



SCIENTIFIC PROGRAM

1st Annual Congress Punjab Institute of Neurosciences
October 18th -21st, 2025 | Lahore, Pakistan



SCIENTIFIC PROGRAM

NEUROSURGERY SESSION		DAY 1: OCTOBER 20 th 2025
Chairpersons		Moderator
Prof. Rashid Jooma, Prof. Nazir Ahmad		Dr Manal Khan, Dr Haseeb Mehmood Qadri
Co-Chairs	Prof. Naqib Ullah Achakzai, Prof. Riaz Raja	
Time	Activity	Speakers
8:00 – 8:30 am	Onsite Registration	
8:30 – 8:55 am	Guests to be Seated	
8:55 – 9:00 am	Recitation & National Anthem	Dr. Muhammad Afraz
9:00 – 9:15 am	Supra-Orbital Craniotomy for MCA Aneurysm Clipping	Dr. Farhan Siddiq Director Endovascular Neurosurgery University of Missouri, USA
9:15 – 9:30 am	Low Grade Glioma and Epilepsy: A Two-for-One Surgical Benefit	Dr. Tamara Lus Director Neuro Oncology University of Padua, Italy
9:30 – 9:45 am	Basilar Invagination and Associated Congenital Anomalies: Overview of Diagnosis and Treatment	Dr Hasan Syed Director Pediatric Neurosurgery Children's National Hospital, George Washington University, Washington, DC
9:45 – 10:00 am	Intraarterial Encephalography from an Acutely Implanted Aneurysm Embolization Device in Awake Humans	Prof. David Hasan Professor & Director Endovascular Neurosurgery, Neurology & Biomedical Engineering, Duke University, North Carolina, USA
10:00 – 10:30 am	Expandable Lumbar Interbody Fusion Technology	Prof. Charles L. Branch Chair Neurosurgery, Wake Forest University, North Carolina, USA President NASS North American Spine Society
10:30 – 11:00 am	State of the art Lecture "Leadership in Neurosurgery. What does it take?"	Prof. Fady Charbel Chair Neurosurgery, University of Illinois, UIC Chicago, USA



SCIENTIFIC PROGRAM

INAUGURAL SESSION		DAY 1: OCTOBER 20 th 2025
Chief Guest		Moderator
Syed Babar Ali Philanthropist, Academician, Founder of LUMS		Dr. Manal Khan, Dr. Haseeb Mehmood Qadri
Time	Activity	Speakers
11:00 -11:05 am	Welcome Address	Prof. Asif Bashir Executive Director PINS, Lahore
11:05 -11:45 am	Book Launch Ceremony "From Partition to Pioneer" Prof. Bashir Ahmad	Prof. Amna N Khan Professor Endocrinology University of Pennsylvania, USA
	Address & Inauguration by Chief Guest	Nayyar Ali Dada Internationally Acclaimed Architect
		Dr. Parvez Hassan Renowned Lawyer & President Pakistan Environmental Law
		Prof. Eice Muhammad Principal & Chair of Medicine
		Prof. Fady Charbel Chair Neurosurgery, University of Illinois, UIC Chicago, USA
11:45 am - 12:00 pm	HI-TEA	



SCIENTIFIC PROGRAM

NEUROSURGERY SESSION		DAY 1: OCTOBER 20 th 2025
Chairpersons		Moderator
Prof. Anjum Habib Vohra, Prof. Tariq Salahuddin,		Prof. Fauzia Sajjad
Co-Chairs	Prof. Khalid Mahmood, Prof. Shahid Ayub, Prof. Abdul Hameed	
Time	Activity	Speakers
12:00-12:15 pm	Dual Training in Cerebrovascular Surgery – Balance, Utility, and Practice Evolution	Dr. Shakeel Chowdhry Director Neurosurgery NorthShore University Endeavor Health, Chicago, USA
Free Papers		
12:15-12:25 pm	Trigeminal Nerve Compression (TGNC) Technique for Trigeminal Neuralgia: An Innovative Surgical Approach	Dr. Muhammad Nawaz Khan MTI Lady Reading Hospital Peshawar
12:25-12:35 pm	The Telovelar Approach for Pediatric Fourth Ventricle Tumors: Technical Nuances and Clinical Outcomes	Dr. Adeel Ur Rehman PINS, Lahore
12:35-12:45 pm	Innocuous and innovative means of spinal fixation: A new era of navigation-based Fixation	Dr. Muhammad Bilal
12:45-12:55 pm	Management of Sacral Chordoma: Surgical Strategies and Oncological Outcomes	Dr. Uzair Yaqoob Civil Hospital, Karachi
12:55-1:05 pm	Outcome Comparison of Posterior Lumbar Fusion PLF vs Posterior Lumbar Interbody Fusion PLIF for Lumbar Degenerative Spondylolisthesis	Dr. Zia Ur Rehman Lady Reading Hospital, Peshawar
1:10 –1:45 pm	LUNCH	



