

# CURRICULUM VITAE

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**Current Posting: Working as Professor of Neurosurgery at Punjab Institute of Neurosciences (PINS) / Lahore, Pakistan**

## ➤ Qualification:

- M.B.B.S. 1987 - Passed all Professional M.B.B.S Examination in 1<sup>st</sup> attempt with 1<sup>st</sup> division in the final professional examination.**
- Master of surgery (MS) Neurosurgery from Punjab University, 1996.**
- Foreign Membership & Fellowship**
  - M.A.C.N.S (Member Asian Conference of Neurological Surgery Japan).**
  - F.A.C.S. (Fellow American College of Surgeons) U.S.A**
  - Fellowship of training Fujita Health University Nagoya - Japan.**

## Recent Publications

- MA Chaudary, S Shahid, Safe neurosurgical practices in Pakistan during second-wave of COVID-19. Pakistan J Neurological Surgery. Editorial. 2021;25(1): xi
- S Shahid, Chaudary MA, Majeed A, Siddique RA. Mental disorders emerging from the climate change: A need to mitigate the eco-anxieties. FUUAST J Biol. 2021; June 11(1): 69-73.
- MA Chaudary, S Shahid. COVID-19 Vaccination in Neurosurgeons. Pakistan J Neurological Surgery. Editorial. 2021;25(2): xii
- Chaudary MA, Shahid S. Sub arachnoid hemorrhage and vasospasm. Pakistan Journal Of Neurological Surgery. Editorial 2021 Oct 4;25(3).
- Chaudary MA, Shahid S. Management of Calcium, Vitamin D, and Uric-Acid Levels for Spinal Pain. Editorial Pakistan Journal Of Neurological Surgery. 2021;25(4).
- Chaudary MA, Shahid S. Neurosurgery with Artificial Intelligence. Editorial Pakistan Journal Of Neurological Surgery. 2022;26(1).
- [Journal Paper] M.A. Chaudary, S Shahid, Dengue virus and neurological complications. Pakistan Journal Of Neurological Surgery. 2022 Vol. 26(3). P. xi-xii. DOI: 10.36552/pjns.v26i3.790
- Shahid S, Ghayyur A, Majeed A, Nisar S, Chaudary MA. Post-vaccination (COVID-19) impacts in healthcare personnel. Pakistan Journal of Pharmaceutical Science (PJPS). 2021. Sept 20: Vol.34, No.05(Suppl): 1957-1962. (Impact factor: 0.684)
- Shahid S, MA Chaudary. Association of 25-Hydroxyvitamin D with Hematological Profile & Anthropometry in Patients with Glioma. Revista da Associação Médica Brasileira. 2022;68(11): 1547-1552 (IF: 1.712). <https://doi.org/10.1590/1806-9282.20220516>**
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## ➤ Experience & Service Record:

- Total more than 33 years (All in Teaching Institutions).
- Working as Professor of Neurosurgery Unit-II at Punjab Institute of Neurosciences, Lahore since 20-4-2021 to date.
- Worked as Professor of Neurosurgery Unit-II at P.G.M.I and Ameer-ud-Din Medical College/Lahore General Hospital Lahore Since 16-10-2020 to 20-04-2021.**
- Worked as Professor of Neurosurgery at P.G.M.I and Ameer-ud-Din Medical College/Lahore General Hospital Lahore Since 27-07-2015 to 20-04-2021**
- Worked as Associate Professor at Neurosurgery at P.G.M.I and Ameer-ud-Din Medical College/Lahore General Hospital Lahore Since 25-04-2012 to 26-07-15.**
- Served as **Associate Professor Neurosurgery** at SIMS (Services Hospital Lahore) since 05-11-2011 to 24-04-2012
- Worked as **Assistant Professor Neurosurgery** at **P.G.M.I/LGH Lahore** since 29-12-1999 to 04-11-2011.
- Selected as **Senior Registrar Neurosurgery** by P.P.S.C. on 05-08-2000.
- Worked as “**Senior Registrar Neurosurgery**” L.G.H Lahore from 10-03-1997 to 29-12-1999 (2 years & 10 months).
- Move over to B.P.S-18, with effect from 01-12-1997.
- Served as **Registrar Neurosurgery** at the department of Neurosurgery AIMC at Jinnah Hospital Lahore from 26-12-1995 to 10-03-1997 (1 year 2-1/2 months).

