



## In Collaboration With

- Emirates Society of Neurological Surgeons
- Turkish Neurosurgical Society

# PROGRAM GUIDE



9 - 11<sup>TH</sup> NOVEMBER, 2023.

CONFERENCE MANAGED BY



THEME: NEUROSURGERY, CONVENTIONAL TO MINIMAL INVASIVE

THURSDAY - 9<sup>TH</sup> NOVEMBER, 2023.

**WORKSHOP DAY**



**THEME: NEUROSURGERY, CONVENTIONAL TO MINIMAL INVASIVE**

**Thursday November 9<sup>th</sup> 2023**

### Workshop

8.00 AM to 8.15 AM		Reception And Registration
1	Cadaver workshop on Craniovertebral junction and Cervical Spine	Anatomical Dissection Hall
2	Cadaver Workshop on Brachial Plexus, & Peripheral Nerve Repair	Anatomical Dissection Hall
3	Cadaver Workshop on Endoscopic Transsphenoidal	Anatomical Dissection Hall
4	ETV & Surgical Approaches to 3rd and Lateral Ventricle (Live Surgery)	Minimal Invasive Surgical Center (MISC)
5	Approaches to Brain Tumors.	I.T Hall

01.00PM to 01.30PM	Webinar on Brachial Plexus Repair. <b>Prof. Debora Garozzo (UAE)</b>
01.30 PM to 02.00PM	<b>Lunch &amp; Prayer</b>
04.30PM to 05.30PM	<b>Excursion Visit</b>
05.30PM	<b>Back to Hotel.</b>

7.30 PM Sharp	<b>Shuttle / Bus available at Hotel for Inauguration Dinner</b>
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**INAUGURATION DINNER  
AT 8:30 PM**

CONFERENCE MANAGED BY



THEME: NEUROSURGERY, CONVENTIONAL TO MINIMAL INVASIVE

FRIDAY - 10<sup>TH</sup> NOVEMBER, 2023.

**CONFERENCE DAY**

CONFERENCE MANAGED BY



THEME: NEUROSURGERY, CONVENTIONAL TO MINIMAL INVASIVE

# SESSION 1 & 2.

# PAPER PRESENTATION



**THEME: NEUROSURGERY, CONVENTIONAL TO MINIMAL INVASIVE**

## ( Scientific Session)

8.20 AM to 8.25AM

Recitation of Holy Quran

**10<sup>th</sup> November 2023**

Day-1

Session-1

Hall-A (Latif Hall)

### SPINE

Chairman

Prof. Dr. Arif Malik

Co-Chairman

Prof. Dr. Ali Akbar Bhand

Moderator

Dr. Muhammad Usman

Time	Topic	Speaker
8.30-8.40	Technical Report of Free Hand Pedicle Screw Placement using Kim's Entry Point for LumboSacral Spine.	Dr. Nadia Banaras. Consultant Neurosurgeon Bolan medical complex Quetta Baluchistan.
8.40-8.50	Transforaminal discectomy under local anaesthesia; my experience.	Dr. M Farooq Sherzada, Prof. Dr. Mumtaz Ali, Prof. Dr. Ali ShahJehan.
8.50-9.00	The use of antibiotics in surgical field after Laminectomy and fenestration procedure.	Dr. Syed Hanifullah Ali institute of medical sciences, Peshawar.
9.00-9.10	Experience of short-segment fixation in Thoracolumbar spine traumatic fractures at tertiary care hospital.	Dr. Burhan Ul Haq, Registrar Neurosurgery, Department of Neurosurgery, Combined Military Hospital, Lahore.
9.10-9.20	PATTERN OF SPINAL INJURIES.	Dr. MUSADIQUE LATIF, Dr. LAL REHMAN.
9.20-9.30	Frequency and clinicoradiological characteristics of traumatic thoracolumbar fractures: An institute-based experience.	Dr. Shabih Ayesah, Resident Neurosurgery, Civil Hospital/Dow University of Health Sciences, Karachi.


**THEME: NEUROSURGERY, CONVENTIONAL TO MINIMAL INVASIVE**
**10<sup>th</sup> November 2023**

Day-1	Session-2	Hall-A (Latif Hall)
<b>SPINE</b>		
Chairman		Prof. Dr. Abdul Hameed
Co-Chairman		Prof. Dr. Lal Rehman
Moderator		Prof. Dr. Shahzad Hussain
Time	Topic	Speaker
9.30-9.40	Spinal Dysraphism – Embryology and management.	Dr. Zubair Tahir (UK)
9.40-9.50	ANALYSIS OF RELATIONSHIP BETWEEN SUBAXIAL PEDICLE SCREW MALPOSITION AND VERTEBRAL ARTERY INJURY ON CADAVER.	Ozcan SONMEZ <sup>1,2</sup> ,* Dr. Yahya GUVENC <sup>1,2</sup> , Dr. Buket GEDIK <sup>3</sup> , Dr. Kadir KOLCAK <sup>3,1</sup> Department of Neurosurgery, Marmara University School of Medicine, Istanbul, Turkey.
9.50-10.00	Outcomes of Minimal Invasive Spine Surgery Trans Pedicular Fixation.	Dr. Talha Rasheed, Dr. Shahzad Hussain Shah, Dr. Muhammad Ishfaqe.
10:00-10:10	NORMATIVE SCORE AND CUT OFF VALUE OF ODI IN PATIENTS WITH LOWER BACK PAIN WITH AND WITHOUT DISABILITY IN PAKISTANI POPULATION.	Dr. Shuja Shaukat, Department of Neurosurgery, Civil Hospital/Dow University of Health Sciences, Karachi, Pakistan.
10:10-10:20	Spinal Dysraphism Clinical Presentations and Treatment Approach.	Dr. Bakht Nawaz, Institute of Neurosciences, Lahore.
10:20-10:30	Outcome of Spinal Dysraphism surgery without Electrophysiological Monitoring in a resourceconstrained country: Our 10 years institutional Experience.	Dr. Sana Jamal, PGR Neurosurgery Department of Neurosurgery, AIMC/ Jinnah Hospital Lahore.
10:30-10:40	Comparative Analysis of Interbody Spacers Versus Tricortical Graft with Anterior Plate Fixation for Anterior Cervical Discectomy and fusion in Degenerative Cervical Disc Disease.	Dr. Abdul Aziz, Dr. Ehtisham, Dr. Shahbaz, Dr. Haider, Dr. Khalid zadran, Dr. kamal, Dr. Deen M, Dr. Atiya, Dr. Aqsa, (Abbottabad).





