

**DR. SHAMBADITYA DAS**

Associate Consultant - Neurology

**Qualification**

MBBS | MD (Internal Medicine) | DM (Neurology)

## Overview

Dr. Shambaditya Das is a neurologist with clinical expertise spanning acute stroke care and stroke protocols (including thrombolysis), headache and migraine management, movement disorders such as Parkinson’s disease, dementia and cognitive disorders, and advanced neurophysiological diagnostics including EEG, NCV, EMG, RNST and Video-EEG studies. He is trained in high-volume academic centres and has been actively involved in both clinical practice and neurological research. Dr. Das completed his MBBS, MD (Internal Medicine) and DM (Neurology) from the Institute of Post-Graduate Medical Education & Research (IPGMER), Kolkata, followed by residency at the Bangur Institute of Neurosciences. During his training and subsequent practice, he has worked extensively in stroke clinics, with a particular interest in Moyamoya angiopathy, young stroke, vessel wall imaging and the broader interface between cerebrovascular disease and cognitive outcomes. He has also been involved in structured acute stroke pathways including hyperacute thrombolysis, secondary prevention, and long-term functional follow-up. His work in movement disorders covers Parkinson’s disease, atypical parkinsonism, diabetic

striatopathy, dystonia, tremor and metabolic or autoimmune movement disorders. In cognitive neurology, his focus includes Alzheimer's disease, vascular cognitive impairment and dementia syndromes, with emphasis on neuropsychological assessment and caregiver support in chronic disease models. His expertise in electrophysiology includes EEG for epilepsy and encephalopathy evaluation, and NCS/EMG for peripheral nerve, neuromuscular junction and muscle disorders, enabling comprehensive diagnostic correlation. Dr. Das has presented award-winning research in national and international neurology and stroke platforms including the World Stroke Congress and the Asia Pacific Stroke Conference. He has authored multiple peer-reviewed publications in international indexed journals covering cerebrovascular disease, movement disorders, neuroimmunology and neurometabolic disease. He received the Moyamoya Research Scholarship in 2022 and continues to contribute to long-term cohort follow-up and genetic studies in cerebrovascular disease. His clinical practice philosophy emphasises protocol-based acute care, accurate phenotyping of neurological syndromes, and longitudinal monitoring of functional and cognitive outcomes. With training across emergency neurology, inpatient care and specialist outpatient clinics, Dr. Das offers comprehensive neurological evaluation aligned with current international standards of care.

### Languages Spoken

- English
- Hindi
- Bengali

### Awards & Achievements

- Honours in Paediatrics in the 3rd Prof Part-2 MBBS examination.

- Honours in Preventive and Social Medicine in the 3rd Prof Part-1 MBBS examination.
- Honours in Pharmacology in the 2nd Prof MBBS examination.
- Honours in Physiology in the 1st prof MBBS examination.
- Gold medal in Paediatrics in 3rd Prof MBBS (Part-2) in RGKMC&H.
- First Certificate of Merit for Thesis (Internal Medicine) in MD INTERNAL MEDICINE.

## Talks & Publications


- Das S, Dubey S, Acharya M, et al. The disease presentation of Moyamoya angiopathy in Eastern India. J Stroke Cerebrovasc Dis. 2020;29(8):104957. doi:10.1016/j.jstrokecerebrovasdis.2020.
- Das S, Dutta A, Sarkar P, et al. Bilateral Facial Palsy in Neuroborreliosis. Ann Indian Acad Neurol. 2021;24(6):990-991. doi:10.4103/aian.AIAN_698_20.
- Das S, Dubey S, Pandit A, Ray BK. Moyamoya angiopathy unmasking systemic lupus erythematosus. BMJ Case Rep. 2021;14(1):e239307. Published 2021 Jan 27. doi:10.1136/bcr-2020-239307.
- Das S, Dubey S, Pandit A, Ray BK. Myeloradiculoneuropathy due to vitamin B12 deficiency: an unusual clinical and radiological presentation. BMJ Case Rep. 2021;14(1):e239415. Published 2021 Jan 25. doi:10.1136/bcr-2020-239415.
- Das S, Dubey S, Pandit A, Ray BK. Bilateral thalamic lesion presenting as Broca's type subcortical aphasia in cerebral venous thrombosis: index case report. BMJ Case Rep. 2021;14(3):e240196. Published 2021 Mar 2. doi:10.1136/bcr-2020-240196.
- Das S, Ray BK, Pandit A, Dubey S. MRI negative

myeloradiculoneuropathy unmasking systemic lupus erythematosus. Rheumatology (Oxford). 2021;60(9):e318-e320. doi:10.1093/rheumatology/keab216.