- xii. Worked as **Medical Officer/Registrar** in the department of Neurosurgery KEMC at LGH Lahore from 22-01-1989 to 25-12-1995. (6 years 11 months).
- xiii. Selected as **Medical officer** from Punjab Public Service Commission, with a good merit, 1988.
- xiv. One year House job in General Surgery in 1988 at Sir Ganga Ram Hospital F.J.M.C Lahore.

➤ **International Paper Presentation:**

1. "Intracranial pressure Monitoring" International conference of "Critical care management symposium" Dubai Jan. 17, 2002.
2. The management of Subarachnoid Hemorrhage. International conference by Ministry of Health UAE Dubai Jan 22, 2002.
3. Surgical treatment of Hemifacial spasm. International conference by Ministry of Health UAE Dubai Jan 22, 2002.
4. Anterior Cervical Fixation for TB of Cervical Spine. International conference by Ministry of Health UAE Dubai Jan 22, 2002.
5. Midline Skull Base Approaches to the Sellar, Parasellar and Paranasal Air sinuses Regions. International conference by Ministry of Health UAE Dubai Jan 22, 2002.
6. March 16-17, 2022. BIOCON-1 2022. 1st International Conference of Biotechnology. Organized by the Department of Biotechnology, University of Karachi Pakistan. Vitamin D deficiency, sedentary lifestyles and immune-suppressing tumor. Authors: Saman Shahid, Muhammad Anwar Chaudary.
7. March 10-12, 2020. 10<sup>th</sup> Annual International Conference on Industrial Engineering and Operations Management (IEOM), Dubai, UAE. (Virtual Conference). Prevalence of dementia and depression in brain tumor patients (poster). Authors: Saman Shahid, S Khalid, S Rasheed, M. A. Chaudary, S.S. Shahzad.
8. November 2019: International Conference on Recent Advances in Neurotraumatology. WFNS (World Federation Neurosurgical Societies) of Neurotrauma Committee Official Event. 13-17<sup>th</sup> Nov 19. Pearl Continental Hotel, Peshawar. Title: Assessment of anxiety levels in brain tumor patients. Authors: Saman Shahid, S Khalid, MA Chaudhary, S Rasheed, SS Hussain, MA Chaudary (abstract published)
9. March 13-14, 2020. Flagship PSIM (Pakistan Society of Internal Medicine) International Conference in collaboration with University of Health Sciences (UHS) and Royal College of Physicians and Surgeons, Glasgow UK, arranged by Pakistan Society of Internal Medicine (PSIM), Pakistan. Poster paper 1: Psychological issues emergence from the neurotoxic exposure of preserved food in brain cancer patients. Authors: Saman Shahid, S Khalid, S Rasheed, MA Chaudhry, S S Hussain.
10. December 19-20, 2019:IEEE-EMB, Brain, Mind, and Body: Cognitive Neuroengineering for Health and Wellness, La Jolla, California USA. Title: Prevalence of Depression in Difference WHO Brain Tumor. Authors: Saman Shahid, S Khalid, MA Chaudhary, S Rasheed, SS Hussain.

➤ **List of Paper Presentations: ( Pakistan )**

- 1) "Etiology & management of brain abscess". National Neurological conference Multan, 1992.
- 2) "Etiology and management of brain abscess". 40 years celebrations of L.G.H Lahore April 13, 1999.
- 3) "Treatment of degenerative cervical spine by modified anterior approach using D.C plate". 40 years celebrations L.G.H. April 13, 1999.
- 4) "Management of brain tuberculoma". 12<sup>th</sup> National Neurosurgical conference Lahore No. 6, 1999.
- 5) Prophylactic spinal Radiotherapy in Metastasizing brain tumors 13<sup>th</sup> National Conference Peshawar, 2000.
- 6) Use of lumbar drain in craniospinal surgery; 13<sup>th</sup> National conference Peshawar, 2000.
- 7) Recent trends in the management of pineal gland tumors Lahore, 2000.
- 8) Advantage of radiotherapy for the treatment of pineal gland tumors. Islamabad, 2001.
- 9) Midline skull base approaches to the sellar, suprasellar and Para nasal sinuses. 14<sup>th</sup> National Neurosurgical Conference P.C. Bhurban October 26 – 28, 2001, Murree, Pakistan.