**THEME: NEUROSURGERY, CONVENTIONAL TO MINIMAL INVASIVE**

**10<sup>th</sup> November 2023**

**Day-1**

**Session-1**

**Hall-B (Academic Counsel Hall)**

**Vascular**

Chairman

Prof. Dr. Anwar Choudary

Co-Chairman

Prof. Dr. Gohar Javed

Moderator

Dr. Muhammad Nadeem

<b>Time</b>	<b>Topic</b>	<b>Speaker</b>
<b>8:30-8:40</b>	Clinical outcomes and quality of life after endovascular embolization for Vein of Galen Aneurysmal Malformation (VGAM): A study from a low-and middle-income country	Dr. Fatima Suleman, Resident Post - Graduate Year-II Aga Khan University Hospital
<b>8:40-8:50</b>	AUDIT OF 450 CASES OF INTRACRANIAL ANEURYSMS CLIPPING	Dr. WAQAS BASHIR, Prof. Dr. MUHAMMAD ANWAR CH., Prof. Dr. FOUZIA SAJJAD, Dr. AMIR AZIZ, Dr. IJAZ WAAD, Dr. FAIQ SHEIKH. PINS Lahore.
<b>8.50-9.00</b>	SURGICAL OUTCOME OF PATIENTS WITH MALIGNANT MCA INFARCT	Dr Mahrukh Afreen – PG, Neurosurgery, Shifa International Hospital, Islamabad.
<b>9.00-9.10</b>	Institutional experience for outcome of micro surgical clipping of ruptured intracranial aneurysm at Punjab Institute of Neuroscience, Lahore	Dr. Mustapha Shesh, Resident Neurosurgery, Neurosurgery Unit II, Punjab Institute of Neurosciences, Lahore.
<b>9.10-9.20</b>	Feasibility and Outcomes of Awake Craniotomy form Brain Arteriovenous Malformations: A Scoping Review.	Mohammad Hamza Bajwa, AKU Karachi.
<b>9.20-9.30</b>	Carotid Endarterectomy: Our Experience at Brain Surgery Hospital.	Muhammad Ammad Ul Haq, Saad Javed , Arif Malik, Holy Family Hospital, Rawalpindi Medical University, Rawalpindi
<b>09.30-09.40</b>	Outcome of Microscopic Clipping for Anterior Circulation Aneurysms: A Case Series of 75 Aneurysms.	Dr. Talha Sajid, PINS Lahore







**THEME: NEUROSURGERY, CONVENTIONAL TO MINIMAL INVASIVE**

**10<sup>th</sup> November 2023**

**Day-1**

**Session-2**

**Hall-B (Academic Counsel Hall)**

## Traumatology

Chairman

Prof. Dr. Tariq Hashim

Co-Chairman

Prof. Dr. Abdul Munam Chohan

Moderator

Dr. Fahmeeda Mallah

Time	Topic	Speaker
9.30-9.40	Analysis of cerebral Microdialysis in patients with traumatic brain injury: relation to Intracranial Pressure and Cerebral Compliance.	Kashif Ali Sultan, Prof Fauzia Sajjad.
9.40-9.50	Head Injury and underage motorcyclists: An ever-increasing menace in a lowermiddle-income country.	Dr. Mohammad Ashraf. Department of Neurosurgery, Allama Iqbal Medical College, Jinnah Hospital, Lahore,
9.50-10.00	Hinge Craniotomy: An Alternative to Decompressive Craniectomy in Traumatic Brain Injury	Muhammad Usman Department of Neurosurgery, PAF Hospital, Fazaia Medical College, Islamabad
10:00-10:10	"Effect of the COVID-19 Pandemic on the Trends of Traumatic Brain Injury in Pakistan: A Retrospective Review of Patient Charts".	Dr. Salaar Ahmed Medical College, Aga Khan University, Karachi
10:10-10:20	OUTCOME OF PEDIATRIC HEAD INJURIES	Dr. Musadique Latif, Lal Rehman
10:20-10:30	THE RELATIONSHIP BETWEEN MECHANISM OF TRAUMA AND PRESENCE OF ACUTE SUBDURAL HEMATOMA.	Dr. Muhammad Muizz Uddin.
10:30-10:40	Traumatic Brain Injuries in PMC Hospital Nawabshah.	Dr. Azhar Hussain. PGR Department of Neurosurgery people's university of medical health science Nawabshah.





**THEME: NEUROSURGERY, CONVENTIONAL TO MINIMAL INVASIVE**

**10<sup>th</sup> November 2023**

**Day-1**

**Session-1**

**Hall-C (Pathology Lecture Hall)**

**NEURO-ENDOSCOPY / HYDROCEPHALUS**

Chairman

Prof. Dr. Shahzad Shams.

Co-Chairman

Prof. Dr. Sajid Nazir Bhatti.

Moderator

Prof. Dr. Hamid Akbar

<b>Time</b>	<b>Topic</b>	<b>Speaker</b>
<b>8:30-8:40</b>	Retrospective Study of Endoscopic Endonasal Transphenoidal Approach to the Skull Base at Hayatabad Medical Complex, Peshawar.	Dr. Muhammad Yasir Basir. PGR, Hayatabad Medical Complex, Peshawar
<b>8:40-8:50</b>	CHALLENGES IN ENDOSCOPIC SURGERY OF COLLOID CYST OF 3RD VENTRICLE.	Dr. Subhan Shahid, Dr. Talha Abbas, Prof. Dr. Abdul Hameed
<b>8.50-9.00</b>	Endoscopic third Ventriculostomy in the management of obstructive hydrocephalus: Success and failure.	Dr. Sohial Amir Assistant Professor Neurosurgery, HMC/MTI/ KGMC/ Peshawar.
<b>9.00-9.10</b>	ENDOSCOPIC RESECTION OF SUPRASELLAR ARACHNOID CYST.	Dr. Sanaullah, Prof. Dr. Riaz a Raja, LUMHS Jamshoro.
<b>9.10-9.20</b>	COMPARISON OF SUCCESS RATE OF FRONTAL VERSUS OCCIPITAL ENTRY SITE FOR VENTRICULOPERITONEAL SHUNT.	DR. SHUJAT MOMAND UNDER SUPERVISION OF PROF. HAFIZ ABDUL MAJID
<b>9.20-9.30</b>	Endoscopic excision of 3rd ventricle colloid cyst; a safe procedure.	Dr. Aafaq Ahmad Qarnain Khalil, Prof. Dr. Mumtaz Ali Ali institute of Neurosciences, Irfan general hospital Peshawar.
<b>9.30-9.40</b>	OUTCOME OF ENDOSCOPIC RESECTION OF COLLOID CYST: EXPERIENCE AT LUMHS JAMSHORO.	Dr. Babar Ali Qureshi. Prof. Riaz Ahmed Raja. LUMHS Jamshoro





