

# Autobiography



**Col Md Al Amin Salek**

*MBBS, MCPS, FCPS, MRCS, IFAANS*

*Diploma in spine surgery*

*Professional Master's in Neurosurgery*

**Professor**

**Department of Neurosurgery**

**Combined Military Hospital Dhaka, Bangladesh**

## MAILING ADDRESS

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## **EDUCATION CREDENTIALS**

<i>Name of Exam</i>	<i>Name of Institution</i>
<b>Secondary School Certificate</b>	Dhamura High School, Jessore Board
<b>Higher Secondary Certificate</b>	Dhaka College, Dhaka Board
<b>Bachelor of Medicine and Bachelor of Surgery</b>	Dhaka Medical College, Dhaka University
<b>Membership of College of physicians and Surgeons</b>	Bangladesh College of Physicians and Surgeons
<b>Fellowship of College of physicians and Surgeons</b>	Bangladesh College of Physicians and Surgeons
<b>Membership of Royal College of Surgeons</b>	The Royal College of Surgeons of England
<b>Diploma in Spine Surgery</b>	eccElearning
<b>Professional Masters in Neurosurgery</b>	Tech Technology University

## **PROFESSIONAL ATTACHMENT**

2014 - till today	CI Surgical Specialist (Neurosurgery), Combined Military Hospital Bangladesh Senior Consultant, Neurosurgery, United Hospital Limited, Dhaka Bangladesh
2022-2023	Professional Master's in Neurosurgery Tech Technology University
2019-2020	Diploma in Spine Surgery eccElearning (Blended Spine Surgery Education Program)
2012 (Jul- Sep)	Fellowship in Minimally Invasive Neurosurgery Weill Cornell Medical college, NY, USA
2008- 2013	Residency in Neurosurgery Armed Forces Medical Institute (AFMI), Bangladesh National University Hospital (NUH), Singapore
2007- 2008	Graded Surgical Specialist Department of Surgery, CMH Chittagong, Bangladesh
2005-2006	Medical Officer Level-1 Hospital United Nations Operation in Ivory Coast
2002–2005	Residency in General surgery Combined Military Hospital, Dhaka
1999-2001	Medical Officer Bangladesh Army
1997 - 1998	Internship Department of Surgery and Department of Medicine, Dhaka Medical College Hospital, Bangladesh
1990-1997	MBBS Course Dhaka Medical college Hospital

## **PROFESSIONAL MEMBERSHIP/FELLOWSHIP/AFFILIATION**

1. Bangladesh College of Physicians and Surgeons
2. Bangladesh Society of Neurosurgeons
3. Neurospine Society of Bangladesh
4. Society of Surgeons of Bangladesh
5. American Association of Neurological Surgeons
6. Craniovertebral Junction and Spine Society
7. North American Spine Society
8. Scoliosis Research Society
9. The Pituitary Society
10. Bangladesh Medical and Dental Council
11. The Royal College of Surgeons of England

## **TEACHING AFFILIATION**

1. Trainer & CME Programmer  
Postgraduate Training  
Department of NeuroSurgery  
CMH Dhaka, Bangladesh
2. Examiner  
Bangladesh college of Physicians and Surgeons

## **LANGUAGE SKILL**

First Language       - *Bengali*  
Other Languages      - *English, French, Arabic, Hindi*

## **PERSONAL**

Married  
Wife: Dr Shireen Akhter, MBBS, CCU, DMU  
Three Children

## **COURSE / WORKSHOP/SEMINAR/CONFERENCE**

1. Spine
  - a. 9<sup>th</sup> Spine Trauma Summit. Seattle Science Foundation. December 15-16, 2023.
  - b. Diploma in spine surgery
  - c. Cadaveric Course on MISS-2011 including Transforaminal Endoscopic Surgery, LASER certification for safe and precise use of medical LASERS, December 18, 2011, BJ Medical College, Pune, India.
  - d. Minimally Invasive Spinal Surgery Conference 19-20 December 2011, Marriott Convention Centre, Pune, India.
  - e. DePuy Spine ASPAC Cadaver Workshop in Bangkok, MIS TLIF Course, 25th-26th August 2011.
2. Microneurosurgery
  - a. Midas Rex Hands-On Workshop 11th October 2011, National University Hospital Singapore.
  - b. Cerebrovascular and Skull Base Course
3. Minimally invasive Neurosurgery
  - a. Fellowship in Minimally Invasive Neurosurgery, Weill Cornell Medical College, New York, USA: July 2012-Sept 2012
4. Endoscopic Neurosurgery
  - a. NUH-UPMC Comprehensive Endoscopic Endonasal Skull Base Cadaveric Course & Skull Base Tumor Symposium 2023
  - b. Hands on workshop “Endoscopic Endonasal Skull Base & Pituitary Surgery” 24-26 Nov 2015, Bangladesh Society of Neurosurgeons
  - c. Hands – on workshop “Advanced Endoscopic Skull Base and Pituitary Surgery” 12-13 March 2013, National University Hospital Singapore
  - d. “Advanced Endoscopic Pituitary and Skull Base Hands on Cadaveric Workshop”, 18-19 May 2012, Weill Cornell Medical College, New York, USA
  - e. Neuroendoscopic Fellowship (Brain & Spine) NSCB Medical college and Hospital, Jabalpur (MP) India, September 19-25, 2011.
  - f. Transorbital Skull Base Surgery:International Hands-On Course. Weill Cornell Medical College, NY, USA. June 3-4, 2022.
5. Neurointervention
  - a. 4th Neurointervention Concept Elucidate 2023 (NICE LIVE 2023) fellowship program on 27-29 April 2023 at J W Marriott, Aerocity, Delhi.
  - b. Fellowship in Neurointervention, Institute of Neuroscience, Medanta- The Medicity, Delhi, 29 Oct – 10 Nov 2018.
  - c. Learning Lab on endovascular interventions: “World Live Neurovascular Conference (WLNC-2017)” 15-17 May 2017, LA, USA
  - d. Teaching Course “ACUTE CARE REVASCULARIZATION THROMBOLYSIS AND THROMBECTOMY” 10th World Stroke Congress Oct 26-29, Hyderabad, India
  - e. Teaching Course “- INCREASING COMPETENCY IN STROKE CARE: YOU AND YOUR TEAM” 10th World Stroke Congress Oct 26-29, Hyderabad, India
  - f. Learning Lab on endovascular interventions: “World Live Neurovascular