- 10) Experience with Neurosurgical applications of fibrin glue gel. Surgicon 2002 held at Sheikh Zayed Hospital, Lahore March 8-9, 2002
- 11) Surgical approaches for orbital tumors. National Neurosurgical Conference Quetta 2004.
- 12) Combined Surgical Approaches for anterior Skull base Lesion. 20th National Neurosurgical Conference Multan, Dec 1-2 ,2007
- 13) Surgical Approaches for anterior Skull base Tumors. Annual Conference SSP Lahore.
- 14) Fungal Granuloma Brain : Management of 55 cases. 22nd, National Neurosurgical Conference Lahore, Dec 18-20 ,2009
- 15) February 3-5, 2022: 34<sup>th</sup> Annual Conference Pakistan Society of Neurosurgeons, Nishtar Medical University & Hospital (NMU), Multan. Poster: *Vitamin D deficiency in patients with glioma*. Author: Saman Shahid, M Anwar Chaudary.
- 16) August 27-29, 2021. 2<sup>nd</sup> Annual Conference: PSPCON2021, Serena Swat. Organized by Pakistan Society of Physicians (PSP), Department of Medicine, Saidu Teaching Hospital, Swat. *Poster presentation: Vitamin D deficiency in patients with glioma*. Authors: Saman Shahid, Muhammad Anwar Chaudary, and Sadaf Iftikhar.
- 17) July, 2021. 33<sup>rd</sup> Annual Conference (Karachi)-Pakistan Society of Neurosurgeons (PSN). Poster: *Safe neurosurgical practices in Pakistan*. Authors: Saman Shahid, S Sheikh and MA Chaudary.
- 18) November 2019: 32<sup>nd</sup> Annual Conference, Pakistan Society of Neurosurgeons (PSN). 13-14 Nov 2019 Pearl Continental Hotel, Peshawar, and Title: *Assessment of anxiety levels in brain tumor patients*. Authors: Saman Shahid, S Khalid, MA Chaudhary, S Rasheed, SS Hussain, MA Chaudary (abstract published).

## **TRAINING RECEIVED:**

### **❖ A: Participation in International Neurosurgical Seminars & Conferences:**

- 1) Participated in "controversies in Neurosurgery" International conference organized by the world federation of Neurological Societies & Pakistan Society of Neurosurgery, Oct. 1989, Lahore, Pakistan.
- 2) Participated in "Neurosurgery Education course" organized by the world Federation of Neurological Societies & Pakistan Society of Neurosurgery Feb. 6-12, 1993, Lahore, Pakistan.
- 3) Participated in "4<sup>th</sup> Asian Oceanian International congress of Skull Base surgery" Nov. 8-10, 1998 Islamabad, Pakistan.
- 4) Participated in "10<sup>th</sup> Asian Australasian congress of Neurological surgery No. 17-12, 1999, Lahore, Pakistan.
- 5) Participated in the meeting of "A.C.N.S - Asian Conference of Neurological surgery" held at Lahore Nov. 1999.
- 6) Attended the third A.C.N.S. meeting & study course at Japan Nagoya Nov, 2000.
- 7) Attended WFNS meeting Morocco, Marakish June, 18-25, 2005
- 8) Attended international symposium on epilepsy and CNS infection, Chandigarh, India Feb, 10- 14, 2007.
- 9) WFNS- Neurosurgery Educational Course 2007 Avari Hotel, Lahore, Pakistan, Feb 28, 2007
- 10) World Federation of Neurosurgical Societies, 13<sup>th</sup> Interim Meeting/12<sup>th</sup> Asian-Australasian Congress of Neurological Surgeons, Nagoya, Nov 18-22, 2007
- 11) ACNS .2010 Kuala Lumpur , Malaysia Nov 19-24, 2010
- 12) International primary Neurosurgical life Support (PNLS) course in ACNS at Kuala Lumpur Nov 22, 2010.
- 13) Dubai Spine International Conference Dubai 2012.
- 14) Karachi Spine by World Spinal Column Society & PSN Karachi 14-16 March, 2013.
- 15) ACNS Hands on Spine Workshop Karachi 14 Feb 15-16, 2014.
- 16) ACNS Educational Course Karachi Feb 15-16, 2014.
- 17) American College of Surgeons, CME. ATLS 9<sup>th</sup> Edition course and hands on workshop at CPSP Lahore oct 3-5, 2013.
- 18) ACNS 2014 ASTANA-kazakhstan Sep 9-12, 2014.
- 19) EANS Annual conference from 18<sup>th</sup> October, 2015 to 21<sup>st</sup> October, 2015.

