

2024

37th National Conference of the Pakistan Society of Neurosurgeons



Stronger Together – Local
Networks for a Global Impact

November 7 – 10, 2024



**37th Annual Conference
Pakistan Society of Neurosurgeons
Stronger Together – Local Networks for a Global Impact
7th – 10th November 2024**

Organizing Team

Muhammad Shahzad Shamim (Conference Chair)

Scientific Committee

**Saqib Kamran Bakhshi (Chair)
Saad Akhtar Khan (Co-Chair)
Hafiza Fatima Aziz (Coordinator)
Noman Ahmed
Naveed Zaman Akhundzada
Saad Bin Anis**

Workshop Committee

**Ahsan Ali Khan (Chair)
Ahmer Nasir Baig (Co-Chair)
Bushra Ahmad
Tahir Shahab
Zanib Javed**

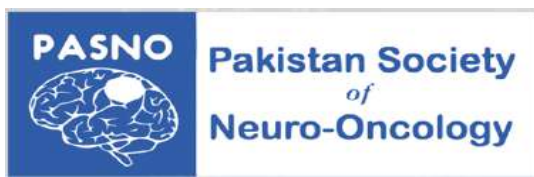
History of PSN Exhibition Committee

**Altaf Ali Laghari (Chair)
Shah Khalid
Yousuf ul Islam
Fatima Suleiman**

Logistics Team

**Murad Bana
Shagufta Maqsood
Farhan Imran
Zia Mujahid
Maliha Fazal
Rahim Aziz**

Academic Partners



Industry Partners



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**Day 1 –
Thursday, 7th November 2024**

Agenda

1.	Pre-conference Workshops
2.	Lunch Break for Full Day Workshops (13:00 – 14:00)
3.	Dinner and Sports at Legends Arena

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Day 1 – Thursday, 7th November 2024				
Pre-conference Workshops				
S. No.	Code	Title	Venue	Time
Morning				
1.	A	Brain Tumor Surgery – Skull Base Tumors	ASLS – Anatomy and Surgery Learning Studio	08:00 – 13:00
2.	B	Research Methodologies	ASLS Anatomy Museum	08:00 – 13:00
3.	H	Neurotrauma and Intra-cranial Pressure (ICP) Monitoring	CIME – Centre for Innovation in Medical Education	08:00 – 13:00
Afternoon				
3.	C	Brain Tumor Surgery – Intra-axial Tumors	ASLS – Anatomy and Surgery Learning Studio	13:00 – 17:00
4.	D	Neurosurgery Session for Medical Students	LH3 – Lecture Hall 3	13:00 – 17:00
Full Day				
6.	E	Nursing for Neurosurgical Patients	CIME – Centre for Innovation in Medical Education	08:00 – 17:00
Lunch Break for Full Day Workshop (13:00 – 14:00)				
Dinner and Sports at Legends Arena for participants for both days of workshop (buses will leave AKUH at 18:00)				

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**Day 2
Friday, 8th November 2024**

Agenda

1.	Complimentary Golf Session at Karachi Golf Club – only for consultants 07:00-09:00
2.	Pre-conference Workshops
3.	Lunch Break for Full Day Workshops (13:00 – 14:00)
4.	Inaugural Ceremony and Session
5.	Inaugural Dinner

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Day 2 – Friday, 8th November 2024				
Pre-conference Workshops				
S. No.	Code	Title	Venue	Time
Morning Session				
1.	J	Physiotherapy and Rehabilitation for Neurosurgical Patients	LH3	08:00 – 13:00
Afternoon				
2.	L	Enhanced Recovery in Neurosurgery	EDH – Executive Dining Hall	13:00 – 17:00
3.	M	Ethics of Scientific Writing	ASLS Museum	13:00 – 17:00
Full Day				
4.	F	Spine Surgery Simulation	CIME	08:00 – 13:00
			ASLS	14:00 – 17:00
5.	G	Pediatric Craniofacial Reconstruction	CIME	08:00 – 17:00
6.	I	Micro and Endovascular Neurosurgery	ASLS	08:00 – 13:00
			CIME	14:00 – 17:00
7.	K	Operating Room Technician’s Course	CIME	08:00 – 17:00
Lunch and Jumma Prayer Break for Full Day Workshops (13:00 – 14:00)				
Head over to AKUH Main Auditorium for Inaugural Ceremony and Session				

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Inaugural Session

Time	Venue: AKUH Main Auditorium	
Welcome Addresses		
18:00 – 18:10	Tilawat Recitation and National Anthem	NSIG
18:10 – 18:20	Welcome Address by Conference Chair	Shahzad Shamim
18:20 – 18:30	Welcome Address by Dean AKUH	Adil Haider
18:30 – 18:40	Welcome Address by PSN President	Shahid Ayub
IA Raja Memorial Lecture		
18:40 – 18:45	Introduction	Ahmed Ali Shah
18:45 – 19:15	Keynote Lecture	Farhat Moazzam
OV Jooma Memorial Lecture		
19:15 – 19:20	Introduction	Rashid Jooma
19:20 – 19:50	Keynote Lecture	Javed Jabbar
19:50 – 19:55	Scientific Program Overview	Saqib Kamran Bakhshi
19:55 – 20:15	Entertainment	Dastangoi
Inaugural Dinner Sports Centre Poolside - AKUH		
Buses will depart from AKUH at 22:30 pm sharp for Avari Tower and Hotel		

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**Day 3 –
Saturday, 9th November 2024**

Agenda

1.	Networking Breakfast (08:00 – 09:00)
2.	Case Based Discussions
3.	Ibn – e – Sina Plenary Session
4.	Tea Break (11:15 – 11:30)
5.	Abu Bakr – al – Razi Plenary Session and Keynote Lecture
6.	Lunch (13:00 – 14:00)
7.	History of PSN Exhibition
8.	PSN Executive Committee and General Body Meetings
9.	Abstract Sessions
10.	Gala Dinner & Sufi Night

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Day 3 – Saturday, 9th November 2024

Networking Breakfast at AKU Main Auditorium (08:00 – 09:00)

Buses will leave from Avari Hotels for AKUH at 07:45 sharp

Time	Case Based Discussions		
09:00 – 10:00	Venue	Theme	Moderator
	Cheves McCord Smythe Hall	Adult Oncology	Abid Saleem Aneela Darbar Ather Enam Farhan Mirza Kamran Hussain Zubair Mustafa
	J Robert Buchanan Hall	Spine	Amer Aziz Fahid Rasul Iqbal Kharal Muhammad Riaz Salman Sharif Samra Majeed Aurangzeb Kalhoro
	Lecture Hall 3	Pediatrics	Hassan Zahid Irum Bokhari Riaz Ahmed Raja Saad Bin Anis Zubair Tahir Sundus Ali

Head over to Main AKUH Auditorium for Plenary Sessions

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Ibn – e – Sina Plenary Session Talks		
Chair: Raza Rizvi Co-chair: Lal Rehman Moderator: Rabia Saleem		
Time	Topic	Presenter
10:00 – 10:11	Endoscopic Endonasal Transsphenoidal Approach for Anterior Skull Base Lesions + Book Launch	Tariq Salahuddin
10:11 – 10:22	How Can a Young Neurosurgeon Represent Pakistan at International Forum	Tariq Khan
10:22 – 10:33	Anterior Stand-alone Cages in TB spine – a Review of 2000 Cases	Amer Aziz
10:33 – 10:45	Neurosurgical Interventions in Acute Stroke	Ayesha Kamal
Panel Discussion		
Future of Scientific Societies in Pakistan		
Time	Panelists	Moderator
10:45 – 11:15	Asif Bashir Riaz Ahmed Raja Mumtaz Ali Naqebullah Achakzai S. Ather Enam	Zaeem Sultan
11:15 – 11:30	Tea Break at Male Hostel Lawn	
Abu Bakr – al – Razi Plenary Session Talks		
Chair: Junaid Ashraf Co-chair: Brig. Abdul Ghaffar Moderator: Shahzad Hussain		
11:30 – 11:45	Neuro-rehab and Neurosurgery	Sabahat Asim Wasti
11:45 – 12:00	Physicians’ Rights in a Volatile Environment	Farah Khan
12:00 - 12:15	Social Media and Neurosurgery	Salman Shariff
Bashir Ahmed Memorial Lecture		
12:15 – 12:20	Introduction	Asif Bashir
12:20 – 12:50	Keynote Lecture	Amjad Saqib
12:50 – 13:00	Myelomeningocele Care Initiative	Shahzad Shamim
Head over to Male Hostel Lawn for Lunch Teaching and Learning Commons for History of PSN Exhibition FOB Conference for PSN Executive Committee Meeting		

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Time	Session/Break		Venue
13:00 – 14:00	Lunch		Male Hostel Lawn
	History of PSN Exhibition		Teaching and Learning Commons
	PSN Executive Committee Meeting (by invitation only)		Faculty Office Building (FOB) Conference Room
AKU – PSN Resident Quiz and Abstract Session 1			
Time	Venue	Session	Theme
14:00 – 15:00	Lecture Hall 3	AKU – PSN Residents' Quiz	Qualifying Round
	AKUH Main Auditorium	PSN General Body Meeting	PSN Members Only
	BBS Area	Poster Presentation	Neurosurgery
15:00 – 16:00	J Robert Buchanan Hall	Quick Shot Oral Presentation	General Neurosurgery I
	Cheves McCord Smythe Hall	Quick Shot Oral Presentation	Spine
	The Cube	Quick Shot Oral Presentation	Pediatrics