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**Day-1**

**Session-2**

**Hall-C (Pathology Lecture Hall)**

**MISCELLANEOUS**

Chairman

Prof. Dr. Khaleeq-uz-Zaman

Co-Chairman

Prof. Dr. Brig.Zahid Hussain

Moderator

Prof. Dr. Syed Raza Rizvi

Time	Topic	Speaker
9.30-9.40	Anterior column reconstruction using titanium ttcage with bone graft in spinal tuberculosis.	Prof. Dr. Rizwan Akram.
9.40-9.50	OUTCOME OF ENDOSCOPIC TUBULAR DISCECTOMY COMPARED TO CONVENTIONAL DISCECTOMY FOR THE TREATMENT OF LUMBAR DISC HERNIATION: EARLY INSTITUTIONAL EXPERIENCE.	Dr. AURANGZEB KALHORO LUMHS Jamshoro.
9.50-10.00	Evolution of 3D Reconstructed Acrylic Cranial Implants and Cranioplasty: An Institutional Experience at the Punjab Institute of Neurosciences, Lahore.	Dr. Mujahid Ali. PINS Lahore.
10:00-10:10	To determine the frequency of neural tube defects in children at PMCH Nawabshah.	Dr. Naimat Shar PUMHS Nawabshah.
10:10-10:20	Day Case surgeries in Neurosurgery: A paradigm shift in surgical approach for neurosurgical cases.	Dr. Mubashir Malik Consultant Neurosurgeon Punjab Institute of Neurosciences Lahore Pakistan
10:20-10:30	Primary Intracranial Leiomyosarcoma (PICLMS): A Systematic Review of Case Reports and Case Series from 2000 to 2023.	Dr. Haseeb Mehmood Qadri, PINS Lahore.
10.30.10.40	Supratentorial Resection an Emerging concept of Glioblastoma MultiformeSurgery-Systemic Review and Meta-Analysis.	Dr.Peer Asad Qureshi. Bilawal Medical College/LUMHS Jamshoro





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**10<sup>th</sup> November 2023**

**Day-1**

**Session-1**

**Hall-D (DME Hall)**

**NEURO-ONCOLGY**

Chairman

Prof. Dr. Arshad Choudary.

Co-Chairman

Prof. Dr. Manzoor Ahmed.

Moderator

Prof. Dr. Shahid Ayub.

Time	Topic	Speaker
8:30-8:40	Comprehensive Analysis of Speech and Motor Impairments in Low-Grade Glioma Surgery within the Eloquent Cortex: Integrating Exoscopic Neuronavigation, Functional MRI, & Tractography at Punjab Institute of Neurosciences, Lahore.	Dr. Mian Aamir Fiaz Resident Neurosurgery, Neurosurgery Unit II, Punjab Institute of Neurosciences Lahore
8:40-8:50	Intracranial Meningioma; assessment of tumor size and clinical features on first presentation.	Dr. Haris Hamid, Neurosurgery Resident JPMC, Karachi.
8:50-9:00	MOLECULAR SIGNATURES FOR SURVIVAL PREDICTION IN GLIOMA: A PROSPECTIVE, REAL-WORLD DATA ANALYSIS.	Dr. Mohammad Hamza Bajwa, AKU Karachi.
9:00-9:10	THE FATE OF SEIZURES IN PATIENTS HARBORING SUPRATENTORIAL BRAIN TUMORS AND UNDERGOING SURGICAL RESECTION.	Dr. Sana Akbar Qazi*, Dr. Rabail Akbar Qazi, Dr. Tanweer Ahmed, Dr. Anita Ghazal, Dr. Ali Afzal, Dr. Iram Bokhari. JPMC, Karachi.
9:10-9:20	A Month in Cross Section: Sphenoid Wing Meningioma's a Case report of Eleven Case Series, A Single Center Experience.	Dr. Aamir Irshad, Dr. Shahid Ayub Department of Neurosurgery, Hayatabad Medical Complex.
9:20-9:30	PREDICTING POST RESECTION PERSISTENT HYDROCEPHALUS IN PEDIATRIC PATIENTS WITH POSTERIOR FOSSA TUMORS USING CANADIAN PREOPERATIVE PREDICTION RULE FOR HYDROCEPHALUS (CPPRH) SCA	Dr. Sehrish Altaf Department: NEURO-SURGERY/Hospital: JINNAH POSTGRADUATE MEDICAL CENTRE, Karachi.
09:30-09:40	Clinical characteristics and outcomes in patients with traumatic brain injury in Sindh. A retrospective observational study.	Dr. Kanwal Ali, Dr. Aitzaz Prof. Riaz Ahmed Raja LUMHS Jamshoro.



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**10<sup>th</sup> November 2023**

**Day-1**

**Session-2**

**Hall-D (DME Hall)**

**PENDIATRIC NEURO-ONCOLOGY**

Chairman

Prof. Dr. Athar Enam.

Co-Chairman

Dr. Naureen Mushtaq.

Moderator

Prof. Dr. Altaf Leghari.

<b>Time</b>	<b>Topic</b>	<b>Speaker</b>
<b>9.30-9.45</b>	Multidisciplinary approach in Pediatric Brain Tumor Management	Dr. Naureen Mushtaq
<b>9.45-10.00</b>	WHO 2021 Classification of CNS tumors.	Dr.Khurram Minhas
<b>10.00-10.10</b>	Controversies in the radiation therapy of Medulloblastoma and Ependymoma	Dr. Asim Hafiz
<b>10.10-10.20</b>	Radiological pearls for the diagnosis of Pediatric brain tumor.	Dr.Shayan Anwar.
<b>10.20-10.30</b>	Role of surgical intervention in recurrent Brain tumors.	Prof. Dr. Gohar Javeed.
<b>10.30AM-10.45AM</b>	<b>Tea / Coffee Break</b>	



THEME: NEUROSURGERY, CONVENTIONAL TO MINIMAL INVASIVE

# SESSION 3.

# STATE OF ART LECTURES

HALL-A (LATIF HALL)



