

Child Neurology Society Education Center

Advances in Pediatric Neurology Seminar Series

A CME Accredited Seminar Series



Leveraging AI for Pediatric NeuroCare in Underserved Areas

Thursday, January 23, 2025

6:00 pm CST

Available for purchase

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Earn 1.25 CME credits (live only)

Seminar Description

This seminar will explore the transformative role of artificial intelligence (AI) in pediatric neurocare, particularly in underserved areas. This session will delve into how AI enhances EEG acquisition and interpretation, revolutionizing the diagnosis and treatment of epilepsy in children. Additionally, the webinar will highlight emerging AI-driven innovations in diagnosing pediatric migraine headaches, offering hope for improved outcomes. Attendees will gain valuable insights into the intersection of AI, child neurology, and global health equity.



Moderator

Muhammad Zafar, MD

Dr. Muhammad Farr is an Associate Professor of Pediatrics and Neurology at Duke University Hospital, where he also serves as Section Chief of Pediatric Epilepsy and Director of the Epilepsy Monitoring Unit. Dr. Zafar completed his training in pediatric, pediatrics neurology and epilepsy at Maimonides Medical Center,



the University of Kentucky, and Duke University. His clinical and research expertise includes refractory epilepsy, epilepsy surgery, and the application of artificial intelligence to address global health challenges.

Speakers



Sharoon Qaiser, MD, MBBS

Dr. Sharoon Qaiser is a distinguished child neurologist and Professor of Child Neurology at the University of Kentucky. He directs the Pediatric Headache & Research Program and the Child Neurology Residency Program. Dr. Qaiser's contributions include authoring a comprehensive textbook on pediatric headache, publishing extensively in academic journals, and advancing the field through book chapters. His research interests lie at the intersection of narrative medicine and artificial intelligence in child neurology. He is an active member of several national and international committees dedicated to advancing neurological care.



Muhammad Usman Ghani Khan, PhD, MSc

Dr. Muhammad Usman Ghani Khan is a Professor in the Department of Computer Science at the University of Engineering & Technology (UET), Lahore, where he also directs the Intelligent Criminology Research Lab and the National Center of Artificial Intelligence. He is affiliated with the Al-Khwarizmi Institute of Computer Science. Dr. Khan earned his Ph.D. in Computer Vision and Natural Language Processing from the University of Sheffield, following an MSc and BSc (Hons) in Computer Science from UET Lahore. His research spans AI applications in healthcare, computer vision, and intelligent systems.



Javeria Raza Alvi, MBBS

Dr. Javeria Raza Alvi is an Assistant Professor of Pediatric Neurology at Children's Hospital Lahore, Multan. A graduate of Lahore, Pakistan, Dr. Alvi has played a pivotal role in national and international child neurology societies. She is a prolific author with several publications and book chapters in the field of child neurology. Her leadership in advancing pediatric neurological care and her dedication to underserved communities mark her as a leading voice in the field.

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Now**

Learn more on our Education Center.

Seminars will be posted on the Education Center as OnDemand within two weeks following the original presentation. OnDemand is offered non-CME

Child Neurology Society

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from the U.S., Canada, and around the world



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