Abstract Session 1

9th November, 15:00 – 16:00

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J Robert Buchanan Hall: Saturday, 9th November, 15:00 – 16:00				
Abstract Session 1: Quick Shot Oral Presentation General Neurosurgery I				
Chairman			Ali Akbar Bhand	
Co-chairman			Bilal Khan Afridi	
Moderator			Aman Ullah Khan	
Serial No.	Abstract No.	Topic	Institute	Speaker
1.	51	Stereotactic Surgery for Neurological Disorders in KPK	Ali Institute of Neurosciences (Irfan General Hospital), Peshawar	Mumtaz Ali
2.	208	Radiofrequency Rhizotomy for Trigeminal Neuralgia with Direct Approach to Foramen Ovale	Sir Ganga Ram Hospital, Lahore	Jawariya Zia
3.	236	Improved Pain Relief After Nerve Root Blockage in Severe Post-Herpetic Neuralgia: Our Experience with 53 Patients	Lady Reading Hospital, Peshawar	Syed Mansoor Shah
4.	30	Converting ‘Non-Lesional’ Imaging-Occult Epilepsy into a Focal Lesional Entity using Advanced Imaging Techniques	University of Kentucky, Lexington	Muhammad Usman Khalid
5.	32	Novel Use of Responsive Neurostimulation (RNS) for Treatment of Sturge-Weber Associated Refractory Epilepsy	University of Kentucky, Lexington	Muhammad Usman Khalid
6.	62	Neurosurgery and Artificial Intelligence: Future Perspective	PAF Hospital, Fazaia Medical College, Islamabad	Muhammad Usman
7.	118	A rare case of Spinal Clear Cell Meningioma without Dural Attachment: A Case report	Shaukat Khanum Memorial Cancer Hospital and Research Centre	Fauzan Alam Hashmi
8.	191	Gastrointestinal Dysbiosis in Neuro-Critically Ill Patients: A Systematic Review of Case-Control Studies	Punjab Institute of Neurosciences, Lahore	Manal Khan
9.	52	Endoscopic Face and Its Importance in Skull Base Endoscopic Surgeries	Ali Institute of Neurosciences (Irfan General Hospital), Peshawar	Mumtaz Ali
10.	27	The Utility of WADA in Epilepsy Surgery: A History and Discussion of the Current State	University of Kentucky, Lexington	Muhammad Usman Khalid

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Cheves McCord Smythe Hall: Saturday, 9th November, 15:00 – 16:00				
Abstract Session 1: Quick Shot Oral Presentation Spine				
Chairman			Liaquat Jalal	
Co-chairman			Mohsin Qadeer	
Moderator			Farhan Gulzar	
Serial No.	Abstract No.	Topic	Institute	Speaker
1.	38	Outcomes of Short Segment Fixation and Indirect Decompression in Thoracolumbar Spine Fractures	MTI-Lady Reading Hospital, Peshawar	Syed Jawad Ahmed
2.	46	Lumber Intradural Disc Herniations: Literature Review and Our Experience	Ghurki Trust Teaching Hospital, Lahore	Amer Aziz
3.	50	Surgical Management of Foramen Magnum Disorders: Clinical Considerations	Ali Institute of Neurosciences (Irfan General Hospital), Peshawar	Mumtaz Ali
4.	89	Effect of Obesity on Anterior Cervical Discectomy and Fusion Outcomes for Cervical Radiculopathy	Carolina Neurosurgery and Spine Associates, Charlotte	Ummey Hani
5.	93	Anterior Cervical Discectomy and Fusion Versus Microendoscopic Posterior Cervical Foraminotomy for Unilateral Cervical Radiculopathy: A 1-Year Cost-Utility Analysis	Carolina Neurosurgery and Spine Associates, Charlotte	Ummey Hani
6.	109	Efficacy of Over-The-Top Laminectomy in Patients with Multiple Levels of Lumbar Spinal Stenosis	Lady Reading Hospital, Peshawar	Bashir Ullah
7.	128	Open Laminectomy Versus Image Guided 1 To 2 Cm Incision Laminectomy	Prime Teaching Hospital, Peshawar	Syed Hanifullah
8.	146	The Burden of Cervical Spinal Injury Admitted in Public Sector Hospital	Liaquat University of Medical and Health Sciences, Jamshoro/Hyderabad	Babar Ali Qureshi
9.	158	Management of Thoracolumbar Junctional Fractures with Short Segment Percutaneous Transpedicular Screw Fixation and Incorporated Screws at the Level of Fracture: Data of 256 Patients in a 4-Year Experience of a Single Center	Punjab Institute of Neurosciences, Lahore	Muhammad Jehanzeb
10.	172	Comparison of Open Versus Percutaneous Pedicle Screw Fixation in Thoracolumbar Junctional Fractures.	Punjab Institute of Neurosciences, Lahore	Shahzeb Ahmad

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The Cube: Saturday, 9 th November, 15:00 – 16:00				
Abstract Session 1: Quick Shot Oral Presentation Pediatrics				
Chairman			Azam Niaz	
Co-chairman			Rabia Qaiser	
Moderator			Muhammad Sameer	
Serial No.	Abstract No.	Topic	Institute	Speaker
1.	1	Management of Multiloculated Hydrocephalus - Is There a Paradigm Shift Towards Endoscopic Interventions Among Neurosurgeons? A Systematic Review	Liaquat National Hospital and Medical College, Karachi	Minza Haque
2.	7	Experience of Ruptured Thoracolumbar Myelomeningocele Repair Under Local Anesthesia in Neonates	Combined Military Hospital (CMH), Rawalpindi	Burhan Ul Haq
3.	35	Surgical Outcome of Strip Craniectomy in Metopic Craniosynostosis Without Orthotic Helmet Therapy	The Children's Hospital, Lahore	Jamal Nasir
4.	54	Anatomical Variations in the Floor of Third Ventricle during Endoscopic Third Ventriculostomy in Congenital Hydrocephalus	Liaquat University of Medical and Health Sciences, Jamshoro	Madiha Memon
5.	112	Frequency Of In-Hospital Mortality Among Children Presenting with Traumatic Brain Injury According to Rotterdam score	Civil Hospital Trauma Center, Quetta	Nadia Banaras
6.	125	Management of Obstructive Hydrocephalus in Infants: Endoscopic Third Ventriculostomy vs VP Shunt	Lady Reading Hospital, Peshawar	Seema Sharafat
7.	144	Comparison of Outcomes of Early and Late Surgical Interventions in Lipomeningomyelocele (LMMC) and Lipomeningocele (LMC)	Punjab Institute of Neurosciences, Lahore	Shahzeb Ahmad
8.	97/103	Outcome Of Pediatric Head Injuries	Pakistan Institute of Medical Sciences, Islamabad	Afaq Ahmad
9.	161	Comparison Between Endoscopic Endonasal Surgery Versus Endoscopic Supraorbital Keyhole Surgery for Excision of Craniopharyngiomas	King Edward Medical University, Lahore	Ajit Phuyal
10.	267	Transition from Peri-insular to Vertical Hemispherotomy: A Single Surgeon's Experience	Great Ormond Street Hospital, London	Zubair Tahir

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Time	Abstract Session 2		
16:00 – 17:00	Cheves McCord Smythe Hall	Oral Presentation	Spine I
	J Robert Buchanan Hall	PJNS, JPMS, JCPSP, PAME, SNI Joint Session	Panel Discussion on Future of Publications
	Lecture Hall 3	Oral Presentation	Functional Neurosurgery
	The Cube	Quick Shot Oral Presentation	General Neurosurgery II
	BBS Area	Poster Presentation	Neurosurgery
Time	Abstract Session 3		
17:00 – 18:00	Cheves McCord Smythe Hall	Oral Presentation	Spine II
	J Robert Buchanan Hall	Oral Presentation	Neurotrama
	Lecture Hall 3	Oral Presentation	Adult Brain Tumor
	The Cube	Quick Shot Oral Presentation	General Neurosurgery III
	BBS Area	Poster Presentation	Neurosurgery
Dinner and Musical Ghazal Night at Andalusian Banquet – Seaside Buses will depart from AKUH at 6:30 pm sharp			

Abstract Session 2

9th November, 16:00 – 17:00

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Cheves McCord Smythe Hall: Saturday, 9th November, 16:00 – 17:00				
Abstract Session 2: Oral Presentation Spine I				
Chairman		Salman Sharif		
Co-chairman		Rizwan Akram		
Moderator		Badar Ujjan		
Serial No.	Abstract No.	Topic	Institute	Speaker
1.	2	Comparative Analysis of Conservative and Surgical Management in Thoracolumbar Injury Patients with A TLICS Score of 4: A Systematic Review and Meta-Analysis	Liaquat National Hospital and Medical College, Jamshoro/Hyderabad	Ahmed Noor
2.	24	Assessing Transforaminal Interbody Fusion (TLIF) Outcomes in Patients with Combined Single-Level Lumbar Listhesis and Spinal Stenosis	Lady Reading Hospital, Peshawar	Zia Ur Rehman
3.	47	Neurological Outcomes Following Surgical Excision of Intradural Extramedullary Spinal Cord Tumors	Ali Institute of Neurosciences (Irfan General Hospital), Peshawar	Muhammad Aneeq
4.	88	Effect of Obesity on Anterior Cervical Discectomy and Fusion Outcomes for Cervical Spondylitic Myelopathy - A One-Year Outcomes Analysis	Carolina Neurosurgery and Spine Associates, Charlotte	Ummeey Hani
5.	92	Comparison Of Anterior Cervical Discectomy And Fusion Outcomes In Patients Utilizing Spine Cages Versus Structural Allografts: A One-Year Patient Reported Outcomes Analysis	Carolina Neurosurgery and Spine Associates, Charlotte	Ummeey Hani
6.	100	Dynamic Versus Static Retraction: Evaluation of Post-Operative Dysphagia After Anterior Cervical Spine Surgery	PAF Hospital, Fazaia Medical College, Islamabad	Muhammad Usman
7.	105	Diagnostic Yield Of CT-Guided Percutaneous Spinal Biopsies in Suspected Infectious And Neoplastic Disease Of Spine In A Tertiary Care Centre	Shifa International Hospital, Islamabad	Muneeza Adam Khatri
8.	137	Evaluating the Safety and Efficacy of Stand-Alone PEEK Cages in Multilevel ACDF across Multi-Specialty Hospitals: A Case Series	King's College Hospital, Dubai	Aneela Darbar
9.	159	Comparative Analysis of Surgical Management of Spondylolisthesis: Interbody Cage Fusion Versus Non-Interbody Fusion in Terms of Dynamic Stabilization and Pain Relief	Punjab Institute of Neurosciences, Lahore	Muhammad Jehanzeb
10.	162	Beyond The Myth: Outcomes Of High Migrated Lumbar Discs Treated with Full Endoscopic Spine Surgery: A Two-Year Prospective Study	Peshawar General Hospital, Peshawar	Muhammad Farooq