**THEME: NEUROSURGERY, CONVENTIONAL TO MINIMAL INVASIVE**

**10<sup>th</sup> November 2023**

**Day-1**

**Session-3**

**Hall-A (Latif Hall)**

**STATE OF ART LECTURES**

Chairperson	Prof. Dr. Rasheed Jooma	
Secretary	Prof. Dr. Mumtaz	
<b>Time</b>	<b>Topic</b>	<b>Speaker</b>
10.45-11.10 (25Minutes)	<b>OV Jooma Memorial Lecture</b> Enhanced recovery after Spine surgery.	Prof. Dr. Gordan (United Kingdom)
Chairperson	Prof. Dr. Tariq Salahudin	
Secretary	Prof. Dr. Shams Raza Brohi	
<b>Time</b>	<b>Topic</b>	<b>Speaker</b>
11.10-11.35 (25Minutes)	<b>Prof.Dr.Bashir Memorial Lecture.</b> The Training for Neurosurgeons in Australia. (Opportunities for Foreign Trainees to train and study in Australia)	Prof. Dr.Bruce Hall (Australia)
Chairperson	Prof. Dr. Ahmed Ali Shah	
Secretary	Prof. Dr. Tariq Khan	
<b>Time</b>	<b>Topic</b>	<b>Speaker</b>
11.35-12.00 (25Minutes)	<b>Prof.Dr.Iftikhar Raja Memorial Lecture</b> Common mistakes in spine surgery How to avoid them?	Prof. Dr. Mehmat Zileli. (Turkey)
Chairperson	Prof. Naqibullah Achakzai	
Secretary	Prof. Ehsan Bari	
<b>Time</b>	<b>Topic</b>	<b>Speaker</b>
12.00-12.25 (25Minutes)	<b>WINS Session.</b> Futility in Neurosurgery.	Dr. Sarah Olson (Australia)
Chairperson	Prof. Dr. Azhar Javed.	
Secretary	Prof. Dr. Naveed Ashraf	
<b>Time</b>	<b>Topic</b>	<b>Speaker</b>
12.25-12.50 (25Minutes)	<b>Prof.Dr.Aftab Ahmed Qureshi Memorial Lecture</b> Does low-back pain improve after decompressive spinal surgery? A prospective observational study from the British Spine Registry.	Prof. Dr. Irfan Malik (United Kingdom)
12.50-2.00	<b>Jumma Prayer &amp; Lunch</b>	



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THEME: NEUROSURGERY, CONVENTIONAL TO MINIMAL INVASIVE

# SESSION 4.

## KEY NOTE LECTURES (NATIONAL FACULTY)

HALL-A (LATIF HALL)





**THEME: NEUROSURGERY, CONVENTIONAL TO MINIMAL INVASIVE**

**10<sup>th</sup> November 2023**

**Day-1**

**Session-4**

**Hall-A (Latif Hall)**

**Key Note Lectures (National Faculty)**

Chairman	Prof. Dr. Shabir Ahmed Lehri.	
Co-chairman	Prof. Dr. Fouzia Sajjad	
Moderator	Prof. Dr. Nadeem Akhtar	
<b>Time</b>	<b>Topic</b>	<b>Speaker</b>
<b>02.00-02.10</b>	Ethics & Empathy in Neurosurgery.	Prof. Dr. Ahmed Ali Shah
<b>02.10-02.20</b>	Current management of cerebral AVM	Prof. Dr. Rasheed Jooma
<b>02.20-02.30</b>	Training of Neurosurgery in Pakistan	Prof. Dr. Tariq Salahuddin
<b>02.30-02.40</b>	SURGEONS AS LEADERS	Prof. Dr. Asif Bashir
<b>02.40-02.50</b>	Complications of Endonasal Skull Base Surgery	Prof. Dr. Khalid Mehmood
<b>02.50-03.00</b>	Pakistan Brain Tumor Epidemiology?	Prof. Dr. Athar Enam

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THEME: NEUROSURGERY, CONVENTIONAL TO MINIMAL INVASIVE

# SESSION 5.

## YOUNG NEUROSURGEON SESSION

HALL-A (LATIF HALL)



**THEME: NEUROSURGERY, CONVENTIONAL TO MINIMAL INVASIVE**

**10<sup>th</sup> November 2023**

**Day-1**

**Session-5**

**Hall-A (Latif Hall)**

**Young Neurosurgeon Session**

Chairman

Dr. Aneela Darbar

Co-chairman

Dr. Syed Muzaffar-uddin

Moderator

Dr. Zubair Khan

**Time**

**Topic**

**Speaker**

**03.00-03.30**

Career Pathways For Higher Specialty Training / Fellowships

Dr. Saad Bin Anis.





THEME: NEUROSURGERY, CONVENTIONAL TO MINIMAL INVASIVE

# SESSION 6.

## STATE OF ART LECTURES

HALL-A (LATIF HALL)



**THEME: NEUROSURGERY, CONVENTIONAL TO MINIMAL INVASIVE**

**10<sup>th</sup> November 2023**

**Day-1**

**Session-6**

**Hall-A (Latif Hall)**

**State of Art lectures**

Chairman	Prof. Dr. Yaseen Malik	
Co-Chairman	Prof. Dr. Onur Yaman	
Moderator	Prof. Atiq Ahmed Khan.	
<b>Time</b>	<b>Topic</b>	<b>Speaker</b>
<b>03.30-03-45</b>	Woven Endobridge (WEB) embolization of bifurcation aneurysm; Transition from WEBable aneurysm to WEB-suitable and finally WEB-perfect one, based on personal experiences of 10 consecutive cases.	Dr. Won Huh Consultant Neurosurgeon Department of Neurosurgery Sheikh Khalifa Specialty Hospital (SKSH), Ras Al Khaimah, UAE
<b>03.45-04.00</b>	How to choose treatment modalities for Brain AVMs.	Prof. Dr. Qasim Bashir
<b>04.00-04.15</b>	Paediatric Epilepsy Surgery – Recent Advances.	Dr. Zubair Tahir (United Kingdom)
<b>04.15-04.30</b>	Neuro-stimulator Technique for Facial Pain.	Dr. Sarah Olson (Australia)

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THEME: NEUROSURGERY, CONVENTIONAL TO MINIMAL INVASIVE

# PANEL DISCUSSION



**THEME: NEUROSURGERY, CONVENTIONAL TO MINIMAL INVASIVE**

**Panel Discussion**

04.30-05.30 (1 Hour)  
Session.