- Conference (WLNC-2016)” 27-29 May 2016, Shanghai, China
  - g. “World Live Neurovascular Conference (WLNC-2017)” 15 -17 May 2017, LA, USA
  - h. “Observership in Interventional Neurosurgery” 11-12 May 2017; Rush University Medical Center Chicago, USA
  - i. “Observership in Neuroradiology” 8-9 May 2017; Cerrahpasa Medical School, Istanbul University, Turkey
  - j. “Global Endovascular Visitors Program” May 2-5, 2017; The Jacobs Institute, Buffalo, NY, USA
  - k. “World Live Neurovascular Conference (WLNC-2016)” 27-29 May 2016, Shanghai, China
6. Paediatric Neurosurgery
    - a. Endoscopic & Open Surgical Approaches for Craniosynostosis: Hands-On Course
  7. Intraop Neuromonitoring and Brain Mapping
    - a. IONM and Brain Mapping training, CMC Vellore, India. 27 Nov – 09 Dec 2023
  8. First South - East Asia Gamma Knife Course, Singapore April 11-13, 2011.
  9. “10th World Stroke Congress” Oct 26-29, Hyderabad, India
  10. 15th ASEAN Congress of Neurological Surgery 07-Mar-2013 to 09-Mar-2013, Radisson Blu Hotel in Cebu City, Cebu, Philippines
  11. 13th International Surgical Congress & SAARC Surgical Congress Meeting SOCIETY OF SURGEONS OF BANGLADESH Dec 4-7, 2015
  12. State of the Art Series: Management of Pituitary Tumors, 29-Nov-2012 to 30-Nov-2012 National university Hospital Singapore.
  13. Fellowship in Metaanalysis
  14. Satellite symposium on brain stereotactic radiosurgery/radiotherapy 22 March 2012, National university Hospital Singapore.
  15. State of the art series: Management of head injury, 8-9 December 2011, Advanced Surgery centre, National university Hospital Singapore.
  16. 8th Asian Congress of Neurological Surgeons (ACNS-2010)-Malaysia date: Nov 22-24, 2010.
  17. 5th International conference and scientific seminar Bangladesh Society of Neurosurgeons, Dhaka, Bangladesh Date: Apr 22-24, 2010.
  18. 9th International Surgical Congress of the Society of Surgeons of Bangladesh and SAARC surgical care Society Dhaka, Bangladesh December 3-6, 2004