20) Participated in Asian Congress of Neurological Surgeons “Endoscopic Skull Base Workshop” at Liaquat National Hospital & Medical College, Karachi on 19<sup>th</sup> – 20<sup>th</sup> November, 2015.

21) Participated in 28<sup>th</sup> Annual Conference “Pakistan Society of Neurosurgeons” at Liaquat National Hospital & Medical College, Karachi on 21<sup>st</sup> – 22<sup>nd</sup> November, 2015.

#### ❖ **B : Participation in National Conferences :**

- I have attended all National Neurosurgical conferences since 1989 to date which were held in different major cities of the country, 1989 to date.
- Attended 5 Neurotrauma Conferences in 2004, 2006, 2010, 2012, 2014 at, Lahore, Quetta, Peshawar , Lahore and Bhurban respectively.
- Also attend many conferences, seminars held by orthopedics & General Surgery department etc.

#### ❖ **C : International Fellowship Training**

- **Fellowship Training Fujita Health University Nagoya Japan Nov .5 – 27, 2000.**

#### ❖ **D : National Training Workshops / Courses .**

- FCPS Part 1 Preparatory Course. Dec 22, 1990 – Mar 1991
- Participated in training course "Total Nutritional Therapy Programme" organized by WHO& College of Physicians & Surgeons Pakistan, Lahore .Jan 1 -3 ,2000 and PC , Bhurban Oct 18,2009
- Information Technology Workshop Lahore. Jun 30th –Jul 01, 2001
- WHO & CPSP training “Education Planning & evaluation”. Lahore Jan 2002
- WHO & CPSP training “Supervisory Skills”.Lahore Jul,12-15. 2010
- Workshop Spinal Instrumentation & minimal invasive Spinal Surgery, PIMS Islamabad Nov .10, 2006
- PMP Course Lahore , Aug 6-10 ,2007
- Health Development Workshop Lahore 2008
- LABORATORY ANIMALS- Hands on workshop UVAS Lahore June 18-19, 2014.
- 5<sup>th</sup> Biennial Neurotrauma & 27<sup>th</sup> PSN Conference PC, Bhurban Oct, 24-26, 2014.
- Peripheral Nerve Surgery, Rawalpindi Medical college, Oct, 23, 2014.