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J Robert Buchanan Hall

Saturday, 9th November, 16:00 – 17:00

**PJNS, JPMA, JCPSP, PAME, SNI Joint Session on
Future of Publications**

Presentations (30 minutes)	Building professional capacity of healthcare professionals to promote research and quality in scientific publications	Shaukat Jawaid
	Contemporary Research and Future Publications: Are Authors & Editors on the Same Page?	Jamshed Akhtar
Panel Discussion (30 minutes)	Anwar Chaudhary Fatema Jawad Masood Jawaid S. Ather Enam	
Moderator	Naveed Zaman Akhundzada	

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Lecture Hall 3: Saturday, 9 th November, 16:00 – 17:00				
Abstract Session 2: Oral Presentation Functional Neurosurgery				
Chairman			Kamran Hussain	
Co-chairman			Farhan Mirza	
Moderator			Faiqa Filza	
Serial No.	Abstract No.	Topic	Institute	Speaker
1.	16	Trigeminal Nerve Compression (TGNC) Surgical Technique for the Treatment of Trigeminal Neuralgia; An Innovative Surgical Technique	Lady Reading Hospital, Peshawar	Muhammad Nawaz Khan
2.	106	Guidelines For Vagal Nerve Stimulation Paired Neurorehabilitation	Aga Khan University, Karachi	Bilal Ahmed Lodhi
3.	110	Clinical outcome of Radiofrequency Rhizotomy (RFR) for the Management of Trigeminal Neuralgia	Nishtar Medical University, Multan	Iqbal Ahmad
4.	250	Outcomes of Endoscopic Endonasal Repair of Cerebrospinal Fluid Fistulas	Pakistan Institute of Medical Sciences, Islamabad	Maha Waseem
5.	31	Vagus Nerve Stimulation (VNS) for Refractory Epilepsy: a 23-Year Single Center Experience	University of Kentucky	Muhammad Usman Khalid
6.	141	Effect of Bilateral Subthalamic Nucleus (STN) Deep Brain Stimulation (DBS) on Drug Reduction for Parkinson's Disease: A Retrospective Observational Study	Punjab Institute of Neurosciences, Lahore	Shahzeb Ahmad
7.	142	Directional Versus non-Directional Leads in Deep Brain Stimulation in Terms of Drug Reduction and UPDRS III and IV	Punjab Institute of Neurosciences, Lahore	Shahzeb Ahmad
8.	41	Successful Management of Trigeminal Neuralgia with Stereotactic Radiation Surgery: A Case Series	Shaukat Khanum Memorial Cancer Hospital and Research Centre, Lahore	Saad Bin Anis
9.	42	Successful Management of tremors with Stereotactic Radiation Surgery: A Case Series	Shaukat Khanum Memorial Cancer Hospital and Research Centre, Lahore	Saad Bin Anis
10.	239	Efficacy of Transforaminal Epidural Steroid Injections (TFESI) in Lumbar Disc Herniation-Induced Radiculopathy: A 6-Month Prospective Study	Punjab Institute of Neurosciences, Lahore	Muhammad Jehanzeb

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The Cube: Saturday, 9th November, 16:00 – 17:00				
Abstract Session 2: Quick Shot Oral Presentation General Neurosurgery II				
Chairman			Irum Bokhari	
Co-chairman			Rizwan Sharif	
Moderator			Yasir Khebar	
Serial No.	Abstract No.	Topic	Institute	Speaker
1.	29	Endoscopic Third Ventriculostomy for Shunt Liberation	University of Kentucky, Lexington	Muhammad Usman Khalid
2.	56	Surgical Management of Longstanding Overt Ventriculomegaly in Adults: Evaluating the Role of Endoscopic Third Ventriculostomy	Shifa International Hospital Limited, Islamabad	Mahrukh Afreen
3.	72	Outcome of radical surgery versus biopsy followed by medical therapy in Intracranial Fungal Granuloma in young Immunocompetent host	Punjab Institute of Neurosciences, Lahore	Aleena Shahbaz
4.	123	Outcome of Endoscopic Third Ventriculostomy in Malfunctioning Shunts with Obstructive Hydrocephalus	Liaquat University of Medical and Health Sciences, Jamshoro/Hyderabad	Komal Ramani
5.	124	Traumatic Craniocerebral Injury Caused by an Axe Strike (Hatchet injuries) : Its presentation, prognosis and complication: A tertiary care hospital study	Liaquat University of Medical and Health Sciences, Jamshoro/Hyderabad	Aurangzeb Kalhoro
6.	213	Beyond the Tube: Acquiring Hands-on Knowledge of Tracheostomy Care in Neurosurgery patients	Aga Khan University, Karachi	Yasmeen Amin
7.	187	Neurosurgical Research in Pakistan: A Bibliometric Analysis of Developments and Disparities in 25 Years	Punjab Institute of Neurosciences, Lahore	Haseeb Mehmood Qadri
8.	266	Preferences in Surgical Approach in Cervical Spine Pathology: A Nationwide Survey	DOW University Hospital, Karachi	Badar Ujjan
9.	223	Outcomes of Endoscopic Trans-sphenoidal approach in Pituitary Adenoma	Liaquat University of Medical and Health Sciences, Jamshoro/Hyderabad	Babar Ali Qureshi, Dr Sanauallah
10.	96	Outcome Of Endoscopic Pituitary Surgery	Pakistan Institute of Medical Sciences, Islamabad	Maha Waseem

Abstract Session 3

9th November, 17:00 – 18:00

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Cheves McCord Smythe Hall: Saturday, 9 th November, 17:00-18:00				
Abstract Session 3: Oral Presentation Spine II				
Chairman			Amer Aziz	
Co-chairman			Fahid Rasul	
Moderator			Muhammad Tariq	
Serial No.	Abstract No.	Topic	Institute	Speaker
1.	13	Evaluation of the Post-Surgical Radiographic Outcomes in Adolescent Idiopathic Scoliosis	Hayatabad Medical Complex. Medical Teaching Institute, Peshawar	Muhammad Ali Nouman
2.	18	Posterior Approach for Kyphotic Deformity Correction in Thoracolumbar Spine: Results of Initial Experience	MTI-Lady Reading Hospital, Peshawar	Bilal Khan
3.	80	Evaluating the Efficacy of Intraoperative Facet Joint Injections in Reducing Postoperative Pain and Improving Functional Outcome Following Lumbar Discectomy: A Randomized Double-Blind Placebo-Controlled Study	Jinnah Postgraduate Medical Centre, Karachi	Arfa Qasim
4.	94	Pattern of Spinal Injuries	Pakistan Institute of Medical Sciences, Islamabad	Afaq Ahmad
5.	120	Long Segment Fixation in Cancer Patients with Spondylodiscitis Causing Severe Cord Compression: Case Series from the Largest Tertiary Care Cancer Hospital in Pakistan	Shaukat Khanum Memorial Cancer Hospital and Research Centre, Lahore	Fauzan Alam Hashmi
6.	130	Analysis of Conservative Treatment of Pott Disease: A Focus on Clinical Outcomes	Dow University of Health Sciences, Karachi	Muhammad Muizz Uddin
7.	147	Safety and Efficacy of Anterior Versus Posterior Decompression with or without Internal Fixation in Thoracolumbar Tuberculosis Spine	Liaquat University of Medical and Health Sciences, Jamshoro/Hyderabad	Zeeshan Nasir
8.	160	Comparative Analysis of Kyphotic Deformity Correction and Implant Failure in Thoracolumbar Junctional Fractures: Long-Segment Pedicle Screw Fixation Versus Short-Segment Pedicle Screw Fixation with Incorporated Fracture-Level Screws	Punjab Institute of Neurosciences, Lahore	Muhammad Jehanzeb
9.	229	Spinal Tumor Location Influencing the Outcome: Results from A Lower Middle-Income Country	Liaquat National Hospital & Medical College, Karachi	Afifa Afsar
10.	205/206	Diagnostic and Prognostic Biomarkers of Acute Traumatic Spinal Cord Injury: A Systematic Review of Human Studies	Aga Khan University, Karachi	Syed Faisal Nadeem