**Topic. Controversies in Neurosurgery**

Time	Topic	Panelist
15 minutes	<b>Pediatric:</b> 1. Foramen magnum decompression for Chiari - bone only vs duraplasty. 2. MMC Closure when should be done? When should be Avoided..	Prof. Tariq Salahudin Prof.Asim Bashir Dr.Zubair Tahir.  <b>(Discussants)</b> Prof.Naqibullah, Prof.Abdul Hameed, Dr.Kamalpory Wakman, Prof.Fauzia Sajjad
15 minutes	<b>Trauma:</b> Decompressive Craniotomy with Duroplasty in TBI.	Prof. Tariq Khan Prof. Ehsan Bari  <b>(Discussants)</b> Prof.Mumtaz, Prof.Shams Raza Brohi
15 minutes	<b>Brain Tumor:</b> Decision making in surgical NeuroOncology. (surgery/observation/biopsy/awake and G/A? Low Grade Glioma	Prof. Athar Enam. Prof. Rasheed Jooma Prof. Shahzad Shamim,  <b>(Discussants)</b> Dr.Bilal Afridi, Dr.Adnan Khan, Dr.Zaeem Sultan, Dr.Mehboob Alam, Dr.Talha, Dr. Saad bin Anis, Dr. Naveed Zaman
15 minutes	<b>Spine:</b> Fusion or not to fuse in Degenerative Spine.	Prof. Salman Sharif Prof. Mehmet Zileli  <b>(Discussants)</b> Prof.Onur Yaman, Prof.Asif Bashir Prof.Gordan, Dr.Saeed Qaimkhani
05.20-06.00	<b>General Body Meeting.</b>	
<b>06.00PM Back to Hotel.</b>		
<b>08.00PM Gala Dinner.</b>		

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THEME: NEUROSURGERY, CONVENTIONAL TO MINIMAL INVASIVE

# ROLE OF NURSING IN NEUROSURGERY

HALL-B (ACADEMIC COUNSEL HALL)




**THEME: NEUROSURGERY, CONVENTIONAL TO MINIMAL INVASIVE**

Day-1		Session-7		Hall-B (Academic Counsel Hall)	
Role of Nursing in Neurosurgery					
Chairperson			Ms. Parveen Akhtar		
Time	Topic		Speaker		
11.00-12.30					
15 minutes	Challenges & issues faced by Neurosurgery Nurses		Ms. Parveen Akhtar BSN, MPH, PhD Scholar		
10 minutes	Communication skills		Ms. Victoria Samar BSN, MSN , WHO Master Trainer		
10 minutes	Infection Control in neurosurgery		Mr. Mairaj Hafeez BSN, MPH		
10 minutes	Operation theater protocols		Ms.Samina		
10 minutes	Pre & post nursing care		Ms. Lubna		
10 minutes	Rehabilitation of Neurosurgery Patient		Ms. Fatima Soomro BSN, MSN		
10 minutes	Effects of hyperglycemia of traumatic tbrain injury		Mr. Roshan Ali MSN		
10 minutes	Neurosurgery nursing research and evidence based practice		Khushbo chandio lecture PNS LUMHS		
10 minutes	Neurosurgery and Nursing Ethics.		Mansoor ul Haq Nohri lecturer PNS LUMHS		
20 minutes	Hemodynamic monitoring for Neurosurgery patient. Arterial Line and CVP line care.		Ms. Zohra Javed Section Head Nursing Education Services		
20 minutes	Log roll Positioning having spinal Injury. Lifting and transferring patient from bed to Stretcher. (Presentation ppt, and Hands-on practice session)		Mr.Atiq –Ur-Rehman Section Head Clinical Nursing. Ms.Alferida (Nursing Supervisor). Mr.Sohaib.		





THEME: NEUROSURGERY, CONVENTIONAL TO MINIMAL INVASIVE

# SESSION 1.

# RESEARCH WORKSHOP

HALL-D (DME HALL)

08.30 AM to 09.30 AM (1 Hour)



**THEME: NEUROSURGERY, CONVENTIONAL TO MINIMAL INVASIVE**

**11<sup>TH</sup> NOVEMBER 2023**

**Day-2**

**Session-1**

**Hall-D (DME Hall)**

**SMART OBJECTIVES FOR CLINICAL RESEARCH AND  
STRUCTURING A RESEARCH QUESTION  
LEARN & PRACTICE SESSION**

**Prof. Faridah Admin**

Director, Indus College of Family Medicine  
and Public Health

Interim Chair, Indus Hospital Research Centre, Karachi

**Prof. Shahzad Shamim**

Consultant Neurosurgeon  
Aga Khan University Hospital, Karachi

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THEME: NEUROSURGERY, CONVENTIONAL TO MINIMAL INVASIVE

**SESSION 2 & 3.**

**FREE PAPER**

**HALL-A (LATIF HALL)**



**THEME: NEUROSURGERY, CONVENTIONAL TO MINIMAL INVASIVE**

**11<sup>th</sup> November 2023**

**Day-2**

**Session-2**

**Hall-A (Latif Hall)**

**SPINE**

Chairman

Prof. Dr. Salman Sharif

Co-Chairman

Prof. Dr. Gordan Grahovac

Moderator

Prof. Dr. Ehsan Bari

<b>Time</b>	<b>Topic</b>	<b>Speaker</b>
<b>9.30-9.40</b>	Timing of surgery in Thoracolumbar trauma	Prof. Dr. Rizwan Akram
<b>9.40-9.50</b>	Outcomes of Minimal Invasive Spine Surgery Trans Pedicular Fixation	Dr. Talha Rasheed, Shahzad Hussain Shah, Muhammad Ishfaqe.
<b>9.50-10.00</b>	Comparison of Outcomes and Post-Operative Complications in Minimally Invasive Discectomy and Open Discectomy for the Management of Lumbar Disc Herniation	Dr. Tahreem, PGR, Mayo hospital Lahore.
<b>10.00-10.10</b>	Joyous walking in Potts' disease "Hit the nail on the Head" via anterior cage fixation.	Dr. Zaid sami ullah, postgraduate resident neurosurgery AIMC/ JINNAH HOSPITAL LAHORE.
<b>10.10-10.20</b>	Complications of Lateral Mass Screw Fixation with Cervical Decompression in Sub-Axial Cervical Spine in Cervical Spondylotic Myelopathy.	Dr. Burhan Ul Haq, Registrar Neurosurgery, Department of Neurosurgery, Combined Military Hospital, Lahore.
<b>10.20-10.30</b>	IMPACT OF OBESITY ON LUMBAR DISC HERNIATION.	Dr. Murtaza Ahmed (PGR Neurosurgery from SIR Ganga Ram Hospital Lahore.
<b>10.30-10.40</b>	Cervical trauma in tertiary care Hospital.	Dr. Babar Ali Qureshi, Prof. Dr. Riaz Ahmed Raja. LUMHS Jamshoro.