#### ➤ **E: Medical Editing Training and Experience .**

- 1) National Conference on Medical Editing .Army Medical College Rawalpindi. Apr, 23-25 , 2007
- 2) Workshop on research & Medical Writing UHS Lahore Nov, 14-17 ,2005
- 3) Research Methodology –Biostatistics Software’s PC Lahore Nov 5-6, 2007
- 4) Research Methodology Seminar at PGMI Lahore , March 19,2002.
- 5) Orientation to Medical Education Workshop at PGMI / LGH Lahore. Feb 17, 2009
- 6) Best Evidence Medicine Workshop at UHS Lahore. Sep 18-19, 2009
- 7) Research Methodology Biostatistics & Medical writing CPSP Lahore, Jan 17-20, 2011.
- 8) Symposium on Medical Editing PGMI/LGH/AIMC PC, Lahore Dec 2-2012.
- 9) **Managing Editor "Pakistan Journal of Neurological surgery"** official journal of Pakistan Society of neurosurgeons and Department of Neurosurgery Post Graduate Medical Institute Lahore, which was approved by Pakistan Medical and Dental Council Islamabad, since July 1999 to date.
- 10) **Regional Editor** , Asian Journal of Neurosurgery .( Japan ) since 2006
- 11) **PAME and EMAME (Eastern Mediterranean Association of Medical Editors)** conference on Medical Editing UHS Lahore, April 25, 2013.
- 12) **November 2019: 32<sup>nd</sup> Annual Conference, Pakistan Society of Neurosurgeons (PSN).** 13-14 Nov 2019 Pearl Continental Hotel, Peshawar, How to write a good research paper and how to avoid plagiarism? Saman Shahid, Muhammad Anwar Chaudary

#### ❖ **Academic Honours :**

- Neurosurgery Unit-III, PGMI/AMC/PINS/ Lahore General Hospital, Lahore, headed by **Prof. Dr. Muhammad Anwar Chaudary participated in Crash-3 Trial conducted by the London School of Hygiene UK.** His unit recruited 1178 patients of head injury for this research trial. This figure was highest among all the 150 centers of 49 countries which participated in the trial. **Thus Dr. Muhammad Anwar’s Unit was at No. 1 among 150 centers of 49 countries of the world which was big honor for the Pakistan.**
- Awarded "P.A.M.S - Junior Gold Medal" for a country wide competition of "Best Medical Publication" for year 2000.

- Awarded legend of neurosurgery gold medal Karachi, Pakistan Dec 2005.
- Hosted and organized Symposium on Medical Editing AIMC/PGMI/LGH PC Lahore Dec 2, 2012
- Paper evaluator for MS Neurosurgery UHS, Lahore since 2012.
- Paper Setter and Examiner for MS Neurosurgery since 2014.
- Secretary of “**Speciality Advisory Committee**” of UHS since 2020 to date.
- Director of fellowship training programme at Punjab Institute of Neurosciences, Lahore for Vascular Fellowship and Spinal Fellowship since Dec-2021 to date (Neurosurgeons from all over the Pakistan and neighbouring countries like Afghanistan are receiving fellowship training).

#### ❖ MANAGERIAL POSTS:

- **Founding President.** " Young Neurosurgeons Forum of Pakistan " 2002-2004
- Conducted **Endoscopic workshop** at LGH & Children Hospital being **President** Young Neurosurgeon form of Pakistan Lahore 2004.
- **Press & Publication Secretary**, Pakistan Society of Neurosurgeons 2005 -2007
- **Joint Sectary Pakistan Society of Neurosurgeons (2012)**
- **Finance Secretary of Pakistan Society of Neurosurgeons (2013)**
- **Finance Secretary of Pakistan Society of Neurosurgeons (2014)**
- **Finance Secretary of Pakistan Society of Neurosurgeons (2015)**
- **Finance Secretary Medical Teachers Association PGMI LGH, Lahore (2009-2012)**
- **Joint Secretary Medical Teachers Association PGMI LGH, Lahore (2013-2014)**
- **Chief Patron R & R Welfare society Lahore.** Since 2003.
- **Managing Editor Pakistan Journal of Neurological Surgery since July 1999 to date**
- **GOLD MEDALS**
- **Awarded PAMS Junior Medal Award and Cash Price Rs: 10,000 for best research publication in the whole Pakistan, 21<sup>st</sup> jan 2001.**
- **Awarded Legend Neurosurgeon Gold Medal Award at National Neurosurgical Conference Karachi, 2004.**
- **Awarded life time achievement Gold Medal by Pakistan academy of family physician 2013.**

## More than 65 Publications in Reputed Journals

#### ❖ **International publications:**

- 1) “Effects of tranexamic acid on death, disability, vascular occlusive events and other morbidities in patients with acute traumatic brain injury (CRASH-3): a randomised, placebo-controlled trial”.  
The CRASH-3 trial collaborators,  
“THE LANCET”, Vol-394, November 9, 2019.

