

Brief Bio Dr. Ujjawal Roy

Dr. Ujjawal Roy completed his MBBS and MD (Internal Medicine) from University College of Medical Sciences, University of Delhi, and DM (Neurology) from Bangur Institute of Neurosciences, IPGMER (West Bengal University of Health Sciences), Kolkata. He holds the MRCP Specialty Certificate Examination in Neurology from the Royal College of Physicians (UK). He is Consultant and Head of the Department of Neurology at Pulse Super Specialty Hospital, Bariatu, and at Roy Neuro Care Centre, Cheshire Home Road, Bariatu, Ranchi, Jharkhand.

He has established a focused clinical and academic practice in neuromuscular ultrasound and ultrasound-guided neurological intervention. He completed a Mini Fellowship in Neuromuscular Ultrasound at Wake Forest University School of Medicine and the Department of Neurology, North Carolina, and a Fellowship in Musculoskeletal Ultrasound in Pain Medicine from the International Society for Musculoskeletal Ultrasound in Pain Medicine, along with fellowships in pain management and in pain, spine and musculoskeletal ultrasound-guided interventions. He is **the first physician in the Indian subcontinent to be awarded both** the Registered Physician in Neurovascular Interpretation (RPNI) certification of the American Society of Neuroimaging and the Registered in Musculoskeletal Sonography (RMSK) certification of the Alliance for Physician Certification & Advancement (APCA, USA).

His publications include pioneer work on neuromuscular ultrasound in neuromyotonia in *Neuromuscular Disorders*, on the role of ultrasound and ultrasound-guided botulinum toxin in tardive dyskinesia in *Tremor and Other Hyperkinetic Movements*, and on neuromuscular ultrasound in neuralgic amyotrophy in *Clinical Neuroimaging*, the official journal of the American Society of Neuroimaging. He has also published on high-resolution nerve ultrasound in pure neuritic leprosy in the *Journal of Clinical Ultrasound* and on the diagnostic accuracy of neuromuscular ultrasound for carpal tunnel syndrome in a real-world series of nearly 300 patients in the *Journal of Neuroimaging*. Earlier peer-reviewed work covers a wide clinical spectrum, including hemichorea-hemiballism, neuromyelitis optica spectrum disorder, metronidazole encephalopathy, Wilson's disease and rare neurogenetic syndromes.

He is currently **Convener of the Neuromuscular Subsection of the Indian Academy of Neurology**. He is very enthusiastic about teaching young neurologists in the field of point-of-care ultrasound and associated interventions, and has travelled extensively throughout the country and abroad to train neurologists in this field at meetings of different societies. He is Section Editor of *Frontiers in Neurology* and a reviewer for *Muscle & Nerve* and other peer-reviewed journals. He is a member of the Association of Physicians of India, the Indian Academy of Neurology, the Movement Disorders Society of India, the Indian Epilepsy Society and the International Society of Musculoskeletal Ultrasound in Pain Medicine.

His important upcoming assignments include an invitation as guest faculty at the 50th Annual Meeting of the American Society of Neuroimaging, 15–17 January 2027, at Hilton Head Island, South Carolina, and as guest faculty at the World Federation for Neurorehabilitation meeting in Daegu, South Korea, in October 2026, on low-cost ultrasound-guided interventions for nerve-related pain and post-stroke shoulder pain. Ongoing work includes diaphragmatic ultrasound and newer ultrasound techniques for botulinum toxin administration in spasticity. His vision is to carry neuromuscular ultrasound and low-cost, ultrasound-guided neurological care beyond tertiary centres and into everyday practice for patients across India.