SCIENTIFIC PROGRAM

NEUROLOGY SESSION		DAY 1: OCTOBER 20 th 2025
Chairperson		Moderator
Prof. Muhammad Naeem Kasuri		Dr. Madeeha Malik
Co-Chairs	Prof. Ahsan Nauman, Prof. Mujeeb Ur Rehman Abid Butt, Prof. Qasim Bashir, Prof. Brig Imran Ahmed	
Time	Activity	Speakers
2:00 – 2:15 pm	Future of Neurology in Pakistan	Prof. Naila Naeem Shahbaz Prof. of Neurology Dow Medical University/ Civil Hospital, Karachi. President Pakistan Society of Neurology
2:15 – 2:40 pm	Epilepsy Surgery “Patient and Procedure Selection”	Prof. Fawzia Siddiqui Epileptologist & Consultant Neurologist, Aga Khan University, Karachi
2:40 – 3:00 pm	Innovative Treatments for Neurological Disorders, Hope on the Horizon.	Prof. Ather Javed Head of Department, Neurology, National Hospital & Medical Centre, Lahore
Free Papers		
Chairpersons	Maj. Gen. Prof. Khurram Haq Nawaz, Prof. Nadir Zafar Khan	
Co-Chairs	Prof. Wazeer Ali Rao, Dr. Muhammad Nasrullah	
3:00 – 3:10 pm	Door-to-Needle Stories: A Year of tPA in Action	Dr. Muhammad Husnain PINS, Lahore
3:10 - 3:20 pm	Six-Month Outcomes and Quality of Life in Patients with Subarachnoid Hemorrhage Admitted to Medical Ward	Dr. Fatima Asghar Lahore General Hospital
3:20 - 3:30 pm	A Comparative Study of Standard Treatment Vs Standard Treatment Along with Ketogenic Diet in Treatment of Paediatric Refractory Status Epilepticus	Dr. Saddam Hussain University of child Health Sciences, Lahore



SCIENTIFIC PROGRAM

3:30 - 3:40 pm	Comparative Analysis of Standard Dose Steroid Vs High Dose Steroid Vs Vigabatrin in Treatment of Infantile Spasms: A Short-Term Outcome Based Study	Dr. Wahab Qadir The Children's Hospital, Lahore
3:40 - 3:50 pm	Outcome of Rituximab Treatment in Various Immunoneurological Disorders: A Retrospective Analysis from a Tertiary Hospital in Local Population	Dr. Tabana Iftikhar National Hospital & Medical Centre, Lahore
3:50 – 4:00 pm	Tea Break	

REHABILITATION SESSION		DAY 1: OCTOBER 20 th 2025
Chairperson		Moderator
Prof. Muhammad Naveed Baber		Dr. Amina Tufail
Panelists	Dr. Samreen Sadiq, Dr. Salman Bashir, Dr. Rabiya Salman	
Time	Activity	Speakers
4:00 – 4:20 pm	A comparative Case Report on Functional Neuro Rehabilitation after Cervical Spine Surgery	Dr. Samia Sarmad Incharge, Pediatric & Adult Neurorhabilitation Centre, University of Lahore Teaching Hospital, Lahore
4:20 – 4:40 pm	Rehabilitation Guidelines for Post Spinal Surgery at GTTH	Dr. Hafiz Asim Dean, Ghurki College of Health Sciences, Ghurki Trust Teaching Hospital, Lahore