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J Robert Buchanan Hall: Saturday, 9th November, 17:00-18:00				
Abstract Session 3: Oral Presentation Neurotrauma				
Chairman		Naveed Ashraf		
Co-chairman		Ajmal Khan		
Moderator		Yaseen Rauf		
Serial No.	Abstract No.	Topic	Institute	Speaker
1.	37/57	Factors Affecting Development of Hydrocephalus in Patients with Decompressive Craniectomy	Shifa International Hospital Limited, Islamabad	Mahrukh Afreen
2.	79	Unlocking The Brain's Natural Pathways, Cisternostomy as a Game Changer in Management of Head Injury	Punjab Institute of Neurosciences, Lahore	Bakht Nawaz
3.	145	Role of Serial CT Brain Plain in Paediatric Patients with Head Injury	Dow University of Health Sciences, Karachi	Ramsha Nasir Obaid
4.	156	Analysis of cerebral Microdialysis in Patients with Traumatic Brain Injury: Relation to Intracranial Pressure and Cerebral Compliance	Allama Iqbal Medical College Jinnah Hospital, Lahore	Kashif Ali Sultan
5.	164	Key Determinants of Traumatic Intracerebral Hemorrhage Expansion	Dow University of Health Sciences, Karachi	Sana Silvia
6.	214	Comparison of Type of Intracranial Injuries in Motorbike Accidents with and without Helmet	Ayub Teaching Institute, Abbottabad	Gullaly Said
7.	222	Predictive Role of Leukocyte Count in Traumatic Brain Injury: A Prospective Research from a Tertiary Care Hospital of Pakistan	Punjab Institute of Neurosciences, Lahore	Hamza Toheed
8.	243	Navigating the Shadows of Severe TBI Surgery: A Prospective Cohort to Determine Patient Outcome	Liaquat University of Medical and Health Sciences, Jamshoro/Hyderabad	Kanwal Ali Qambrani
9.	247	Role of Cisternostomy in Traumatic Brain Injury	Hayatabad Medical Complex, Peshawar	Tabraiz Wali Shah
10.	55	Use of Intracranial Pressure Monitoring for Surgical Decision Making in Patients with Severe Traumatic Brain Injury	Shifa International Hospital, Limited	Mahrukh Afreen

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Lecture Hall 3: Saturday, 9 th November, 17:00-18:00				
Abstract Session 3: Oral Presentation Adult Brain Tumors				
Chairman			Sajid Nazir Bhatti	
Co-chairman			Abdur Razzaq Mari	
Moderator			Fauzan Alam Hashmi	
Serial No.	Abstract No.	Topic	Institute	Speaker
1.	43	Metastatic Brain Tumors and Their Predictors of Survival: A Retrospective Analysis of Patients Presenting in The Largest Cancer Hospital in Pakistan	Shaukat Khanum Memorial Cancer Hospital and Research Centre, Lahore	Saad Bin Anis
2.	45	A 10-Year Survival-Trend Analysis of Low-Grade Glioma and Treatment Patterns from an LMIC	Shaukat Khanum Memorial Cancer Hospital and Research Centre, Lahore	Saad Bin Anis
3.	5	Neuro-Oncology Tumor Boards: A Report of Geographical Distribution, Implementation, Critical Factors, and Gaps from a Nationwide Survey of Licensed Neurosurgeons in Pakistan	Aga Khan University, Karachi	Roua Nasir
4.	78	Short term Outcomes and Complications of Temporal Lobectomy for Intrinsic Brain Tumor	Lady Reading Hospital, Peshawar	Syed Jawad Ahmad
5.	207	74 Cases of Mononarial Endoscopic Endonasal Transsphenoidal Pituitary Adenoma, Experience at Neurosurgery Department, FJMU	Sir Ganga Ram Hospital/FJMU, Lahore	Warda Idrees
6.	221	Free-hand Frameless Pinless Electromagnetic-Navigation (AXIEMTM)-Guided Brain Lesion Biopsies: An Institution Based Experience from a Low-Middle-Income Country	Punjab Institute of Neurosciences, Lahore	Abdur Rehman Baig
7.	20	Long-term Tumor Control of Skull Base Meningioma Based on Multisession Gamma Knife Radiosurgery	Neurospinal and Cancer Care Institute, Karachi	Aurangzeb Kalhoro
8.	255	Butterfly Glioma: Clinicopathological Characteristics and Outcomes	Aga Khan University, Karachi	Shah Khalid
9.	178	Factors Predicting Prolonged Period of Inpatient Hospital Stay After Craniotomy for Resection of Tumor	Aga Khan University, Karachi	Zanib Javed
10.	249	Assessment of Executive Functions in Awake Craniotomy for Supratentorial Intra-Axial Brain Tumors: Preliminary Findings	Aga Khan University, Karachi University of Kentucky, Lexington	Rabeet Tariq

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The Cube: Saturday, 9th November, 17:00-18:00				
Abstract Session 3: Quick Shot Oral Presentation General Neurosurgery III				
Chairman			Irfan Malik	
Co-chairman			Adeeb ul Hassan	
Moderator			Rabail Akber Qazi	
Serial No.	Abstract No.	Topic	Institute	Speaker
1.	176	Brivaracetam Use in Managing Seizures Following Traumatic Brain Injury	Aga Khan University, Karachi	Zanib Javid
2.	81	Comparison Of the Effect of Irrigation Fluid Temperature on Recurrence and Outcome in The Evacuation of Chronic Subdural Hematoma	Punjab Institute of Neurosciences, Lahore	Muhammad Ubaid Ur Rehman
3.	240	Conservative Versus Surgical Treatment of Spontaneous Lobar Intracerebral Hemorrhage	Punjab Institute of Neurosciences, Lahore	Noor Hashim
4.	248	Minimally Invasive Surgery for Non-traumatic Spontaneous Intracerebral Hemorrhage: A Network Meta-Analysis of Multiple Treatment Modalities	Aga Khan University, Karachi	Rabeet Tariq
5.	183	Obesity, An Independent Predictor of Poor Oswestry Disability Indec (ODI) and Dubious Operative benefits in Surgical Low Back Pain	Dow University of Health Sciences, Karachi	Asjad Qureshi
6.	211	Functional outcome of ossification of posterior longitudinal ligament surgery at cervical spine in tertiary care hospital in LUH Hyderabad	Liaquat University of Medical and Health Sciences, Jamshoro/Hyderabad	Mate ur Rehman
7.	237	Surgical Outcomes of Unilateral Painful Acute Foot Drop Secondary to Lumbar Disc Herniation	Lady Reading hospital, Peshawar	Abdullah Khan
8.	238	Adapting Open Transpedicular Screw Systems for Minimally Invasive Spine Fixation: A Technical Feasibility and Outcome Assessment	Punjab Institute of Neurosciences, Lahore	Muhammad Jehanzeb
9.	253	MIS for Intradural-Extramedullary Tumors has Better Surgical Outcomes as Compared to Conventional Techniques: A Systematic Review and Meta-analysis.	Aga Khan University, Karachi	Tabinda Tahir

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**Day 4 –
Sunday, 10th November 2024**

Agenda

1.	Networking Breakfast (08:00 – 09:00)
2.	Case Based Discussions
3.	Plenary Session
4.	Tea Break (11:15 – 11:30)
5.	Abstract Sessions
6.	Networking Lunch
7.	History of PSN Exhibition
8.	AKU – PSN Quiz
9.	Concluding Ceremony
10.	Hi – Tea

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Day 4 – Sunday, 10th November 2024

Networking Breakfast at AKU Main Auditorium 08:00 – 09:00

Time	Case Based Discussions			
9:00 – 10:00	Venue	Theme	Panelists	Moderator
	Cheves McCord Smythe Hall	Vascular	Aqueel Pabaney Gohar Javed Muhammad Imran Qasim Bashir Rashid Jooma Tanveer ul Haq	Manzar Hussain
	J Robert Buchanan Hall	Pediatrics	Abdul Hameed Kasuri Brig. Zahid Hussain Laeq ur Rehman Shams Brohi Zubair Tahir	Fehmida Mallah
	Lecture Hall 3	Head Trauma	Ehsan Bari Hamid Akbar Sheikh Kashif Sultan Shahzad Hussain Sajid Nazir Bhatti	Bushra Ahmad

Head over to Main AKUH Auditorium for Plenary Sessions

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Abu-al-Zahravi Plenary Session Chair: Shahid Ayub Co-chair: Irfan Malik Moderator: Atiq Ahmed Khan			
Time	Topic		Presenter
10:00 – 10:12	Glory and Gore of Vascular Neurosurgery		Aqueel Pabaney
10:12 – 10:24	Prenatal Intervention for Myelomeningocele: Techniques, Benefits and Challenges		Zubair Tahir
10:24 – 10:36	Scope of Pediatric Neurosurgery in Pakistan		Rabia Qaiser
10:36 – 10:48	Work Life Balance and Burnt Out in Neurosurgery		Kamran Hussain
10:48 – 11:00	Breaking Barriers: Challenges and Solutions for Epilepsy Surgery Services in Pakistan		Farhan Mirza
11:00 – 11:12	Robotic Spine Surgery		Irfan Malik
11:12 – 11:30	Tea Break at Male Hostel Lawn		
Time	Abstract Session 4		
11:30 – 12:30	Cheves McCord Smythe Hall	Quick Oral Presentations	Adult Brain Tumor
	J Robert Buchanan Hall	PSN – RSP Joint Session Oral Presentations	Neurovascular Surgery
	Lecture Hall 3	PSN – Saman-e-Shifa Joint Session Oral Presentations	Innovations in Neurosurgery
	Auditorium	Women in Neurosurgery Session	Career Development for Women in Neurosurgery

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Auditorium		
Sunday, 10th November, 11:30 – 12:30		
Women in Neurosurgery Session		
Career Development for Women in Neurosurgery		
Time	Topic	Presenter
11:30 – 11:35	Introduction	Seema Sharafat
11:35 – 11:50	Paving the Path: Career Growth for Women in Neurosurgery	Sharron Theophylis
11:50 – 12:05	Challenges and Triumphs: Women Shaping the Field of Neurosurgery	Abhida Shah
12:05 – 12:30	Panel Discussion	Ahmed Ali Shah Aneela Darbar Rabia Qaiser