#### ❖ **National Publications:**

- 1) "Microbiology of Brain abscess" Pakistan Journal of Neurology Vol. 4 No. 2 July -Dec. 1998.
- 2) "Treatment of Brain Abscess with aspiration or Excision". Pakistan Postgraduate Medical Journal Vol.10, No. 2 Apr. June 1999.
- 3) Prophylactic Spinal Radiotherapy in pineal Tumors" Pakistan Journal of Neurology Vol. 5, No. 1 Jun. - June 1999.
- 4) "Conservative management of brain abscess" Journal of Neurological Surgery Vol. 1, No. 1 July - Sep. 1998.
- 5) "Epidemiology of Pediatric Craniocerebral trauma". Journal of Neurological Surgery Vol. 1, No. 1 July - Sep. 1998.
- 6) "Etiology of Brain abscess" Journal of Neurological surgery". Vol. 2, No. 1 Oct. - Dec. 1998.
- 7) "Pineal region tumors. Advantage of radiotherapy with out tissue diagnosis". Journal of Neurological surgery Vol. 3, No.1 Jan.- Mar. 1999.
- 8) "Value of complete excision in cerebellar Hemangioblastoma" Journal of Neurological surgery, Vol.3 No.2 & 3, Apr. - Sep. 1999.

- 9) Factors affecting outcome in anaplastic astrocytoma" Journal of Neurological Surgery, Vol. 3 No. 2 & 3, Apr. - Sep. 1999.
- 10) "Role of Lumbar drain in Craniospinal Surgery" Journal of Neurological Surgery Vol.3 No.4 Oct. - Sep. 1999.
- 11) Calvarial Meningioma – A rare entity" Journal of Neurological Surgery, Vol. 3 No. 4 Oct.-Dec. 1999.
- 12) "Social loss by low backache" Journal of Neurological Surgery. Vol. 3 No. 4, 1999.
- 13) "Three in one - Meningioma, Ruptured aneurysm and hydrocephalus case report" Journal of Neurological Surgery, Vol. 3 No. 4, 1999.
- 14) "Recovery of Contralateral Nerve functions in carotid aneurysmal surgery - case report. Journal of Neurological Surgery, Vol. 3 No. 4, 1999.
- 15) "Outcome of surgery for anterior cervical spine injuries" Annals of KEMC Vol. 6 No. 2, 2000.
- 16) "Status Epilepticus - Review article" Journal of Neurological surgery Vol. 3 No. 4, 1999.
- 17) Protocol for the diagnosis and conservative management of the tuberculoma brain. Journal of Neurological Surgery Vol. 4 No. 1-2, 2000.
- 18) Prolonged Endotracheal intubation vs tracheostomy, in critically ill Neurosurgical patients. Journal of Neurological Surgery Vol. 4 No. 1-2, 2000.
- 19) Recent trends in Neurosurgery, personal experience in Japan. Journal of Neurological surgery Vol. 4 No. 1-2000.
- 20) Management of massive encephalocele; Journal of Neurological surgery Vol. 4 No. 1-2, 2000.
- 21) Experience with the use of Fibrin Adhesive Gel; Pakistan Journal of Neurological surgery Vol. 5 No. 1, 2001.
- 22) Relative frequency of Intracranial tumors in Pakistani population “A study of 280 consecutive, biopsy proven cases”, Pakistan Journal of Neurological surgery Vol. 5 No. 1, 2001.
- 23) Sellar, suprasellar and midline anterior skull base lesions- transthemoidal approach a versatile tool; Pakistan Journal of Neurological surgery Vol. 5 No. 2, 2001
- 24) Role of carotid ligation in cranial vascular pathologies. Pakistan Journal of Neurological Surgery Vol. 5, No. 2: 2002:
- 25) Diagnostic Difficulties in the Presence of Two Clinical Entities. Pakistan Journal of Neurological Surgery, Vol. 6, No. 2. 2002.
- 26) Trigeminal Neuralgia --- Micro Vascular Decompression; Pakistan Journal of Neurological Surgery, Vol. 7, No. 1. 2003.
- 27) Surgical Approaches for the Orbital Pathologies: Pakistan Journal of Neurological Surgery, Vol. 7, No. 1. 2003.
- 28) Tuberculosis of the Cranial Vault, A Rare Entity; Pakistan Journal of Neurological Surgery, Vol. 7, No. 1. 2003.
- 29) Depressed fracture skull-Etiology, Management and results Pakistan Journal of Neurological Surgery, Vol.8, No.1 2004
- 30) Neurotrauma requiring surgery-One Year study at Lahore General Hospital, Pakistan Journal of Neurological Surgery, Vol.8, No.1 2004
- 31) Incidence of Hepatitis B & C at Neurosurgical Floor, Pakistan Journal of Neurological Surgery, Vol.8, No.1 2004
- 32) Case report- Complete Recovery of Vision after total Blindness in a Case of Olfactory Groove Meningioma, Pakistan Journal of Neurological Surgery, Vol.8, No.1 2004
- 33) Extradural Hematoma: An analysis of Surgical Management of 150 selective cases, Pakistan Journal of Neurological Surgery, Vol.8, No.2 2004
- 34) The Surgical Management of Supratentorial Astrocytomas, Pakistan Journal of Neurological Surgery, Vol.8, No.2 2004
- 35) Comparison of various approaches for orbital lesions, Pakistan Journal of Neurological Surgery, Vol.8, No.2 2004
- 36) Review Article- Innovations and Rapid Advances in Neurosurgery Proceedings of the 13<sup>th</sup> WFNS Congress Morocco, Pakistan Journal of Neurological Surgery, Vol.9, No.1 2005
- 37) Outcome assessment of Severe Head Injuries, Pakistan Journal of Neurological Surgery, Vol.9, No.1 2005