- Das S, Karmakar K, Mukherjee R, et al. Acute stroke in young adult secondary to moyamoya angiopathy unveiling HbE-β thalassemia. Ann Hematol. 2022;101(2):449-451. doi:10.1007/s00277-021-04519-7.
- Das S, Ghosh R, Dubey S, Pandit A, Ray BK, Kraemer M. Limb-shaking TIA in Moyamoya angiopathy. Clin Neurol Neurosurg. 2021;207:106783. doi:10.1016/j.clineuro.2021.106783.
- Das S, Ray BK, Ghosh R, Sengupta S, Pandit A, Dubey S. Impact of COVID-19 pandemic in natural course of Moyamoya Angiopathy: an experience from a tertiary-care centre in India. Egypt J Neurol Psychiatr Neurosurg. 2021;57(1):166. doi:10.1186/s41983-021-00412-2.
- Das S, Dubey S, Das S, et al. Epidemiology of Moyamoya Angiopathy in Eastern India. Front Neurol. 2022;13:837704. Published 2022 Mar 4. doi:10.3389/fneur.2022.837704.
- Das S, Ray BK, Dubey S. Temporal lobe epilepsy with nocturnal wandering leading to discovery of Moyamoya Angiopathy. Acta Neurol Belg. 2023;123(1):279-281. doi:10.1007/s13760-021-01830-y.
- Das S, Chakraborty U, Dubey S, Ray BK, Radiological illusion of longitudinally extensive myelitis in multiple sclerosis. Neuroimmunol. Rep. 2, 100088. https://doi.org/10.1016/j.nerep.2022.100088 (2022).
- Das S, Ray BK, Ghosh R, Dubey S. "Asymptomatic Moyamoya Angiopathy: Is it Truly Asymptomatic?. J Stroke Cerebrovasc Dis. 2022;31(6):106432. doi:10.1016/j.jstrokecerebrovasdis.2022.106432.
- Das S, Chakraborty AP, Dubey S, Ray BK. Cortical Blindness and Moyamoya Angiopathy in the Context of an Acute COVID-19 Infection. J Neuroophthalmol. 2024;44(1):e172-e173.

doi:10.1097/WNO.0000000000001633.

- Das S, Kanti Ray B, Pandit A, et al. COVID-19 vaccine (Covishield) heralding Moyamoya angiopathy. Neuroimmunology Reports. 2022;2:100100. doi:10.1016/j.nerep.2022.100100.
- Das S, Pandit A, Chakraborty AP, Bhattacharya S, Dubey S. A Unique Radiological Correlate of CSF1R Mutation: "Adult-Onset Leukoencephalopathy with Axonal Spheroids and Pigmented Glia - Sine Leukoencephalopathy". Ann Indian Acad Neurol. 2022;25(5):962-963. doi:10.4103/aian.aian_300_22.
- Das S, Ray BK, Ghosh R, Dubey S. Aneurysm Associated with Moyamoya Angiopathy: Indian Perspective and Review of Management Strategies. Ann Indian Acad Neurol. 2022;25(6):1217-1218. doi:10.4103/aian.aian_468_22.
- Das S, Ray BK, Pandit A, Kumar S, Dubey S. Multiple sclerosis and Moyamoya angiopathy: Mimic and misdiagnosis. Mult Scler Relat Disord. 2022;66:104036. doi:10.1016/j.msard.2022.104036.
- Das S, Ray BK, Pandit A, Kumar K, Dubey S. Characteristic Array of Imaging Markers in Central Nervous System Tuberculosis. J Glob Infect Dis. 2023;15(2):79-80. Published 2023 Mar 31. doi:10.4103/jgid.jgid_102_22.
- Das S, Ray BK, Pandit A, Ghosh R, Chakraborty AP, Dubey S. Thalassemia and Moyamoya Syndrome: Epidemiology and long-term outcome. Eur J Paediatr Neurol. 2022;41:63-70. doi:10.1016/j.ejpn.2022.10.002.
- Das S, Ray BK, Chakraborty AP, et al. Persistent "MRI-negative" lupus myelitis-disease presentation, immunological profile and outcome. Front Neurol. 2022;13:968322. Published 2022 Oct 31. doi:10.3389/fneur.2022.968322.
- Dubey S, Ghosh R, Chatterjee S, et al. Spicy foods trigger clinical symptoms in Moyamoya angiopathy. J Neurosurg Sci. 2021;65(1):85-88. doi:10.23736/S0390-5616.20.05030-4.