Abstract Session 4

**10th November, 11:30 –
12:30**

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Cheves McCord Smythe Hall: Sunday 10th November, 11:30 – 12:30				
Abstract Session 4: Quick Shot Oral Presentation Adult Brain Tumors				
Chairman			Atiq Ahmed Khan	
Co-chairman			Muhammad Hamid Ali	
Moderator			Uzair Ahmed Siddiqui	
Serial No.	Abstract No.	Topic	Institute	Speaker
1.	4	Transcortical versus Transsylvian Approach for Insular Gliomas: A Systematic Review and Meta-Analysis	Aga Khan University, Karachi	Zuhaib Ali
2.	196	Primary Intracranial Congenital Glioblastoma (PICG): A Systematic Review of Case Reports from 2000 to 2023	Punjab Institute of Neurosciences, Lahore	Haseeb Mehmood Qadri
3.	23	Endoscopic Endonasal Trans-Sphenoidal Surgery in Patients with Macro-Adenoma Extent of Surgical Resection and Recurrence Rate	Lady Reading Hospital, Peshawar	Muhammad Aamir Baloch
4.	60	Surgical Outcomes of Endoscopic Excision of Colloid Cysts of the Third Ventricle: A Retrospective Study	Punjab Institute of Neurosciences, Lahore	Talha Sajid
5.	171	Advanced Neuronavigation-Assisted Endoscopic Endonasal Transsphenoidal Resection for Pituitary Microadenomas in Cushing's Disease: Clinical and Hormonal Outcomes	Allama Iqbal Medical College, Jinnah hospital Lahore	Aeman Tariq
6.	192	Treatment Outcomes of Trans-Sylvian Resection of Insular Gliomas in a Resource-Restricted Setting: A Case Series from Pakistan	Punjab Institute of Neurosciences, Lahore	Zia Ul Rehman Najeeb
7.	201	Transcortical Transventricular Excision of Space Occupying Lesions of Lateral Ventricle: A Retrospective Case Series from a Resource-limited Setting	Punjab Institute of Neurosciences, Lahore	Faika Ijaz Khan
8.	202	Surgical Technique Dictates the Future in CPA Tumor	Allama Iqbal Medical College, Lahore	Ghulam Naseer Uddin
9.	63	Transforming Neurosurgical Training and Optimizing Outcomes: Harnessing 3D MRI Visualization and Volume Rendering for Precision Brain Tumor Planning	Services Institute of Medical Sciences, Lahore	Muhammad Hassan Tabish
10.	244	Charting the Gray Waters: Regional Trends in the Outcome of Gliomas in an LMIC – A Single Center Experience	Liaquat University of Medical and Health Sciences, Jamshoro/Hyderabad	Kanwal Ali Qambrani
11.	40	Enhanced recovery after surgery: A Comparative Study of Day case Brain surgery versus Inpatient Craniotomy for Supratentorial Brain Tumors: Initial Experience at the Largest Cancer Hospital in an LMIC	Shaukat Khanum Memorial Cancer Hospital and Research Centre, Lahore	Saad Bin Anis

12		Molecular Signatures for Survival Prediction in Glioma: a Prospective, Rea-World Data Analysis	Aga Khan University, Karachi	Altaf Ali Laghari
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J Robert Buchanan Hall: 10 th November, 11:30 - 12:30				
Abstract Session 4: Oral Presentation Neurovascular Surgery				
Chairman		Arif Malik		
Co-chairman		Arshad Chaudhary		
Moderator		Shahid Nawaz		
Serial No.	Abstract No.	Topic	Institute	Speaker
1.	66	Surgical Experience of Supraorbital Eyebrow Approach for Clipping of Anterior Communicating Artery Aneurysm at a Tertiary Care Hospital in Pakistan	Punjab Institute of Neurosciences, Lahore	Salman Ahsen
2.	69	Middle Meningeal Artery Embolization (MMAE) Alone Versus Combined with Conventional Surgery in the Management of Chronic Subdural Hematoma (cSDH): A Systematic Review and Meta-Analysis	Aga Khan University, Karachi	Dahir Ashfaq
3.	95	Outcome of Surgical Clipping in Intracranial Aneurysms	Pakistan Institute of Medical Sciences, Islamabad	Maha Waseem
4.	111	Beyond the Clip: Unveiling Residual Aneurysms with CT Angiography Post-Surgical Clipping	Punjab Institute of Neurosciences, Lahore	Hafiz Muhammad Irfan Razzaq
5.	143	Outcome of Endovascular Coiling in Posterior Circulation, a Single centre Experience	Punjab Institute of Neurosciences, Lahore	Usama Mansoor
6.	235	Conservative Management Results in Higher Mortality and Morbidity in Patients Presenting with Grade I and II Subarachnoid Hemorrhage: Our Experience from a Tertiary Care Hospital in Khyber Pakhtunkhwa, Pakistan	Lady Reading Hospital, Peshawar	Abdullah khan
7.	73	Endovascular Thrombectomy after 24 Hours: A Systematic Review and Meta-Analysis of Outcomes	University of Missouri Aga Khan University, Karachi	Bilal Ahmed Lodhi
8.	175	Current Status of Artificial Intelligence Technology in Predicting Delayed Cerebral Ischemia after Spontaneous Subarachnoid Hemorrhage: A Systematic Review	Punjab Institute of Neurosciences, Lahore	Sundas Irshad

9.	8	Efficacy of Radiosurgery with and without Angioembolization: A Subgroup Analysis of Effectiveness in Ruptured Versus Unruptured Arteriovenous Malformations. An Updated Systematic Review and Meta-Analysis	Liaquat National Hospital and Medical College, Karachi	Abdul Basit Sangah
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Lecture Hall 3: Sunday, 10 th November, 11:30 - 12:30				
Abstract Session 4: Oral Presentation Innovation in Neurosurgery				
Judges			Shahid Noor Saleem Sayani M. Nadeem Nadeem Akhtar	
Serial No.	Abstract No.	Topic	Institute	Speaker
1.	259	Designing and Implementation of Peek Implant	Aga Khan University, Karachi	Zanib Javed
2.	61	Evolution of 3D Reconstructed Acrylic Cranial Implants and Cranioplasty: A Multicentric Experience.	King Edward Medical University, Mayo Hospital Lahore	Umair Ahmed
3.	153	AI-Powered Smartphone Ocular Fundal Photography for Early Detection of Raised ICP in Traumatic Brain Injury; An Innovation in Neurosurgery in Lower Income Countries	Punjab Institute of Neurosciences, Lahore	Sundas Irshad
4.	154	Intrathecal Platelet-Rich Plasma (PRP) to Improve Motor Outcomes After Traumatic Spinal Cord Injury in Developing Countries	Punjab Institute of Neurosciences, Lahore	Sundas Irshad
5.	91	Spine Biomechanical Research: Translating In-Vivo Clinical Observations into Advances in Clinical Spine Care	Carolina Neurosurgery and Spine Associates, Charlotte	Ummey Hani
6.	260	Prognostic Potential of Micro RNA 21 (mRNA21) in Glioma Patients and Liquid Biopsies	Aga Khan University, Karachi	Altaf Ali Laghari
7.	261	Innovative Combination of Cost-Effective Transpedicular Fixation Technique with the Specialized Rod and Cap Management Instrument	Punjab Institute of Neurosciences, Lahore	Muhammad Jehanzeb
8.	262	Cerebral Microdialysis in Severe Traumatic Brain Injury Management	Allama Iqbal Medical College Jinnah Hospital Lahore	Kashif Ali Sultan
9.	263	3D Reconstructed ACRYLIC Cranial Implants Manufacturing in Pakistan	Jinnah Hospital Punjab Institute of Neurosciences	Nabeel Choudhary Adeeb ul Hassan

			Mayo Hospital Lahore	
10.	264	Designing Low-cost Simulation-based Training Models for Neurosurgical Trainees in LMIC	Aga Khan University, Karachi	Saqib Kamran Bakhshi
11.	265	Developing a non-Cadaveric Brain Tumor Surgery Lab in Resource-Constrained Settings	Aga Khan University, Karachi	Ahsan Ali Khan

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Time	Abstract Session 5		
12:30 – 13:30	Cheves McCord Smythe Hall	Oral Presentations	General Neurosurgery
	J Robert Buchanan Hall	PSN – PNO Joint Session Oral Presentations	Pediatrics
	Lecture Hall 3	Young Neurosurgeons Forum Panel Discussion	Aqueel Pabaney Farhan Mirza Saad Bin Anis Fauzan Alam Hashmi Asad Iftikhar Shah (Moderator)
	BSS Area	Poster Presentations	Neurosurgery
13:30 – 14:15	History of PSN Exhibition at Teaching and Learning Commons Lunch at Male Hostel Lawn		
Auditorium			
AKU – PSN Quiz			
14:15 – 14:45	Final Round 1		Yousuf Sheikh/ Tahir Shahab
14:45 – 15:15	Final Round 2		Farhan Mirza/ Sundus Ali
Concluding Ceremony			
15:15 – 15:25	Vote of Thanks		Saad Akhtar Khan
Prize Distribution			
15:25 – 15:45	Best Oral Paper Presentation Best Quick Shot Oral Presentation Best Poster Paper Presentation Institutional Award – Most Submitted Abstracts Neurosurgery – Innovation of the Year Award AKU – PSN Quiz Champions Digital Engagement Award		Shahid Ayub & Shahzad Shamim
End of the Ceremony			
Buses will leave for Avari Towers and Hotel at 16:15 sharp			