- 38) Carotid Endarterectomy- Early experience at Lahore General Hospital, Pakistan Journal of Neurological Surgery, Vol.10, No.1 2006
- 39) Original Articles- Surgical approaches for Orbital Lesions, Review of 60 Cases, Pakistan Journal of Neurological Surgery, Vol.11, No.1 2007
- 40) Anterior Versus Posterior Stabilization in Thoracolumbar Spinal Trauma, Pakistan Journal of Neurological Surgery, Vol.11, No.2 2007
- 41) Intracranial Fungal Granuloma Various Treatment Modalities Depending Upon The Anatomical Structures involved  
Pakistan Journal of Neurological Surgery, Vol.13, No.1 Jan-Jun., 2009
- 42) TakaYasu's Disease: A rare Case of Occlusive Vascular Disorder of Brain  
Pakistan Journal of Neurological Surgery, Vol.13, No.1 Jan-Jun., 2009
- 43) Anterior Cage Fixation in Thoraco-Lumbar Spinal Injuries  
Pakistan Journal of Neurological Surgery, Vol.13, No.2 July-Dec., 2009
- 44) Outcome in surgically treated patients with dorsal and Dorso-Lumbar Spinal Tuberculosis: A Retrospective study of 40 cases  
Pakistan Journal of Neurological Surgery, Vol.13, No.2 July-Dec., 2009
- 45) Craniovertebral Junctional Injuries and Management  
Pakistan Journal of Neurological Surgery, Vol.14, No.1 Jan-June., 2010
- 46) Anterior Decompression and Fixation with a Reconstruction Plate in Cervical And Cervicodorsal Spinal Tuberculosis: A Study of 39 cases.  
Pakistan Journal of Neurological Surgery, Vol.14, No.1 Jan-June., 2010
- 47) Microvascular Decompression for Trigeminal Neuralgia  
Pakistan Journal of Neurological Surgery.-Vol. 15, No. 2, Jul. – Dec. 2011.
- 48) Post-Operative Visual Improvement in Pituitary Lesions after Trans-Sphenoidal Surgery.  
Pakistan Journal of Neurological Surgery.-Vol. 16, No. 2, -Dec, 2012
- 49) The Clinical Presentation and Management of Brain Abscess  
Pakistan Journal of Neurological Surgery, Vol. 17, No. 1, Jan. – Jun., 2013
- 50) Conservative Management of Extra Dural Hematoma  
Pakistan Journal of Neurological Surgery, Vol. 17, No. 2, Jun. – Dec., 2013
- 51) Management of Tuberoses Sclerosis.  
Pakistan Journal of Neurological Surgery, Vol. 17, No. 2, Jun. – Dec., 2013
- 52) Neurosurgical Management of Intracranial Epidermoid  
Pakistan Journal of Neurological Surgery, Vol. 18, No. 1, Jan. – Jun., 2014
- 53) Osteolytic Skull Lesions Rare but Important pathology in Neurosurgical Department.  
Pakistan Journal of Neurological Surgery, Vol. 18, No. 1, Jan. – Jun., 2014
- 54) Two years audit of Parkinsonism patients at Royal commission hospital Yanbu, Kingdom of Saudi Arabia.  
Pakistan Journal of Neurological Surgery, Vol. 19, No. 1, Jan. – March., 2015.
- 55) Familial epilepsy- A Population based study in Yanbu, Kingdom of Saudi Arabia.  
Pakistan Journal of Neurological Surgery, Vol. 19, No. 1, Jan. – March., 2015.
- 56) Brain Tumors Multi Disciplinary Approach: A modality of choice in the management of osteolytic skull lesion.  
Pakistan Journal of Neurological Surgery, Vol. 20, No. 4, Oct. – Dec., 2016.
- 57) Increasing the implication of endoscopy to a wide spectrum of intraventricular lesion.  
Pakistan Journal of Neurological Surgery, Vol. 20, No. 4, Oct. – Dec., 2016.
- 58) Intracranial Aneurysm: Endovascular treatment of odd looking pericallosal aneurysm.  
Pakistan Journal of Neurological Surgery, Vol. 21, No. 3, Jul. – Sep., 2017.
- 59) Post operative rise in serum sodium level, an indicator of diabetes insipidus after pituitary adenoma surgery.  
Pakistan Journal of Neurological Surgery, Vol. 22, No. 1, Jan. – Mar., 2018.
- 60) Six month analysis of posterior fossa surgery at Neurosurgery Unit-I, Punjab Institute of Neurosciences, Lahore.  
Pakistan Journal of Neurological Surgery, Vol. 22, No. 1, Jan. – Mar., 2018.