- Chakraborty AP, Dubey S, Sarkar P, Das S, Ray BK, Pandit A. A Case of Moyamoya Syndrome with Isolated Protein S Deficiency Unmasked by Pregnancy. Ann Indian Acad Neurol. 2021;24(4):628-630. doi:10.4103/aian.AIAN_833_20.
- Kayal N, Ghosh R, Mazumdar PS, et al. Bilateral Facial Nerve Palsy in a Young Woman From West Bengal: Do Not Forget Lyme Neuroborreliosis. Neurol India. 2021;69(4):997-1001. doi:10.4103/0028-3886.325335.
- Dutta A, Ghosh R, Bhattacharya D, et al. Anti-PF4 antibody negative cerebral venous sinus thrombosis without thrombocytopenia following immunisation with the COVID-19 vaccine in an elderly non-comorbid Indian male, managed with conventional heparin-warfarin-based anticoagulation. Diabetes Metab Syndr. 2021;15(4):102184. doi:10.1016/j.dsx.2021.06.021.
- Kumar, S., Gangopadhyay, G., Biswas, A. et al. A comparison of cognitive performances between neuromyelitis optica spectrum disorder and multiple sclerosis patients in the Indian context. Egypt J Neurol Psychiatry Neurosurg 57, 97 (2021). https://doi.org/10.1186/s41983-021-00351-y.
- Metya S, Shaw S, Mondal S, et al. MRI-negative myeloradiculoneuropathy following Covid-19 infection: An index case. Diabetes Metab Syndr. 2021;15(6):102305. doi:10.1016/j.dsx.2021.102305.
- Moyamoya Angiopathy in a case of Klinefelter Syndrome, Child's Nervous System, DOI: 10.1007/s00381- 021-05371-w.
- Ghosh R, Ray A, Roy D, Das S, Dubey S, Benito-León J. Parkinsonism with akinetic mutism following osmotic demyelination syndrome in a SARS-CoV-2 infected elderly diabetic woman: A case report. Neurologia (Engl Ed). 2022;37(8):706-708. doi:10.1016/j.nrleng.2021.09.007.
- Ghosh R, Roy D, Das S, Benito-León J. Hemifacial spasm followed by predominantly unilateral upper limb monochorea

unmasking type-2 diabetes mellitus. Neurologia (Engl Ed). 2022;37(3):239-242. doi:10.1016/j.nrleng.2021.12.004.

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- Ghosh R, Maity A, Biswas U, Das S, Benito-León J. Lance-Adams syndrome: An unusual complication of snakebite envenomation. Toxicon. 2022;209:50-55. doi:10.1016/j.toxicon.2022.02.008.
- Dutta A, Chakraborty A, Das S, Dubey S, Pandit A. Salbutamol monotherapy in acetylcholine receptor deficiency-related congenital myasthenic syndrome due to CHRNE mutation. J Neurol. 2022;269(7):3923-3925. doi:10.1007/s00415-022-11018-w.
- Ghosh Md R, Roy D, León-Ruiz M, Das S, Dubey S, Benito-León J. Seropositive Neuromyelitis Optica in a Case of Undiagnosed Ankylosing Spondylitis: A Neuro-Rheumatological Conundrum. Qatar Med J. 2022;2022(3):29. 2022 Jul 7. doi:10.5339/qmj.2022.29.
- Dubey S, Chatterjee S, Ghosh R, et al. Acute onset movement disorders in diabetes mellitus: A clinical series of 59 patients. Eur J Neurol. 2022;29(8):2241-2248. doi:10.1111/ene.15353.
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Disorders in Multiple Sclerosis: An Update. Tremor Other Hyperkinet Mov (N Y). 2022;12:14. Published 2022 May 4. doi:10.5334/tohm.671.

- Ghosh R, Das S, Roy D, Ray A, Benito-León J. Moyamoya angiopathy in a case of Klinefelter syndrome. Childs Nerv Syst. 2022;38(6):1195-1199. doi:10.1007/s00381-021-05371-w.
- Ghosh R, León-Ruiz M, Das S, Dubey S, Benito-León J. Snakebite envenomation-induced posterior reversible encephalopathy syndrome presenting with Bálint syndrome. Neurologia (Engl Ed). 2023;38(6):440-442. doi:10.1016/j.nrleng.2022.06.001.
- Ghosh R, Mandal A, León-Ruiz M, et al. Rare neurological and neuropsychiatric manifestations of scrub typhus: a case series of 10 cases. Neurologia (Engl Ed). 2024;39(9):766-780. doi:10.1016/j.nrleng.2022.07.001.
- Ghosh R, Das S, De K, Dubey S, Benito-León J. Magnetic resonance imaging-negative myeloneuropathy and bilateral facial paresis unfurling systemic lupus erythematosus. Qatar Med J. 2022;2022(3):42. Published 2022 Sep 12. doi:10.5339/qmj.2022.42.
- Ghosh R, Ray A, Roy D, Das S, Dubey S, Benito-León J. Parkinsonism with akinetic mutism following osmotic demyelination syndrome in a SARS-CoV-2 infected elderly diabetic woman: A case report. Neurologia. 2022;37(8):706-708. doi:10.1016/j.nrl.2021.09.007.