**THEME: NEUROSURGERY, CONVENTIONAL TO MINIMAL INVASIVE**

**11<sup>th</sup> November 2023**

**Day-2**

**Session-3**

**Hall-A (Latif Hall)**

**WINS Session**

Chairman

Prof. Dr. Samina Khaliq

Co-Chairman

Prof. Dr. Aamir Daud

Moderator

Dr. Shahzad Ahmed Qasmi

Time	Topic	Speaker
10.30-10.40	Gender equality for women in Neuro WINS section.	Dr. Sarah Olson (Australia).
10.40-10.50	Burnout and Ways to Reduce It among Postgraduate Residents of Neurosurgery.	Dr. Muhammad Usman Associate Professor, Department of Neurosurgery, PAF Hospital, Fazaia Medical College, Islamabad – Pakistan.
10.50-11.00	Analysis of variation in radiological parameters in congenital hydrocephalus after ventriculoperitoneal shunt placement and its association with the functional outcome.	Dr. Tehniat Khaliq, Dr. Iram Bokhari, Dr. Rabail Akhbar, Dr. Tanweer Ahmed.
11.00-11.10	Incidence of Postoperative Diabetes Insipidus after Pituitary Surgery and factors leading to this complication.	Dr. Abdul Aziz, Dr. Ehtisham, Dr. Baynazir, Dr. Gul M, Dr. idrees, Dr. waseem, Dr. Meena, Dr. Nisar, Dr. raffia (Abbottabad).
11.10-11.20	Surgical Outcomes in Patients with Posterior Fossa Space Occupying Lesions: A Tertiary Care Center Experience	Dr. Urooba Mateen, final year resident from Dept. Of Neurosurgery, SMBB Trauma centre, Civil Hospital Karachi.
11.20-11.30	Epidemiological Insights and Surgical Considerations for Skull Base Meningiomas: A Retrospective Analysis Using the ABC Surgical Score.	Dr. Shabih Ayes Shah, Resident Neurosurgery, Department of Neurosurgery, Civil Hospital/Dow University of Health Sciences, Karachi, Pakistan.
11.30-11.40	Early experience with Radiofrequency Rhizotomy for the management of Trigeminal Neuralgia pain in low resources centers: Early steps in Functional Neurosurgery	Dr. Iqbal Ahmed Kharal, Consultant Neurosurgeon, South Punjab Hospital Multan



CONFERENCE MANAGED BY



THEME: NEUROSURGERY, CONVENTIONAL TO MINIMAL INVASIVE

**SESSION 2 & 3.**

**FREE PAPER**

**HALL-B (ACADEMIC COUNSEL HALL)**



**THEME: NEUROSURGERY, CONVENTIONAL TO MINIMAL INVASIVE**

**11<sup>th</sup> November 2023**

**Day-2**

**Session-2**

**Hall-B (Academic Counsel Hall)**

**Pain Disorders / Compressive Neuropathy**

Chairman

Prof. Dr. Brig.Tashfeen.

Co-Chairman

Dr. Ajmal Khan

Moderator

Dr. Amir Sagheer

Time	Topic	Speaker
9.30-9.40	The poor man's Teflon: Micro Vascular Decompression for Trigeminal Neuralgia using autologous muscle. An analysis of 1025 consecutive cases.	Dr. Mohammad Ashraf.
9.40-9.50	Early Institutional Experience of Microvascular Decompression for Trigeminal Neuralgia Using a 3-Dimensional Exoscope: A Case Series	Dr. Muhammad Ovais Zafar.
9.50-10.00	Radiofrequency rhizotomy for trigeminal neuralgia with modified approach to foramen ovale.	Dr. Murtaza Ahmed (PGR Neurosurgery from SIR Ganga Ram Hospital Lahore.
10.00-10.10	Supra palmar approach of carpal tunnel syndrome	Dr. Irfan Ali, Prof. Dr. Mumtaz Ali, Ali institute of Neurosciences, Irfan general hospital Peshawar
10.10-10.20	Preservation of Facial nerve function during Cerebellopontine angle surgery: A learners Experience of 10 cases	Dr. Ismaeel Khalid Iqbal Designation: Post Graduate Resident, PINS Lahore.
10.20-10.30	Foot drop; a management dilemma for Neurosurgeons.	Dr.Syed Hanifullah Ali institute of Neurosciences, Irfan general hospital Peshawar
10.30-10.40	Primary Intramedullary Pilocyctic Astrocytoma of Spinal Cord (PIPASC): A Systematic Review of Case Reports and Case Series of Two Decades.	Dr. Haseeb Mehmood, Punjab Institute of Neurosciences, Lahore.







**THEME: NEUROSURGERY, CONVENTIONAL TO MINIMAL INVASIVE**

**11<sup>th</sup> November 2023**

**Day-2**

**Session-3**

**Hall-B( Academic Counsel Hall )**

## Functional Neurosurgery

Chairman

Prof. Dr. Sattar Hashim

Co-Chairman

Dr. Muhammad Abid Saleem

Moderator

Dr. Amjad Qureshi

Time	Topic	Speaker
10.30-10.40	Gamma Knife Radiosurgery for complex vascular Lesions.	Prof. Dr. Bruce Hall (Australia).
10.40-10.50	CLINICAL EFFICACY MULTIFRACTIONAL TREATMENT IN BRAIN STEM GLIOMA IN CHILDREN	Dr. Auranzeb Kalhoro Pakistan institute of Gamma knife radiosurgery
10.50-11.00	Single and Multi Session Gamma knife Radiosurgery for Intracranial Lesions: Analysis of initial 1000 cases treated at DUHS, Ojha Campus Karachi.	Dr. Muhammad Abid Saleem Consultant Neurosurgeon and HOD. Gamma knife Radiosurgery Center. DUHS,Ojha Campus, Karachi.
11.00-11.10	Underutilization of epilepsy surgery in Pakistan: Ten-year experience from the only Comprehensive Epilepsy Center in the country	Dr. Saqib Kamran Bakhshi, AKU Karachi.
11.10-11.20	Neuro-Axis Radiation Therapy-An Essential Tool For Neurosurgical Indication.	Dr. Azhar Rashid, Dr Muhammad Ali Memon, Dr Asad Zameer, Dr. A Sattar M Hashim
11.20-11.30	National survey of knowledge and practice of neurologists about epilepsy surgery.	Dr. Saqib Kamran Bakhshi, AKU Karachi.
11.30-11.40	Outcomes of Orbital tumors treated with Single and Multisession Gamma knife Radiosurgery	Dr. Kashif Ahmed, Dr. Aurangzeb kalhoro, Prof. Dr. Abdul Sattar M. Hashim