SCIENTIFIC PROGRAM

Free Papers

4:40 – 4:50 pm	Effects of BRACKS Exercises and Sensory Input on Postural Stability in Women	Dr. Wajiha Shahid University of child Health Sciences, The Children's Hospital, Lahore
4:50 – 5:00 pm	Effects of Circuit Training in Multiple Sclerosis (A Case Study)	Laraib Akbar University of Lahore Teaching Hospital
5:00 – 5:10 pm	From Isolation to Interaction: Collaborative Virtual Reality for Parkinson's Disease Rehabilitation Integrating Motor, Cognitive, and Psychosocial Domains	Hafiz Mudassir Riaz The Superior University, Lahore
5:10 – 5:20 pm	Role of Physical Therapy in Improving the Functional Outcome of Infants with Erb's palsy due to Neurapraxia and Axonotmesis	Dr. Syeda Rahat (PT) University of child Health Sciences, The Children's Hospital, Lahore
5:20 – 5:30 pm	Effects of Mobile Application Dexterity Fine Motor Skills on Hand Dexterity and Grip Strength in Chronic Stroke Patients	Maida Mushtaq University of Management & Technology, Lahore
5:30 – 5:40 pm	Combined Effects of Balance and Cognitive training on Memory, Balance, Physical and Executive Functions in Patients with Multiple Sclerosis.	Dr. Tayyaba Jalal Awan Riphah International University
7:30- 10:00 pm	GALA DINNER	



SCIENTIFIC PROGRAM

PATHOLOGY SESSION		DAY 2: OCTOBER 21 st 2025
Chairperson		Moderator
Prof. Akhter Sohail Chughtai		Dr. Ayesha Khalid
Panelists	Prof. Mulazim Hussain Bukhari, Prof. Nisar Ahmed, Prof. Saeed Anwar, Prof. Faiza Bashir, Prof. Zunaira Rathore	
Time	Activity	Speakers
8:30 – 8:50 am	The Unseen Invaders of Nervous System	Brig. Raja Kamran Afzal Commandant AFIP, Rawalpindi
8:50 – 9:10 am	Decoding Disease: Navigating Diagnosis in Brain Biopsies	Prof. Samina Zaman Head of Pathology Department, University of Child Health Sciences, The Children's Hospital, Lahore
9:10 – 9:30 am	Understanding NGS in Neurology: Why Interpretation Matters and Who Should Help.	Dr. Natasha Anwer Consultant Molecular Pathologist, Aga Khan university, Karachi
Free Papers		
9:30 - 9:40 am	Blood Donor Characteristics and its Association with Transfusion-Transmissible Infections at Tertiary Care Hospital Blood Bank	Dr. Abeeha Khalid Allama Iqbal Medical College, Lahore
9:40 - 9:50 am	Expression of Nuclear YAP1 and its Correlation with Histomorphological Features in Gastric Adenocarcinoma	Dr. Hira Batool Chughtai Institute of Pathology, Lahore
9:50 - 10:00 am	Born to be Blue, Case Report of an Unusual Presentation of Cyanosis	Dr. Shawal Mir King Edward Medical University, Lahore



SCIENTIFIC PROGRAM

10:00 - 10:10 am	Challenges in the Interpretation of Leukocytes Count, Nucleated Red Blood Cells and Platelets Counts in Neonates: A study on the Performance of the Haematology Analyzer.	Dr. Naseeb Mumtaz Post graduate Medical Institute, Lahore
10:10 - 10:20 am	Trends in the Utilization of Blood and Blood Components at a Tertiary Care Hospital Blood Bank"	Dr. Azka Tariq Allama Iqbal Medical College, Lahore
10:20 - 10:50 am	TEA BREAK	