Abstract Session 5

**10th November, 12:30 –
13:30**

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Cheves McCord Smythe Hall: Sunday, 10 th November, 12:30 - 13:30				
Abstract Session 5: Oral Presentation General Neurosurgery				
Chairman		Shahzad Shams		
Co-chairman		Amir Saghir		
Moderator		Mehboob Alam		
Serial No.	Abstract No.	Topic	Institute	Speaker
1.	39	Immediate 30-Day Postoperative Complications of Posterior Fossa Tumors in Pediatric Patients: A Retrospective Single-Center, Single-Surgeon Study	Shaukat Khanum Memorial Cancer Hospital and Research Centre, Lahore	Saad Bin Anis
2.	44	Post-Operative Complications, And Their Outcomes; A Retrospective Analysis of Neurosurgical Patients Presenting in The Largest Cancer Hospital in Pakistan	Shaukat Khanum Memorial Cancer Hospital and Research Centre, Lahore	Saad Bin Anis
3.	67	Safety And Efficacy of Lumboperitoneal Shunt and Neuronavigation Guided Ventriculoperitoneal Shunt in Benign Intracranial Hypertension.	Punjab Institute of Neurosciences, Lahore	Nasruddin Ansari
4.	75	Short-Term Outcomes of Posterior Fossa Decompression with or Without Duraplasty for Chiari Malformation Type 1: Insights from a Tertiary Care Hospital	Khyber Teaching Hospital, Peshawar	Furqan Ahmad Sethi
5.	152	Repeated Malfunctioning Shunt Could Lead to Multiple Surgical Procedures	Liaquat University of Medical and Health Sciences, Jamshoro/Hyderabad	Komal Ramani
6.	173	Efficiency of Blood Utilization in Elective Neurosurgery Patients in a Tertiary Care Hospital	Aga Khan University, Karachi	Zanib Javed
7.	212	Development and Implementation of a Standardized Transsphenoidal Care Pathway: Enhancing Patient Safety and Uniformity of Care	Aga Khan University, Karachi	Anum Shiraz
8.	217	Comparison Of Mini-Transverse Wrist Incision and Traditional Longitudinal Incision in Patients Undergoing Surgical Management of Carpal Tunnel Syndrome	Lady Reading Hospital, Peshawar	Muhammad Nawaz Khan
9.	245	ACDF with Zero Profile	PMC Hospital, Nawabshah	Azhar Hussain
10.	256	Facial Nerve Preservation with Resection of Cerebellopontine Angle Tumors: Does Intraoperative Facial Nerve Monitoring (DES) Help in Preservation of Function?	Aga Khan University, Karachi	Shah Khalid

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J Robert Buchanan Hall: Sunday, 10 th November, 12:30 - 13:30				
Abstract Session 5: Oral Presentation Pediatrics				
Chairman			Brig. Maqsood	
Co-chairman			Naureen Mushtaq	
Moderator			Ahsan Aurangzeb	
Serial No.	Abstract No.	Topic	Institute	Speaker
1.	231	ETV Score and Other Factors Contributing to Third Ventriculostomy Outcome	Liaquat National Hospital, Karachi	Afifa Afsar
2.	49	Secondary Endoscopic Third Ventriculostomy for Shunt Malfunction	Ali Institute of Neurosciences (Irfan General Hospital Peshawar)	Hanif ur Rahman
3.	64	Comprehensive Analysis of Endoscopic Third Ventriculostomy Outcomes in Infants – A Case Series from Punjab Institute of Neurosciences	Punjab Institute of Neurosciences, Lahore	Hamza Noman
4.	167	Cutaneous Stigmata Heralds Calamity	Jinnah Hospital/Allama Iqbal Medical College, Lahore	Muhammad Irfan Khan
5.	230	Pre-Operative and Intra-operative Risk Factors of Post-Operative Cerebellar Mutism Syndrome in Pediatric Patients Undergoing Posterior Fossa Tumor Surgery: A Systematic Review	Dow University of Health Sciences, Karachi	Afia Salman
6.	17	Challenges in the management of Pediatric Brain Tumors in LMICs – What's the way forward?	Liaquat University of Medical and Health Sciences (LUMHS), Jamshoro	Mahjabeen Memon
7.	257	Brain Tumors in Infancy and Early Childhood (less than 2 years); A Single Center Experience of Prognostic Factors	Aga Khan University, Karachi	Shah Khalid
8.	258	Endoscopic Aqueductoplasty for the treatment of Aqueductal Stenosis, a case series from single center in LMIC	Aga Khan University, Karachi	Ahmer Baig
9.	242	Increment of High-Grade Gliomas Among Pediatric and Young Adult Population	Liaquat University of Medical and Health Sciences (LUMHS), Jamshoro	Sara Mehdi

Abstracts

Posters

Scientific Session				
Adult Brain Tumors:				
Serial No.	Abstract No.	Topic	Institute	Speaker
1.	14	Correlation Between the Prognosis of high-grade Gliomas in Adult Patient with Relation to Tumor Location	Hayatabad Medical Complex. Medical Teaching Institute, Peshawar	Muhammad Ali Nouman
2.	21	Unusual Presentation of Frontal bone Osteoma; A Case Report and Literature Review	Aga Khan University, Karachi	Ayesha Sohail
3.	84	A Case Report on the Atypical Presentation of Cerebellopontine Angle (CPA) Meningioma as Aural Polyp in Tertiary Care Hospital in Pakistan	Punjab Institute of Neurosciences, Lahore	Adeel ur Rehman
4.	98	Rare Coexistence of High-Grade Glioma and Pituitary Macroadenoma: First Case Report from Pakistan	Aga Khan University, Karachi	Yousuf ul Islam
5.	132	Primary Malignant Melanoma of Central Nervous System with Diffuse Leptomeningeal Melanomatosis - An Image Report	Aga Khan University, Karachi	Malaika Jawaid Siddiqui
6.	134	Comparing Redo Surgery and Stereotactic Radiosurgery for Recurrent, Residual and/or Tumors Showing Progression in Non-Functioning Pituitary Adenomas: A Systematic Review and Meta-Analysis	Aga Khan University, Karachi	Roua Nasir
7.	180	Invasive Pituitary Adenoma Presenting as Cerebrospinal Fluid Rhinorrhea - a Case Report	Aga Khan University, Karachi	Zanib Javed
8.	181	Brain Metastasis with a Solitary Lesion Secondary to Knee Joint Ewing Sarcoma	Nishtar Hospital, Multan	Muhammad Irfan
9.	10	Surgical Results of Endoscopic Endonasal Transsphenoidal Surgery for Pituitary Adenoma with Special Focus on Complication Rate	Hayatabad Medical Complex. Medical Teaching Institute, Peshawar.	Sohail Amir
10.	197	Primary Intracranial Leiomyosarcoma (PICLMS): A Systematic Review of Case Reports and Case Series from 2000 to 2023	Punjab Institute of Neurosciences, Lahore	Muhammad Talha Bilal
11.	198	Primary Intramedullary Lymphoma of Spinal Cord (PILSC): A Systematic Review of Case Reports and Case Series from 2000 to 2023	Punjab Institute of Neurosciences, Lahore	Haseeb Mehmood Qadri
12.	209	Systematic Review: Comparing Molecular Classification and Traditional Histopathological Classification in Diagnosing Gliomas		Asma Khan

13.	225	Intracranial, Extra-axial Middle Cranial Fossa Hemangioma in a 15-year-old Child: A Rare Occurrence	Punjab Institute of Neurosciences, Lahore	Faika Ijaz Khan
14.	234	Comparison of Disease-Specific Quality-of-Life Outcomes in Different Treatment Modalities for Vestibular Schwannoma - A Systematic Review and Meta-Analysis	Dow University of Health Sciences, Karachi	Afia Salman
15.	148	Multicentric Glioblastoma - A Case Report and Literature Review	Aga Khan University, Karachi	Malaika Jawaid Siddiqui
16.	4	Transcortical versus Transsylvian Approach for Insular Gliomas: A Systematic Review and Meta Analysis	Aga Khan University, Karachi	Zuhaib Ali
17.	195	Primary Intracranial Alveolar Soft Part Sarcoma (PIASPS): A Systematic Review of Case Reports and Case Series from 2000 – 2023	Punjab Institute of Neurosciences, Lahore	Haseeb Mehmood Qadri
18.	48	Results of ETSS in Terms of Radiological Resection in Patients with Pituitary Macroadenoma	Ali Institute of Neurosciences (Irfan General Hospital, Peshawar)	Jabir Shah
19.	129	Ultrasonic Surgical Aspirators, Powered by High-Frequency Sound Waves, Represent A Cutting-Edge Tool in Neurosurgery	Neurosurgery Unit 2 LUH Hyderabad	Shakir Ali
20.	193	Surgical Management and Outcomes of Olfactory Groove Neoplasms: A Retrospective Series from Pakistan	Punjab Institute of Neurosciences, Lahore	Mahroona Fatima Khalid
21.	268	Treatment Outcomes of Hydrocephalus Management Strategies in Patient with Cerebellopontine Angle Lesions	Aga Khan University, Karachi	Shah Khalid
22.	269	Multicentric Low-Grade Glioma: A systematic review	Aga Khan University & Ziauddin University, Karachi	Hafiza Fatima Aziz
23.	270	Cognitive Rehabilitation in Brain Tumor Survivors: A Systematic Review	Aga Khan University & Ziauddin University, Karachi	Hafiza Fatima Aziz
24.	271	Outcomes Following CyberKnife Robotic Radiosurgery for Pituitary Adenomas- A Large Single Center Study	Aga Khan University & Ziauddin University, Karachi	Hafiza Fatima Aziz