- 61) Outcome of endoscopic discectomy in patients with lumbar prolapsed intervertebral disc. Pakistan Journal of Neurological Surgery, Vol. 23, No. 3, Jul. – Sep., 2019.
- 62) Outcome of endoscopic treatment of intracranial arachnoid cyst  
Pakistan Journal of Neurological Surgery, Vol. 23, No. 2, Apr – Jun., 2019.
- 63) Safe Neurosurgical Practices in Pakistan during Second-Wave of COVID-19.  
Pakistan Journal of Neurological Surgery, Vol. 25, No. 1, Jan – Mar., 2021.
- 64) COVID-19 Vaccination in Neurosurgeons.  
Pakistan Journal of Neurological Surgery, Vol. 25, No. 2, Apr – Jun., 2021.
- 65) Sub arachnoid hemorrhage and vasospasm.  
Pakistan Journal of Neurological Surgery, Vol. 25, No. 3, Jul – Sep., 2021.
- 66) Comparison of surgical outcome of anterior circulation aneurysms with and without proximal temporary artery occlusion  
Pakistan Journal of Neurological Surgery, Vol. 25, No. 4, Oct – Dec., 2021.
- 67) Post-traumatic syringomyelia: A case series  
Pakistan Journal of Neurological Surgery, Vol. 25, No. 4, Oct – Dec., 2021.
- 68) Management of Calcium, Vitamin D, and Uric-Acid Levels for Spinal Pain.  
Pakistan Journal of Neurological Surgery, Vol. 25, No. 4, Oct – Dec., 2021.