Apr 27<sup>th</sup> 2013.**

- 12. Neurosurgery: Microneurosurgery of Paragangliomas.** Thieme Verlag. **Reviewed July 19<sup>th</sup>, 2013.**
- 13. Turkiye Klinikleri Journal of Case Reports**  
Cervico-thoracic spontaneous spinal epidural hematoma in a case with anticoagulant therapy. **Reviewed Sep 30<sup>th</sup> 2013.**
- 14. Biomed Central Surgery.** Rhizotomy targeting the intermediate nerve, the glossopharyngeal nerve and the upper 1st to 2nd rootlets of the vagus nerve for the treatment of laryngeal neuralgia combined with intermediate nerve neuralgia-a case report. **Reviewed Oct 21<sup>st</sup> 2013.**
- 15. Brain & Behavior.** Fgf2 improves functional recovery- decreasing gliosis and increasing radial glia and neural progenitor cells after spinal cord injury. **Editorial written for this paper. Nov 4<sup>th</sup> 2013.**
- 16. Journal of Pediatric Genetics.** ACVRL1 Gene Variant in a Patient with Vein of Galen Aneurysmal Malformation.  
**Reviewed Nov 20, 2013.**
- 17. Journal of Neurosurgical Anesthesiology.** Mannitol versus Hypertonic Saline For Intra-Operative Brain Relaxation During Aneurysm Surgery.  
**Reviewed Jan 23, 2014**
- 18. Journal of Neurosurgical Anesthesiology.**  
A comparison of equivolume, equiosmolar solutions of hypertonic saline and mannitol for brain relaxation in patients undergoing elective intracranial tumor surgery: a randomized clinical trial.  
**Reviewed Mar 27, 2014**
- 19. Turkiye Klinikleri Journal of Case Reports.**  
Subdural hygromas related to spontaneous arachnoid cyst rupture: A Case Report.  
**Reviewed May 05, 2014**
- 20. Journal of Pediatric Neuroradiology.**  
Vein of Galen Malformations: long-term functional outcome in 6 cases.  
**Reviewed May 18, 2014**
- 21. Austin Journal of Cerebrovascular Disease and Stroke.**  
The Utility of Intracranial Plaque Imaging using 3-Tesla Magnetic Resonance Imaging for Middle Cerebral Artery Atherosclerosis.  
**Reviewed June 15, 2014**
- 22. Austin Journal of Cerebrovascular Disease and Stroke.**



Therapeutic Approaches for Patients with Acute Ischemic Stroke: IV t-PA, Endovascular/Catheter-based Intervention, or Both?  
**Reviewed July 24, 2014**

**23. Turkiye Klinikleri Journal of Case Reports.**

Spontaneous Resolution of Post-traumatic Acute Subdural Hematoma Rapidly: Case Report. **Reviewed Oct 1, 2014**

**24. Critical Care Nurse.**

The Use of Hypertonic Saline for Management of Intracranial Pressure in Pediatric Traumatic Brain Injury. **Reviewed Oct 2, 2014**

**25. Neurosurgical Review**

The Membrane of Lillieqvist: A safe haven in the middle of the Brain.  
**Reviewed March 14, 2015**

**26. Neurosurgical Review**

Evaluation of posterior clinoid process pneumatization by Multicenter Computed Tomography. **Reviewed Aug 26, 2016**

**27. Neurosurgical Review**

Impact of surgical treatment on muscular atrophy in cubital tunnel syndrome. **Reviewed Aug 26, 2016.**

**28. Neurosurgical Review**

The Anatomic Analysis of the Vidian Canal and the Surrounding Structures Concerning Vidian Neurectomy Using Computed Tomography Scans  
**Reviewed Mar 30, 2017**

**29. Critical Care Nurse**

Intraosseous administration of 23.4% hypertonic saline for intracranial hypertension: A case report. **Reviewed May 27, 2017**

**30. Developmental Medicine & Child Neurology**

Presentation, course and outcome of post-neonatal presentations of vein of Galen malformation. **Reviewed Oct 8, 2017**

**31. Journal of Pediatric Neurology**

Vein of Galen aneurysmal malformation: an update review.  
**Reviewed Oct 21, 2017**

**32. AIMS Cell and Tissue Engineering**

Embryonic stem cell therapy applications for autoimmune, cardiovascular, and neurological diseases: a systematic review and meta-analysis.  
**Reviewed Nov 6, 2017**

**33. Journal of Neurological Disorders & Stroke**

“To whom a screening should be recommended for small unruptured saccular cerebral aneurysm in young and middle-aged adults?”  
**Reviewed on Nov 8<sup>th</sup>, 2017**

**34. Journal of Pediatric Neurology**

Vein of Galen Aneurysmal Malformation: An update review. **Reviewed on Dec 14, 2017**

