

Dr Charulata Savant Sankhla, MD

Doctorate National Board of Neurology, India

Registration No: 53977/85

Current Position : Senior Faculty and Movement disorders specialist.

P. D. Hinduja National Hospital and Research Centre, Mahim, Mumbai, India.

E-mail : charusankhla@gmail.com

- Founder member and Vice President Parkinson's disease and Movement Disorders Society of India
- Founder member and Past President Movement Disorders Society of India
- Past President Bombay Neurosciences Association

Past work

Experience

Visiting Consultant: National Institute of Health, Bethesda, USA - September 2014 – November 2014
Advisor, Movement Disorders Clinic, K.E.M. Hospital

Experience

1996-1997 Baylor College of Medicine Houston, USA
Clinical Fellow, Movement Disorders

1995-1996 Barrow Neurological Institute Phoenix, USA
Visiting Fellow, Epilepsy Monitoring Unit

1992-1995 Royal Preston Hospital Preston, UK
Clinical Registrar

1992 Sir J J Group of Hospitals Mumbai India
Lecturer

1988-1992 Bombay Hospital Mumbai India
Neurology Residency

1985-1988 Sir J J Group of Hospitals Mumbai India
Internal Medicine Residency

Education

1988-1992 National Board Examinations Delhi, India
▪ Doctorate in Neurology

1985-1988 University of Bombay Mumbai, India

- M.D. (Internal Medicine)

1979-1984 University of Bombay Mumbai, India

- M.B.B.S.

Publications

- Co Editor : Parkinsons disease and movement disorders second edition (eds K Bhattacharya, Jimmy Lalkaka, Pettarusp Wadia) Jaypee Brothers **2022**
- Savant C, Rajamani K. Tropical Neurological Diseases. In Diseases of Spinal Cord. (Eds) EMR Critchley, Andrew Eisen; Springer Verlag 1996;21: 367-402.
- HTLV-1 associated myelopathy and adult T cell Leukemia-lymphoma in the same patient : a case report. Rajamani K, Rugman FP, Savant C, Vakil S D, J Neurol Neurosurg Psychiatry. 1995;59:560-1.
- Variability of the immunologic and clinical response in dystonic patients immunoresistant to botulinum toxin injections. Sankhla Savant C, Jankovic J, Duane D. Movement Disorders. 1998 Jan; 13 (1) : 150-4.
- Assessment of motor function after stereotactic pallidotomy. Ondo WG, Jankovic J, Lai E, Sankhla C et al. Neurology. 1998 Jan;50(1):266-70.
- Peripherally induced oromandibular dystonia. Sankhla C, Lai E, Jankovic J :J Neurol Neurosurg Psychiatry. 1998 Nov;65(5):722-8.
- Sleep induced neurological disorders Singhal BS, Sankhla C : 1999, API Rajasthan.
- Substantia Nigra lesions in Viral Encephalitis. Sankhla C, Jankovic J, Singhal BS, Khan MAK, Virani A. Movement Disorders. 2003 Nov;18(2):213-16.
- Epidemiology and treatment of Parkinson's disease in India. Singhal B, Lalkaka J, Sankhla C. Parkinsonism Relat Disord. 2003 Aug; 9 Suppl 2:S105:9. Review.

- Future directions in the Medical Therapy in Parkinsons disease. In Parkinsons Disease and Movement disorders. Sankhla C., Eds Mehrortra TN, Bhattacharya K : Jaypee 2005.
- Recurrent acute dystonic reaction and oculogyric crisis despite withdrawal of dopamine receptor blocking drugs.
Schneider SA, Udani V, Sankhla CS, Bhatia KP
Mov Disord. 2009 Jun 15; 24(8):1226-9
- Movement disorder: A manifestation of HIV and its response to therapy.
Sankhla CS, Soman RN, Gupta NN, Shah PV
Neurol India. 2009 Nov-Dec; 57(6):789-91
- “Psychosis in PD” SankhlaC. Annals of Indian Academy of Neurology, 2011
- Cerebral and Spinal air embolism following percutaneous nephrolithotomy
Amit Girish Kachalia, Charulata Sankhla Savant, Suhas Patil, Santosh Gupta, Farhad N. Kapadia JAPI April 2011
- Parkinson’s Disease
Behari M, Bhattacharyya KB, Borgohain R, Das SK, Ghosh B, Kishore A, Krishnan S, Mridula KR, Muthane U, Pal PK, Sankhla C, Shukla G.
Ann Indian Acad Neurol. 2011 Jul;14 (Suppl 1): S2-6
- Nonparaneoplastic anti-N-methyle-D-aspartate receptor encephalitis : a case series of four children
Raha S, Gadgil P, Sankhla C, Udani V
Pediatr Neurol. 2012 Apr; 46(4): 246-9
- A randomized study of rotigotine dose response on ‘off’ time in advanced Parkinson’s disease
J Parkinsons Dis. 2014; 4(3):361-73
- Randomized trial of safinamide add-on to levodopa in Parkinson’s disease with motor fluctuations.
Mov Disord. 2014 Feb; 29(2):229-37.