## **PUBLICATIONS / BOOK CHAPTER/ RESEARCH WORKS**

1. Salek MAA, et al. (2023). Spinal Dural Arteriovenous Fistulas: Surgical Outcome Analysis of Twenty Cases. *Neuro Research*. 5(1):16.
2. <https://www.bookpi.org/bookstore/product/research-developments-in-medicine-and-medical-science-vol-3>. Chapter Links: <https://stm.bookpi.org/RDMMS-V3/issue/view/992>.
3. Salek MAA, et al. (2022). Case Report: Transorbital Neuroendoscopic Surgery (TONES) for a Case of Cavernoma-Associated Epilepsy Within the Mesial Temporal Lobe. *Neuro Research*. 5(1):15.
4. Salek, M. A. A., Shariar, R., Faisal, M. H., Manik, M. A., Choudhury, A. U., Chowdhury, R., Islam, M. A., Ahmed, M., Alam, Z., & Islam, S. (2018). Surgical outcomes of the endoscopic endonasal transsphenoidal approach for anterior skull base lesions: Experience in Combined Military Hospital, Dhaka. *JAFMC Bangladesh*, Vol 14, No 1 (June) 2018 page: 66-69.
5. Salek, M. A. A., Shariar, R., Faisal, M. H., Manik, M. A., Choudhury, A. U., Chowdhury, R., Islam, M. A., Ahmed, M., Alam, Z., & Islam, S. (2019). Early Institutional Experience of Management of Ruptured Intracranial Aneurysms: Our Team Approach. *Bangladesh Journal of Neurosurgery*, 9(1),39-43.
6. Salek Md Al Amin, Faisal Md Hasnain, Manik Md Abdul Hye, Choudhury Ahmed-Ul-Mursalin, Chowdhury Rukun Uddin, Islam Md Aminul (2020). Endoscopic endonasal transsphenoidal approach for resection of tuberculum sella and planum sphenoidale meningiomas: A snapshot of our institutional experience. *Asian Journal of Neurosurgery*, Volume: 15 | Issue Number: 1 | Page: 22-25.
7. Alam S<sup>1</sup>, Alam R<sup>2</sup>, Islam M<sup>3</sup>, Salek A<sup>4</sup> :Pattern of Injuries and Treatment Given to Victims of Rana Plaza Tragedy in a Level II Armed Forces Medical Facility in Bangladesh. *Disaster Med Public Health Prep*. 2016 May 16:1-4.
8. Matai A. Banu, M.D., Oszkar Szentimai. M.D., Lino Mascarenhas, M.D., Al Amin Salek, M.B.B.S., M.C.P.S., F. C.P.S., M.R.C.S, Vijay K. Anand, M.D., Theodore H. Schwartz, M.D.: "Endoscopic Endonasal Clip Ligation of Cerebral Aneurysms: An Anatomical Feasibility Study and Future Directions," *J Neurosurg*. 2016 Feb;124(2):463-8. doi: 10.3171/2015.1.JNS142650. Epub 2015 Jul 31.
9. Matai A. Banu, M.D., Oszkar Szentimai. M.D., Lino Mascarenhas, M.D., Al Amin Salek, M.B.B.S., M.C.P.S., F. C.P.S., M.R.C.S, Vijay K. Anand, M.D., Theodore H. Schwartz, M.D.: Pneumocephalus patterns following endonasal endoscopic skull base surgery as predictors of postoperative CSF leaks. July 4, 2014; DOI: 10.3171/2014.5.JNS132028.
10. Lino Mascarenhas, Yaron A. Moshel, Fatema Bayad, Oszkar Szentirmai, Al Amin Salek, Lewis Z. Leng, Christoph P.

- Hofstetter, Dimitris G. Placantonakis, Apostolos J. Tsiouris, Vijay K. Anand, Theodore H. Schwartz: The transplanum transtuberulum approaches for suprasellar and sellar-suprasellar lesions. Avoidance of CSF leak and lessons learned. *World Neurosurgery*. <http://dx.doi.org/10.1016/j.wneu.2013.02.032>..
11. M SALEK, M ISLAM. *Aneurysmal Bone Cyst Of The Temporal Bone - A Pathological Diagnostic Dilemma*. The Internet Journal of Neurosurgery. 2013 Volume 9 Number 1.
  12. Salek MA, Karlsson B, Yeo TT, Hanssens P, Ning C: "Lethal intratumoral haemorrhages of brain metastases during radiosurgery - Case reports and literature review"- *Acta Neurochir (Wien)*. 2013 Jan; 155(1): 115-8. doi: 10.1007/s00701-012-1507-x. Epub 2012 Sep 30
  13. MAA Salek, FCPS, MRCS, MA Mannan, MS: Gunshot Injury to the Cervical Spine with Progressive Neurological Deterioration- A Case Report. *The Internet Journal of Neurosurgery*.2012 volume 8 Number1.
  14. M. Salek, H Alam, M Islam, M.Zaman: Childhood convulsion and hemiparesis due to schizencephaly- a case report. *The Internet Journal of Neurosurgery*. 2009 Volume 6 Number1.
  15. Salek MAA, Low SW, Nga VDW, Yuan SY, Thant M, Lim SL, Teo K, Lwin S, Chou N, Yeo TT: INSERTION OF EXTERNAL VENTRICULAR DRAIN: IMPORTANCE OF BURRHOLE POSITION: poster presentation, 15th ASEAN Congress of Neurological Surgery 07-Mar-2013 to 09-Mar-2013, Radisson Blu Hotel in Cebu City, Cebu, Philippines
  16. MAA Salek, Yeo TT, C Ning, S Lwin, LS Wen, YS Yang, N Vincent, T Keja, M Thant, I Sun, L Sulone: Transaxillary needle endoscopic sympathectomy: Technical aspects and outcome in the management of primary palmar hyperhidrosis Division of Neurosurgery, National university Hospital Singapore. (submitted for publication)
  17. Co-Investigator: A Randomized, Double-Blind, Placebo-Controlled Phase 3 Study to Investigate the Efficacy and Safety of Progesterone in Patients with Severe Traumatic Brain Injury( CAPTAIN Trial)
  18. Co-Investigator: Randomised Evaluation of Surgery with Craniectomy for Uncontrollable Elevation of Intra-Cranial Pressure (Rescue ICP)
  19. Co-Investigator: Surgical Trial in Lobar Intracerebral Haemorrhage (STICH II Trial).