**35. Acta Neurologica Belgica**

Vein of Galen varix associated with straight sinus arachnoid granulation.  
**Reviewed on Aug 25<sup>th</sup>, 2018**

**36. Neurology and Neurosurgery**

Observation on Therapeutic Effect of High-dose Cerebrospinal Fluid Replacement Treatment for Aneurysm Subarachnoid Haemorrhage. **Reviewed on Nov 25, 2018.**

**37. Journal of Oral Pathology and Medicine**

Chronic Recurrent Osteomyelitis: A Surgeon’s Engima.  
**Reviewed on Nov 27, 2018.**

**38. BMJ Case Reports**

The rare case of a three-year old with candida skull base osteomyelitis – lessons to be learnt. **Reviewed on Dec 30, 2018.**

**39. Cell death & Disease**

Differentiation of human adipose-derived stem cells into neuron/motoneuron-like cells for cell replacement therapy of spinal cord injury. **Reviewed on Jan 2, 2019.**

**40. Clinical Anatomy**

The subtemporal approach to the peri-/mesencephalic structures with and without zygomatic osteotomy – an anatomical-morphometric study. **Reviewed on Feb 22, 2019.**

**41. Acta Neurologica Belgica**

Skull base osteomyelitis: factors implicating clinical outcome  
**Reviewed on Feb 23, 2019**

**42. World Neurosurgery**

Arteriovenous Malformations of the Posterior Fossa: A Systematic Review  
**Reviewed on Sep 26, 2019**

43. **Hindawi.** Bone Infarct as an Indicator of Acute Spinal Ischemia.  
**Reviewed on Nov 23, 2019**
44. **Annals of the Brazilian Academy of Sciences.**  
Clinico-epidemiological and socio-demographic profile of HIV/AIDS patients co-infected with *Toxoplasma gondii* in the Brazilian border.  
**Reviewed on Mar 21, 2020.**
45. **American Journal of Case Reports.** Sustained virologic suppression after 4 weeks of ledipasvir/sofosbuvir in HIV/HCV co-infection. **Reviewed on Mar 22, 2020.**
46. **Pediatric Neurosurgery.** Delayed diagnosis of intracranial aneurysm in pediatrics: the risk of misdiagnosis. **Reviewed on April 2, 2020.**
47. **BMJ Case Reports.** Large cell neuroendocrine carcinoma of the lung presenting as a conus intramedullary metastasis". **Reviewed on March 14, 2021.**
48. **SAGE Open Medical Case Reports.** A 64-year-old woman with rapid neurologic decline diagnosed with *Toxoplasma* encephalitis after presumed metastatic cancer".  
**Reviewed on March 14, 2021.**
49. **British Medical Journal:** Infection of a Sylvian arachnoid cyst after craniotomy for resection of a parasagittal meningioma. **Reviewed on May 18, 2021.**
50. **Journal of Neuro Interventional Surgery:** Trans-Vascular In Vivo Microscopy of the Subarachnoid Space". **Reviewed on Dec 26, 2021.**
51. **Pediatric Neurosurgery:** Cervico-medullary gliomas in pediatric age: a review of the literature and tertiary care center experience. **Reviewed on Dec 26, 2021.**
52. **Biomedicine.** DNA polymerase epsilon 2 predicts pathological grading and patient survival in gliomas. **Reviewed on Mar 21, 2022.**
53. **World Neurosurgery.** Clinical outcome and prognostic factors of patients with aneurysmal and non-aneurysmal subarachnoid hemorrhage. **Reviewed on Mar 30, 2022**
54. **World Neurosurgery.** A novel rat model of aneurysm built by simulating the wide-angle shape of aneurysmal cerebral artery bifurcation
55. **Frontiers in Bioengineering and Bio technology.** The Roles and Applications of Neural Stem Cells in Spinal Cord Injury Repair. Reviewed on July 6, 2022.
56. **British Medical Journal.** Case Reports. Subdural empyema, osteomyelitis and status epilepticus as a complication of pediatric sinusitis. Reviewed on July 8, 2022.

**57. World Neurosurgery.** Microsurgical Clipping of Middle Cerebral Artery aneurysms: Complications and Risk Factors for Complications. Reviewed on July 16, 2022.

**58. Journal of Clinical Medicine.** Cytomegalovirus and Glioblastoma: A Review of Biological Association and Therapeutic Strategies. Reviewed on July 17, 2022.

i) **Publons:** <https://publons.com/researcher/1313084/martin-m-mortazavi/metrics/>

j) ***YouTube Channel for Surgical Videos:***

<https://www.youtube.com/channel/UCqT4E24GY-g7bIM7paAV5PA>

k) ***Citations: 2956. H-index: 30, I-10-index: 69***

Please see: <http://scholar.google.com/citations?hl=en&user=LhRYiIEAAAAJ>