ANESTHESIA SESSION		DAY 2: OCTOBER 21 st 2025
Chairperson		Moderator
Prof. Shahida Khwaja		Dr. Farwa Batool, Dr. Ayesha
Panelists	Prof. Muhammad Ishaq, Prof. Muhammad Ashraf Zia, Prof. Liaqat Ali, Prof. Muhammad Tariq	
Time	Activity	Speakers
11:00 - 11:20 am	Traumatic Brain Injury	Prof. Jodat Saleem Head of Department, Anesthesia, Ameer Ud Din Medical College/LGH, Lahore
11:20 - 11:40 am	Anesthesia Outside Operation Theatre	Prof. Rana Altaf CEO Mukhtar A Sheikh Hospital, Khanewal road, Multan
11:40 am - 12:00 pm	Building High Performing Anesthesia Teams	Dr. Arshad Taqi Medical Director, The Indus Hospital, QF & NST Campus, Lahore



SCIENTIFIC PROGRAM

Free Papers

12:00 – 12:10 pm	Anaesthetic Management of a Patient with Prosthetic Heart Valve for Non-Cardiac Surgery: A Case Report	Dr. Abubakar Tariq Ghurki Trust Teaching Hospital, Lahore
12:10 – 12:20 pm	Comparison of Efficacy of Caudal Versus Transforaminal Epidural Steroid Injections in Unilateral S1 Nerve Root Pain: A Prospective Randomized Controlled Trial	Dr. Kashif Hussain Ghurki Trust Teaching Hospital, Lahore
12:20 – 12:30 pm	Efficacy of Fluoroscopic Guided Retro-Gasserian Glycerol Neurolysis in Patients of Trigeminal Neuralgia	Dr. Moazzam Ali CMH, Lahore
12:30 – 12:40 pm	Comparison of Effects of Scalp Nerve Block Vs IV Dexmed on Haemodynamic Response in Patients Undergoing Craniotomies.	Dr. Ayesha Rao Punjab Institute of Neurosciences, Lahore
12:40 – 12:50 pm	Anesthetic Management in a Patient with MEN 2A Syndrome and Elective Surgery of Pheochromocytoma	Dr. Tauram Javed Shaukat Khanum Memorial Hospital & Research Centre, Lahore
12:50 – 1:50 pm	LUNCH BREAK	



SCIENTIFIC PROGRAM

RADIOLOGY SESSION		DAY 2: OCTOBER 21 st 2025
Chairperson		Moderator
Prof. Nawaz Anjum		Dr. Mehwish Shoaib
Panelists	Prof. Amir Nadeem, Prof. Mobeen Shafique, Prof. Saulat Sarfraz, Prof. Shumaila Seemi Malik	
Time	Activity	Speakers
2:00 – 2:20 pm	MRI Tractography Visualizing Neural Pathways	Prof. Shahid Waheed Consultant Radiologist, Al Noor Diagnostic Centre/ Al Noor Institute of Diagnostic Radiology, Lahore
2:20 – 2:40 pm	Challenges of Endovascular Management of Face and Neck AVM / Venous Malformations	Dr. Muhammad Ramzan Consultant Radiologist, Diagnostic & Intervention PKLI, Lahore
2:40 – 3:00 pm	Emerging Role of Ga68 PSMA and DOTA PET CT Scan	Dr. Amna Qasim Section Head, Nuclear Medicine, Shaukat Khanum Memorial Cancer Hospital and Research Centre, Lahore
Free Papers		
3:00 – 3:10 pm	Decoding Tuberculosis in Central Nervous System: Radiological Signature and Diagnostic Challenges	Dr. Sana Rizwan Services Hospital, Lahore
3:10 – 3:20 pm	Pilot study: An Attempt for Structured Reporting Template for Spinal Dysraphism	Dr. Fatma Iqbal Ameer Ud Din Medical College, Lahore
3:20 – 3:30 pm	Diagnostic Accuracy of Diffusion Weighted Imaging in Diagnosing Malignant Adnexal Masses Taking Histopathology as Gold Standard	Dr. Zainab Qayyum Punjab Institute of Neurosciences, Lahore
3:30 – 3:40 pm	Ultrasound Versus Fluoroscopy Guided	Dr. Shahzad Karim Bhatti Mayo Hospital, Lahore



SCIENTIFIC PROGRAM

	transforaminal Steroidal Injection for Treatment of Refractory Lumbar Disc Prolapse with Radiculopathy	
3:40 – 4:00 pm	CLOSING CEREMONY & VOTE OF THANKS	