THEME: NEUROSURGERY, CONVENTIONAL TO MINIMAL INVASIVE

**SESSION 2 & 3.**

**FREE PAPER**

**HALL-C (PATHOLOGY LECTURE HALL )**



**THEME: NEUROSURGERY, CONVENTIONAL TO MINIMAL INVASIVE**

**11<sup>th</sup> November 2023**

**Day-2**

**Session-2**

**Hall-C (Pathology Lecture Hall)**

**Miscellaneous**

Chairman

Prof. Dr. Irfan malik

Co-Chairman

Prof. Dr. Muhammad Imran

Moderator

Dr. Jamsheed

<b>Time</b>	<b>Topic</b>	<b>Speaker</b>
<b>9.30-9.40</b>	Pituitary Surgery.	Dr. Sarah Olson (Australia).
<b>9.40-9.50</b>	OUTCOME OF ENDOSCOPIC PITUITARY SURGERY	Dr. Musadique Latif, Dr. Lal Rehman.
<b>9.50-10.00</b>	Frequency of Post-operative CSF Diversion in Patients with Third Ventricular Colloid Cyst: A Single Center Retrospective Analysis.	Dr. Ahmer Nasir Baig, Aga Khan University Hospital Karachi.
<b>10.00-10.10</b>	FREQUENCY OF SEIZURES AFTER HEAD INJURY TRAUMA.	Dr. Azhar Hussain. PGR Department of Neurosurgery people's university of medical health science Nawabshah.
<b>10.10-10.20</b>	OUTCOME OF SURGICAL CLIPPING IN INTRACRANIAL ANEURYSMS	Dr. Musadique Latif, Dr. Lal Rehman.
<b>10.20-10.30</b>	Awake craniotomy for intra-axial brain tumors does not affect size of residual disease: a systematic review and meta-analysis.	Dr. Mohammad Hamza Bajwa, AKU Karachi.
<b>10.30-10.40</b>	Challenges in the management of Pediatric Brain Tumors in LMICs – What's the way forward?	Dr. Babar Qureshi, Prof. Riaz Ahmed Raja.





**THEME: NEUROSURGERY, CONVENTIONAL TO MINIMAL INVASIVE**

**11<sup>th</sup> November 2023**

**Day-2**

**Session-3**

**Hall-C (Pathology Lecture Hall)**

**SPINE**

Chairman

Prof. Dr. Amjad Shad

Co-Chairman

Prof. Dr. Tariq Ahmed

Moderator

Dr. Badar Ujjan

<b>Time</b>	<b>Topic</b>	<b>Speaker</b>
<b>10.30-10.40</b>	Intramedullary spinal disorder in unusual Neurosurgical disorder.	Dr. Tariq Jamal, Prof. Dr. Mumtaz Ali, Ali institute of Neurosciences, Irfan general hospital Peshawar.
<b>10.40-10.50</b>	HISTOPATHOLOGICAL DIAGNOSIS AND SURGICAL OUTCOME OF TUMORS OF THE SPINAL CORD	Dr. Muhammad Muizz Uddin, DUH Karachi.
<b>10.50-11.00</b>	A Multi-disciplinary Approach towards Management of Huge Cranio- Cervical Region Tumors	Dr. Noor Ul-Ain, PINS Lahore.
<b>11.00-11.10</b>	THE SURGICAL OUTCOME OF INTRAMEDULLARY SPINAL CORD TUMORS	Dr. Haris Hamid, Neurosurgery Resident JPMC, 18lioma18.
<b>11.10-11.20</b>	OBESITY! AN INDEPENDENT PREDICTOR OF POOR OSWESTRY DISABILITY INDEX (ODI) AND DUBIOUS OPERATIVE BENEFITS IN SURGICAL LOW BACK PAIN? A PROSPECTIVE SINGLE CENTRE COHORT ANALYSIS.	Dr. Osama Muhammad, PGR, SMBB Institute of trauma, Dow University of Health Sciences, Karachi.
<b>11.20-11.30</b>	Patient-Reported Outcomes and Complications of Simultaneous Versus Staged Surgical Decompression for Tandem Spinal Stenosis.	Dr. Mustafa Mushtaq Hussain, Dr. Mujtaba Khalil, Dr. Fatima Suleman, Dr. Iqra Fatima, Dr. Mehar Masroor, Prof. Dr. Muhammad Shahzad Shamim.
<b>11.30-11.40</b>	Primary Intramedullary Lymphoma of Spinal Cord (PILSC): A Systematic Review of Case Reports and Case Series from 2000 to 2023.	Dr. Haseeb Mehmood Qadri, PINS Lahore



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THEME: NEUROSURGERY, CONVENTIONAL TO MINIMAL INVASIVE

# SESSION 2 & 3.

# FREE PAPER

Hall-D(DME Hall)



**THEME: NEUROSURGERY, CONVENTIONAL TO MINIMAL INVASIVE**

**11<sup>th</sup> November 2023**

**Day-2**

**Session-1**

**Hall-D(DME Hall)**

**Miscellaneous Session**

Chairman

Prof. Dr. BrigAbdul Ghaffar

Co-Chairman

Prof. Dr. Inayat Khan

Moderator

Prof. Dr. Abdul Razzak Marri

Time	Topic	Speaker
9.30-9.40	Cervical Disc Arthroplasty (CDA) (Biomechanics of CDA, Clinical Indications and what the future looks like for CDA).	Prof. Dr. Bruce Hall (Australia)
9.40-9.50	Ultrasound-activated nano-TiO <sub>2</sub> loaded with temozolomide paves the way for resection of chemoresistant glioblastoma multiforme.	Dr. Sajjad Ullah, Assistant Professor, Department of Neurosurgery Khyber Teaching Hospital/Khyber Medical college, Peshawar.
9.50-10.00	Use of Dynamic Retraction in ACDF to Reduce Post Operative Neck Pain	Dr. Muhammad Usman Associate Professor, Department of Neurosurgery, PAF Hospital, Fazaia Medical College, Islamabad – Pakistan.
10.00-10.10	To estimate the cumulative risk of radiation exposure in neurosurgeons using C-arm fluoroscopy during common neurosurgical procedures and its safe radiation use in the operating room.	Dr. Tehniat Khaliq, Dr. Iram Bokhari, Dr. Farrukh Javeed, Dr. Raheel Gohar, Dr. Anas Ahmed.
10.10-10.20	Hemostatic Effect of Permissive Hypotension Along With Adrenaline Mixed Saline Irrigation in Neurosurgical Procedures: A Series of 1000 Cases.	Dr. Gohar Ali, Resident Neurosurgery, Punjab Institute of Neurosciences, Lahore.
10.20-10.30	Barriers to epilepsy surgery: a questionnaire-based assessment of parents/guardians of children diagnosed with epilepsy in a low- and middle income country.	Dr. Mohammad Hamza Bajwa, AKU Karachi.
10.30-10.40	Frailty indices predicting outcomes of adult spinal surgery.	Dr. Jibran Tariq, Dr. Daniyal Siddiqui, Dr. Mehak, Prof. Salman Sharif.