- Two-year, randomized, controlled study of safinamide as add-on to levodopa in mid to late Parkinson's disease
Mov Disord. 2014 Sep; 29(10): 1273-80.
- Non-Motor Symptoms in an Indian Cohort of Parkinson's disease patients and correlation of progression of Non-Motor symptoms for motor worsening
Dr. Faiz Ahmad, Amrita Ravan, Dr. Charulata Savant Sankhla.
Neurology India 2015, Volume 63 : 166-174
- Diagnostic accuracy of Magnetic Resonance Parkisonism Index in Differentiating Progressive Supranuclear Palsy from Parkinson's Disease and Controls in Indian Patients
Sankhla CS, Patil KB, Sawant N, Gupta S
Neurology India 2016, Volume 64 (2), 239-245
- Genetic screening of THAP1 in primary dystonia patients in India
Subhajit Giri, Charulata Savant Sankhla, Jharna Ray
Neuroscience Letters, Volume 637, January 2017, 31-37
- Oxidative stress and Parkinson's disease
Charulata Savant Sankhla
Neurology India, Volume 65, Issue 2, March-April 2017
- Paroxysmal tonic spasms as an initial manifestation of neuromyelitis optica
Sankhla CS, Patil KB.
Neurology India, Volume 65, Issue 3, May-June 2017
- Acute Pituitary Apoplexy following Snake Bite : A Rare but Treatable Complication
Narendrakumar Barad, Sankhla CS
Journal of Pediatric Neurology, 2017
- Charcot Marie Tooth disease (CMT) 2F and a novel mutation from India
Sankhla CS, Godasara Malay
Neurology India, Volume 66, Issue 2, 2018
- Pediatric Movement Disorders
Badheka R, Barad Narendra Kumar, Sankhla CS

Neurol India 2018; 66:S59-67

- The role The Role of the LRRK2 variant p.Gly2019Ser in Indian Parkinsonism patients
Sankhla CS, Jharna Ray, Shyamal K Das, Tapas Banerjee, et al
Indian Journal of Medical Research
- Novel *GNAL* mutation in an Indian patient with generalized dystonia and response to deep brain stimulation
Sanjay Pandey , Charulata Savant Sankhla, Vedam L. Ramprasad, Thenral S. Geetha
Parkinsonism and Related Disorders, 2019
- Visual symptoms in Parkinson's disease
Sankhla CS,
Neurology India, Volume 67, 2019
- Cardiac Asystole During Deep Brain Stimulation Surgery
Ninad Dhokte, Charulata S Sankhla, Chelani Ratan, Milind Sankhe
Neurology India, Volume 68, 2020
- Future Directions in the Medical Therapy of Parkinson's Disease
Charulata Savant Sankhla, Mahendra Thakre
Chapter 24, 2nd edition of the text book on Parkinson's disease and Movement disorders. 2021
- Approach to dystonia Charulata Sankhla, Narendra Barad
Chapter 5, Essentials of movement disorders: A problem based approach, Nova Medicine and Health, New York 2022
- *AOPEP* Homozygous Loss-of-Function Variant in an Indian Patient with Early-Onset Generalized Dystonia Movement Disorders Volume 37, Issue 4 p. 874-875 2022
- Segmental dystonia as the prominent phenotype resulting from a MICU1 splice variant in a new Indian case Parkinsonism and Related Disorders
PARKRELDIS-D-22-00647-2022