Scientific Session				
Complications + Trauma				
Serial No.	Abstract No.	Topic	Institute	Speaker
1.	76	Incidence of Infection in Carpal Tunnel Surgery with and without the Use of Local Antibiotics	Khyber Teaching Hospital, Peshawar	Furqan Ahmad Sethi
2.	59	Determining Outcome in Patients with Traumatic Brain Injury (TBI) Using the NeuroImaging Radiological Interpretation System (NIRIS)	Dow University of Health Sciences, Karachi	Murk Niaz
3.	3	Surgical Area of Depressed Skull Fractures Detection on Early Stages Using Artificial Intelligence Techniques	Medicare Cardiac and General Hospital (MCGH)	Soobia Saeed
4.	99	Association of Seven Day Mortality with Hyperglycemia in Traumatic Brain Injury Patients	Rehman Medical College, Peshawar	Mian Talha Kamal
5.	102	Trigeminal Neuralgia Caused by a Migrating Intracranial Bullet - Case Report and Review of Literature	Aga Khan University, Karachi	Noman Ahmed
6.	115	Traumatic Brain Injury Outcomes: An Audit from a Tertiary Care Center in a LMIC	Aga Khan University, Karachi	Muhammad Sohaib Shahid
7.	127	Trends in Traumatic Brain Injuries During the COVID-19 Pandemic: A Single-Center Review of Patient Charts from Pakistan	Aga Khan University, Karachi	Salaar Ahmed
8.	189	Symptomatic Calcified Chronic Subdural Hematoma Treated Surgically. A Case Report with Review of the Literature	Punjab Institute of Neurosciences, Lahore	Seeneen Bukhari
9.	194	Traumatic Delayed Posterior Cranial Fossa Epidural Hematoma: A Rare Entity	Punjab Institute of Neurosciences, Lahore	Abdur Rehman Baig
10.	232	To Evaluate the Association of Facial Trauma with Brain Trauma	Liaquat University of Medical and Health Sciences, Jamshoro/Hyderabad	Allah Noor
11.	9	How To Assess the Necessity of A CT scan? A Dilemma in Patients with Mild Head Trauma	Jinnah Post Graduate Medical Center, Karachi	Javeria Khan
12.	185	Incidence Of Postoperative Cerebrospinal Fluid Leak in Depressed Skull Fracture at Tertiary Care Hospital	Lady Reading Hospital, MTI, Peshawar	Afia Ihtesham

13.	224	Posterior Fossa Spontaneous Subdural Hematoma: A Coagulopathic Nightmare	Rehman Medical Institute, Peshawar	Momina Falak
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Scientific Session				
Functional Neurosurgery				
Serial No.	Abstract No.	Topic	Institute	Speaker
1.	15	Is Endoscopic Third Ventriculostomy a Viable Treatment Option for Normal Pressure Hydrocephalus? A Systematic Review	Aga Khan University, Karachi	Ayesha Sohail
2.	28	Surgical Intervention for Super Refractory Status Epilepticus (SRSE) – A Case Series and Proposal to Re-evaluate the Current Treatment Paradigm	University of Kentucky, Lexington	Muhammad Usman Khalid
3.	33	Surgical Treatment of Hypothalamic Hamartoma Causing Refractory Epilepsy: A Systematic Review	University of Kentucky, Lexington	Muhammad Usman Khalid
4.	170	A Comparative Analysis of the Targets of Deep Brain Stimulation in Treatment - Resistant Depression: Systematic Review of Human Case Reports and Studies	Aga Khan University, Karachi	Syed Faisal Nadeem
5.	228	Neurocognitive Outcomes of Hippocampus-Sparing Whole-Brain Radiation Therapy versus Whole-Brain Radiation Therapy in Patients with Brain Metastases: A Systematic Review and Meta-Analysis	Dow University of Health Sciences, Karachi	Afia Salman
6.	251	Use of Intraoperative Ultrasonography and Intraoperative Electrocochography to Treat Epileptogenic Cavernoma - A Case Report (and Review of Literature) from a Low Middle-Income Country	Aga Khan University, Karachi	Syeda Kubra

Scientific Session				
Innovation in Neurosurgery				
Serial No.	Abstract No.	Topic	Institute	Speaker
1.	6	Comparing Outcomes of Hinge Craniotomy to Decompressive Craniectomy	Aga Khan University, Karachi	Izza Tahir

		in Patients with Elevated Intracranial Pressures: A Meta-analysis		
2.	86	Hinge Craniotomy as an Alternative Technique to Decompressive Craniectomy for Severe Traumatic Brain Injury; A Comprehensive Analysis	Punjab Institute of Neurosciences, Lahore	Hamza Iqbal
3.	174	Awake Craniotomy in Low-Middle Income Countries: A Systematic Review	Aga Khan University, Karachi	Zanib Javed
4.	226	Outcomes of Endoscopic Third Ventriculostomy in different variants of third ventricular floor	Liaquat University of Medical and Health Sciences, Jamshoro/Hyderabad	Babar Ali Qureshi

Scientific Session				
Miscellaneous				
Serial No.	Abstract No.	Topic	Institute	Speaker
1.	12/216	Brain abscess: a clinical experience in a tertiary care hospital	Hayatabad Medical Complex. Medical Teaching Institute, Peshawar	Sohail Amir
2.	19	Microsatellite Instability and Mismatch Repair Protein Expression in Pediatric Brain Tumors with Constitutional Mismatch Repair Deficiency Syndrome: A Single Center Experience from an LMIC and Review of Literature	University College of Medicine and Dentistry, Lahore	Eisha Abid Ali
3.	22	2 Cases of Intracranial Hydatid Cyst -Case Report and Review Of Literature	Aga Khan University, Karachi	Ayesha Sohail
4.	53	Assessment of Clinical Instability in Patients Referred for Rehabilitation Services Suffering from Low Back Ache/Sciatic Symptoms	Ali Institute of Neurosciences (Irfan General Hospital), Peshawar	Amjad Ali/Yasir Ashraf
5.	58	National Institute of Health R01 Funding Trends in Neurosciences by Gender.	Shifa International Hospital Limited, Islamabad	Mahrukh Afreen
6.	70	Role Of Endoscopic Third Ventriculostomy Versus Ventriculoperitoneal Shunt for Resolution of Papilloedema in Patients of Hydrocephalus	Punjab Institute of Neurosciences, Lahore	Shujat Momand
7.	113/126	Assessing the Impact of a Neurosurgery Interest Group on the Academic Growth and Perceptions	Khyber Medical College, Peshawar	Sajjad Ullah Dawar

		of Medical Students About Neurosurgery		
8.	114	Fibrous Hamartoma of Infancy on Scalp in an Eight-Year-Old Boy with Sulci and Gyri Pattern: Case Report and Review of the Literature	Punjab Institute of Neurosciences, Lahore	Talha Sajid
9.	121	Outcome of Endoscopic Resection of Colloid Cyst: Experience at LUMHS Jamshoro	Liaquat University of Medical and Health Sciences, Jamshoro/Hyderabad	Sana Ullah Pathan
10.	135	Gamma Knife Radiosurgery for Intractable Trigeminal Neuralgia - A Comparative Study Between Single Versus Two Isocenter Targets	Neurospinal and Cancer Care Institute, Karachi	Kashif Ahmed
11.	136	Invasive Aspergillosis (IA) of the pituitary gland in a young immunocompetent host. A clinical case report highlighting pitfalls in clinical diagnosis and postoperative complications leading to increased mortality	Shaukat Khanum Memorial Cancer hospital and Research Centre, Lahore	Dr. Irfan Yousaf
12.	138	Functional Outcome of Microscopic Microvascular Decompression among the Patients with Trigeminal Neuralgia	Liaquat University of Medical and Health Sciences, Jamshoro/Hyderabad	Muzamal Koonj Iqbal
13.	149	Outcome Difference Between Traumatic and Spontaneous Chronic Subdural Hematoma	Liaquat University of Medical and Health Sciences, Jamshoro/Hyderabad	Zeeshan Nasir
14.	151	Modified Nakaguchi Classification: Is it a new way to measure Outcome of Chronic subdural hematoma?	Liaquat University of Medical and Health Sciences, Jamshoro/Hyderabad	Haseeb Qazi
15.	184	Outcomes of operative endoscopic intraventricular tumors	Liaquat University of Medical and Health Sciences, Jamshoro/Hyderabad	Komal Ramani
16.	186	Knowledge, Awareness and Practice of Artificial Intelligence and Types of Realities Among Healthcare Professionals: A Nationwide Survey from Pakistan	Punjab Institute of Neurosciences, Lahore	Haseeb Mehmood Qadri
17.	190	Gender Differences in Medical Students' Perception of Neurosurgery: A Cross-Sectional Study from Pakistan	Punjab Institute of Neurosciences, Lahore	Haseeb Mehmood Qadri
18.	203	A Systematic Review of Central Nervous System Manifestations of Monkeypox Virus - Do Neurosurgeons Need to Worry?	Punjab Institute of Neurosciences, Lahore	Haseeb Mehmood Qadri

19.	204	Neurological Manifestations of Zika Virus - A Systematic Review	Punjab Institute of Neurosciences, Lahore	Syed Haider Hassan
20.	233	Fahr's disease (FD), characterized by bilateral basal ganglia calcifications, presents diagnostic and management challenges.	Karachi Medical and Dental College, Karachi	Muhammad Shaheer Saleem
21.	272.	Intracranial fungal mass imitating a high-grade glial lesion- is antifungal alone sufficient?	Aga Khan University & Ziauddin University, Karachi	Hafiza Fatima Aziz
22.	273	Comparison of Demographics and Outcomes between Surgical and Conservative Management in Patients undergoing treatment for Posterior Cranial Fossa Hemorrhages – Experience from a Low-Resource Country	Aga Khan University & Ziauddin University, Karachi	Hafiza Fatima Aziz