**THEME: NEUROSURGERY, CONVENTIONAL TO MINIMAL INVASIVE**

**11<sup>th</sup> November 2023**

Day-2	Session-2	Hall-D(DME Hall)
<b>Miscellaneous</b>		
Chairman	Prof. Dr. Fawad Pirzad	
Co-Chairman	Dr. Erum Bukhari	
Moderator	Dr. Nasir Mehmood	
Time	Topic	Speaker
10.30-10.40	Children with diastematomyelia have good postoperative quality of life; results from an Asian country.	Dr. Mehar Masroor, Aga Khan University Hospital, Karachi.
10.40-10.50	Epilepsy and low-grade 20lioma: seizure control after surgical resection – a retrospectivecohort study.	Dr. Saqib Kamran Bakhshi, AKU Karachi.
10.50-11.00	Evaluating the Feasibility and Reliability of Different Techniques for Cerebral Microdialysis Catheter Placement at Punjab Institute of Neurosciences Lahore	Dr. Hafiz Natiq Bilal
11.00-11.10	Impact of depression and anxiety on survival, quality of life and overall morbidity in adult brain tumour patients: A systematic review	Dr. Fahad Zahid, AKU Karachi
11.10-11.20	Artificial Intelligence in Glioma Management: A Systematic Review of Reviews.	Dr. Mohammad Hamza Bajwa, AKU Karachi.
11.20-11.30	Primary Intracranial Alveolar Soft Part Sarcoma (PIASPS): A Systematic Review of Case Reports and Case Series from 2000 –2023.	Dr. Haseeb Mehmood, Punjab Institute of Neurosciences Lahore.
11.30-11.40	OUTCOME FOLLOWING DECOMPRESSIVE CRANIECTOMY IN MODERATE AND SEVERE HEAD INJURY PATIENTS: A 5-YEAR SINGLECENTRE EXPERIENCE WITH FOLLOW	Prof. Dr. Ashraf Mehmood, RMU, Rawalpindi.

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THEME: NEUROSURGERY, CONVENTIONAL TO MINIMAL INVASIVE

# SESSION 4.

# STATE OF ART LECTURES

HALL-A (LATIF HALL)





**THEME: NEUROSURGERY, CONVENTIONAL TO MINIMAL INVASIVE**

**11<sup>th</sup> November 2023**

**Day-2**

**Session-4**

**Hall-A (Latif Hall)**

**State of Art lectures**

Chairperson

Prof. Dr. Khalid Mehmood

Secretary

Prof. Dr. Raz Muhammad Kakar

<b>Time</b>	<b>Topic</b>	<b>Speaker</b>
<b>11.45-12.00</b>	Challenges in Anterior Cervical Spine Surgery	Prof. Dr. Amjad Shad
<b>12.00-12.30</b>	Zoom lecture Spinal Cord stimulation – Evolution. (Spine)	Prof. Dr. Georgios Matis (Germany)
<b>12.30-12.45</b>	How to prevent Operating films, not the patient.	Prof. Dr. Mehmat Zileli
<b>12.45-01.00</b>	Neurosurgery Training in Afghanistan	Prof.Fawad Pirzad

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THEME: NEUROSURGERY, CONVENTIONAL TO MINIMAL INVASIVE

# SESSION 5.

# POSTER PRESENTATION


**THEME: NEUROSURGERY, CONVENTIONAL TO MINIMAL INVASIVE**
**11<sup>th</sup> November 2023**
**Day-2**
**Session-5**
**MUSEUM HALL**
**Poster Presentations**

Chairman

Prof. Dr. Salman Sharif.

Co-Chairman

Prof. Dr. Muhammad Anwar Choudary

Time	Topic	Speaker
10.40-10.45	Endovascular Thrombectomy Versus Medical Management in Patients with Acute Ischemic Stroke With Large Infarct: A Systematic Review and MetaAnalysis of Randomized Controlled Trials.	Dr. Danisha Kumar, Dow University of Health Sciences, Karachi
10.45-10.50	Primary Intracranial Congenital Glioblastoma (PICG): A Systematic Review of Case Reports from 2000 to 2023.	Dr. Ahtesham Khizar, Submission for: Senior Registrar, Institute: Punjab Institute of tNeurosciences, Lahore
10.50-11.00	Primary Intracranial Alveolar Soft Part Sarcoma in a 22-Year-Old Female: A Rare Case Report With Literature Review Submission for:	WWDr. Haseeb Mehmood, Punjab Institute of Neurosciences Lahore.
11.00-11.05	A case report of cerebellar ganglioglioma and review of literature: A case report.	Danyal Nazir, Ayesha Sohail, Saqib Kamran Bakhshi, Ahmad Gilani,
11.05-11.10	Unusual presentation of Frontal bone Osteoma; A case report and literature review	Danyal Nazir 1 Ayesha Sohail, Faizan Saeed 2, Saman Amin 3, Anam Tariq 4, Altaf Ali Laghari
11.10-11.15	Repeated Malfunction of Shunt contains plethora of surgical procedures.	Dr.Zeeshan Nasir, Prof.Riaz Ahmed Raja.
11.15-11.20	Outcome difference between Traumatic Versus Spontaneous CSDH	Dr. Haseeb, Dr.Zeeshan Nasir, Prof. Riaz Ahmed Raja LUMHS Jamshoro.
11.20-11.25	Functional Outcome of Microscopic Microvascular Decompression among the patients of Trigeminal Neuralgia.	Dr.Zeeshan Nasir, Prof.Riaz Ahmed Raja. LUMHS Jamshoro
11.25-11.30	NEUROLOGIC OUTCOME OF CONVENTIONAL DISCECTOMY IN UPPER LUMBER DISC HERNIATION.	Dr.Madiha Memon, Prof. Riaz Ahmed Raja. LUMHS Jamshor
11.30-11.35	Anterior Skull Base lesion with Sino-Nasal Extension,- a Case report with literature review	Dr.Kanwal Ali, Prof. Riaz Ahmed Raja. LUMHS Jamshoro.
11.35-11.40	Extra-Neural Metastases of an Anaplastic Meningioma- Case Report and literature review	Dr.t Aitzaz Ahmed, Prof. Dr Riaz Ahmed Raja, LUMHS, Jamshoro





THEME: NEUROSURGERY, CONVENTIONAL TO MINIMAL INVASIVE

# SESSION 6.

# CONCLUDING CEREMONY

# LUNCH