Scientific Session				
Pediatrics				
Serial No.	Abstract No.	Topic	Institute	Speaker
1.	34/246	Diagnostic Challenges of Retrobulbar Cystic Lesions in Pediatric Patients: A Case of Intraoperatively Confirmed Hydatid Cyst.	Services Hospital, Lahore	Hira Umar
2.	68	Subacute Subdural Hematoma Following Minor Trauma in a Child with Preexisting Arachnoid Cyst: A Case Report	Nishtar Medical University & Hospital, Multan	Huzaifa Ali Khan
3.	77	Intraventricular Meningioma in A Paediatric Patient – A Case Report	Shifa International Hospital, Islamabad	Muneeza Adam Khatri
4.	87	Reducing Diagnostic Delays for Pediatric Brain Tumors: A Review of Literature on Strategies for the Way Forward in LMICs	Aga Khan University, Karachi	Dahir Ashfaq
5.	108	Beyond the Expected: A Supratentorial Ependymoma Imitating a Meningioma	Aga Khan University, Karachi	Hafsah binte Sohail
6.	122	Re-ETV Vs VP Shunting for Failed ETV In Pediatric Patients with Hydrocephalus. A Systematic Review	Liaquat National Hospital and Medical College, Karachi	Ikhlas Ahmed
7.	150	MRI Findings in patients with delayed Milestone presented with Different clinical features	Liaquat University of Medical and Health Sciences, Jamshoro	Muhammad Umar

8.	157	Awake Resection of a Right Motor Cortex Arterio-venous Malformation in a Pediatric Patient: Case Report and Review of the Literature	Aga Khan University, Karachi	Syed Faisal Nadeem
9.	182	Post-operative Chiari malformation presenting with type-2 respiratory failure	Aga Khan University, Karachi	Zanib Javed
10.	188	Outcomes of Transcranial Excision of Craniopharyngioma: A Brief Retrospective Series	Punjab Institute of Neurosciences, Lahore	Maryem Tanweer
11.	199	Primary Intramedullary Pilomyxoid Astrocytoma of Spinal Cord (PIPASC): A Systematic Review of Case Reports and Case Series of Two Decades	Punjab Institute of Neurosciences, Lahore	Haseeb Mehmood Qadri
12.	241	Meta-Analysis of Hydrocephalus in Pregnancy: A Dilemma Between Continuation and Termination	Lady Reading Hospital, Peshawar	Muhammad Nawaz Khan
13.	133	Outcome of Secondary Endoscopic Third Ventriculostomy in Patients with Shunt Failure: A One-Year Shunt-Free Survival Study (2018-2023) in a Tertiary Care Hospital of Middle Resourced Country	Nishtar Medical University, Multan	Zermina Tanvir

Scientific Session				
Spine				
Serial No.	Abstract No.	Topic	Institute	Speaker
1.	11	Surgical Outcome of Occipitocervical Fixation for Craniocervical Instability	Hayatabad Medical Complex. Medical Teaching Institute, Peshawar	Sohail Amir
2.	25	Comparative Analysis of Success Rates and Complications Between Lumbar Microdiscectomy and Open Discectomy for Lumbar Disc Herniation	Lady Reading Hospital, Peshawar	Seema Sharafat
3.	26	Pedicle Screw Placement: Safety And Accuracy of Free Hand Technique in Thoracolumbar Spine	Lady Reading Hospital, Peshawar	Zahid Khan
4.	82	Silent Blood: A Case of Spontaneous Spinal Hematoma with Full Neurological Recovery.	Aga Khan University, Karachi	Ahmad Hassan
5.	90	Analysis Of Tuberculous Spondylodiscitis and Its Possible Correlation with Previous Non-Neurological Surgical Interventions; A Case Series	Khyber Teaching Hospital, Peshawar	Muhammad Idris Khan

6.	101	Bridging X-Ray And MRI: Advancing Diagnosis of Spinal Stenosis	Services Hospital, Lahore	Ammara Zafar
7.	107	Central Retinal Artery Occlusion Following Elective Cervical Spine Surgery in Prone Position: Case Report and Review of Literature.	Aga Khan University, Karachi	Noman Ahmed
9.	131	Functional Independence Measure Scores After Spinal Cord Injury and Post Fixation Outcomes	Dow University of Health Sciences, Karachi	Muhammad Muizz Uddin
10.	139	Spinal Presentation of Hodgkin Lymphoma. A Case Report	Shaukat Khanum Memorial Cancer Hospital and Research Centre, Lahore	Fauzan Alam Hashmi
11.	140	Spinal Intradural Epidermoid. A Case Report	Shaukat Khanum Memorial Cancer Hospital and Research Centre, Lahore	Fauzan Alam Hashmi
12.	166	The Curious Case of Migratory Spinal Schwannoma; A Case Report	King Edward Medical University/Mayo Hospital, Lahore	Usama Ali Qadir
13.	168	Surgical Management of Intradural Lipomas: A Case Study Highlighting Neurological Recovery	King Edward Medical University/Mayo Hospital, Lahore	Ajit Phuyal
14.	177	Anastomosing Hemangiomas of The Thoracic Spine: A Rare Culprit in Progressive Myelopathy	Punjab Institute of Neurosciences, Lahore	Sundas Irshad
15.	210	Early Fusion of Bone in The Lumbosacral Spine: Radiographic Evidence of Bridging Bones Following Pedicle Screw Fixation	Liaquat National Hospital & Medical College, Karachi	Mehak Hafiz
16.	215	ANT Anterior Cervical Discectomy and Fusion Surgery: Results with Zero -Profile Spacer/Cage	Hayatabad Medical Complex/ Medical Teaching Institute, Peshawar	Mian Iftikhar-ul- Haq
17.	218	An Enormous Open Spinal Dysraphism with Cloacal Exstrophy	Liaquat National Hospital & Medical College, Karachi	Hafiza Hifza Bashir
18.	219	Neurosurgical Management of Congenital Lower Back Swelling with Associated Neurological Deficit in Pediatric Patients	King Edward Medical University/Mayo Hospital, Lahore	Shams Ul Ahmad
19.	220	Frequency Of Different Clinical Presentation of Spinal Cord Tumors in A Tertiary Care Hospital	Liaquat National Hospital & Medical College, Karachi	Amna Ghouri

20.	252	Frequency Of Post-Operative CSF Diversion in Patients with Third Ventricular Colloid Cyst: A Single Center Retrospective Analysis	Aga Khan University, Karachi	Mishkat Shehzad
21.	119	Prognostic Conundrum of Malignant Spinal TB In a Patient with Treated Hepatitis C And Hodgkin Lymphoma in Remission: A Case Report from Tertiary Care Cancer Centre In LMIC	Shaukat Khanum Memorial Cancer Hospital and Research Centre, Lahore	Fauzan Alam Hashmi
22.	254	Dorso-Lumbar Spinal Epidermoid Cyst: Case Reports and Updated Literature Review.	Aga Khan University, Karachi	Tabinda Tahir
23.	227	Ewing's Sarcoma of Cervical Spine in Young Adults: A Rare Case	Liaquat National Hospital & Medical College, Karachi	Rahmeen Khisal Jilani
24.	276	Platelet-Rich Plasma-A Safe and Cost-effective Dural Sealant in Spinal Surgeries-A Systematic Review	Aga Khan University & Ziauddin University, Karachi	Hafiza Fatima Aziz
25.	274	Spinal Arachnoiditis and Syringomyelia: Review of Literature with Special Emphasis on Post-infectious Inflammation and Treatment	Aga Khan University	Syed Faisal Nadeem

Scientific Session				
Vascular				
Serial No.	Abstract No.	Topic	Institute	Speaker
1.	155	Ruptured Anterior Communicating Artery Aneurysm with Isolated Intracerebral Hemorrhage	Punjab Institute of Neurosciences, Lahore	Birat Thapa Magar
2.	163	Vitamin B12 Deficiency Presenting with TTP like Features and Ischemic Stroke	Mayo Hospital Lahore	Muazma Batool
3.	179	Hypothalamic Cavernoma (A Unique Case Observation)	Aga Khan University, Karachi	Zanib Javed
4.	65	Comparison of Antiplatelets and Anticoagulants for Secondary Stroke Prevention in Ischemic Stroke Patients with Cancer: A Systematic Review and Meta Analysis	Aga Khan University, Karachi	Rafay Salman
5.	36	The Morphological, Clinical, and Prognostic Factors in the Management of Giant Anterior Communicating Artery	Aga Khan University, Karachi	Roua Nasir

		Aneurysms: A Proportional Meta-analysis of Cases		
6.	71	Middle Meningeal Artery Embolization (MMAE) for Patients with Recurrent Chronic Subdural Hematoma (cSDH): A Systematic Review of Case Reports and Case Series	Aga Khan University, Karachi	Varisha Madni
7.	74	Nomograms after Endovascular Thrombectomy: A Systematic Review and Meta Analysis	Aga Khan University, Karachi University of Missouri & University of Wisconsin-Madison	Hammad Atif Irshad
8.	83	How Has Medical Management Fared for Acute Ischemic Stroke Over the Years? Evidence from A Meta-Analysis of Randomized Controlled Trials	Aga Khan University, Karachi	Hammad Atif Irshad
9.	85	An Attempt to Explore Post Thrombectomy Rehabilitation Strategies: Effects on 90-Day Modified Rankin Scale in Ischemic Stroke: A Systematic Review and Meta-Analysis of RCTs	Aga Khan University, Karachi	Zayyan Alidina
10.	200	Post-infectious Moyamoya Syndrome: A Review of Existing Scientific Literature From 2000 to 2023	Punjab Institute of Neurosciences, Lahore	Haseeb Mehmood Qadri