Presentation

- Variability of the immunologic and clinical response in dystonic patients immunoresistant to botulinum toxin injections. Sankhla Savant C, Jankovic J, Duane D; Third International Dystonia Symposium, Miami, USA. 1996
- Sankhla C, Singhal BS, Khan MAK, Virani A. Substantia Nigra lesions in Viral Encephalitis. Neurology Update, Bombay Hospital, Mumbai, 2000.
- Sankhla C, Singhal BS, Khan MAK. MRI abnormalities in Substantia Nigra in Viral Encephalitis, 7th International Congress of Parkinson's Disease and Movement Disorders. Miami, Florida, USA. 2002
- Sankhla C. Surgical Treatment in Parkinsons Disease, 6th National Conference of Indian Society for Stereotactic and Functional Neurosurgery. Mumbai. 2004
- Sankhla C, Singhal BS. Caudate nucleus abnormalities on MRI in rheumatic chorea, 8th International Congress of Parkinsons Disease and Movement Disorders, Rome, Italy. 2004
- Management of Neuropsychiatric manifestations of Parkinsons disease. Indian academy of Neurology, Bangalore, Mumbai.
- Comparison of risk factors in Parkinsons disease in Young onset and old onset parkinsons disease, Neurocon Neurological Society of India Annual Meeting, Agra 2007
- Age of onset of Parkinsons Disease and Epidemiological risk factors, XV th Annual Conference of Indian Academy of Neurology, Mumbai 2007
- Role of VEP, 10th International Congress of Parkinsons Disease and movement disorders, Japan 2007.
- Post Hypoxic Parkinsons Disease : Neurology Update Mumbai 2008

- Age of onset of Parkinsons Disease and Epidemiological risk factors, 11th Interenational Congress of Parkinsons Disease and Movement Disorders, Chicago, USA, 2008
- Recurrent acute dystonic reaction and oculogyric crisis despite withdrawal of dopamine receptor blocking drugs.
S. A. Schnider, V. Udani, C. Sawant, K. P. Bhatia; 13th International Congress of Parkinson's Disease and Movement Disorders 2009, Paris, France.
- Analysis of Age of Onset and Epidemiological Factors in Parkinson's Disease. Dr. Charulata Sankhla
18th Annual Conference of Indian Academy of Neurology 2010 Tamilnadu
- Deep Brain Stimulation Surgery in the Paediatric Population. 1st International Symposium on Treatment of Dystonia 2010, Hanovar, Germany
- Pallidal Surgery for Dystonia in Wilson's Disease. C. S. Sankhla, M. Chhabria, M. Sankhe, V. Udani, A. Ravan. 15th International Congress of Parkinson's Disease and Movement Disorders 2011, Toronto, Canada
- Evaluation of Non Motor Symptoms in Parkinson's disease and its correlation in Parkinson's disease. 15th International Congress of Parkinson's Disease and Movement Disorders. Toronto Canada 2011
- Analysis of Age of onset and epidemiological risk factors in Parkinson's disease – WFN XIX World Congress on Parkinson's Disease and Related Disorders 2012
- Paroxysmal Kinesogenic dyskinesia as an initial manifestation of neuromyelitis optica. 17th International Congress of Parkinson's disease and Movement Disorder at Sydney, Australia in June 2013.
- Genetic Analysis of TOR1A and THAP1 genes in Indian Primary Dystonia Patients.
4th Asian and Oceanian Parkinson's Disease and Movement Disorder Congress at Thailand in November 2014.

1. Invited as Faculty at MDS – AOS Rare Movement Disorder Course conducted by International Parkinson and Movement Disorder Society on 6th March – 7th March 2020 at NIMHANS, Bangalore.
2. Invited as Faculty at Virtual AOPMC 2021 organized by International Parkinson & Movement Disorder Society between 4th June – 6th June 2021.
3. MDS – AOS 4th Allied Health Course : Rehabilitation for Parkinson's disease and other Movement Disorders conducted on 24th July – 25th July 2021. (Course Director)
4. **MDS _AOS AOPMC 2023 Faculty :infections and movement disorders**

ICH-GCP Training :

- Received ICH-GCP training during Investigator's Meeting of Cervical Dystonia Study in Japan, 2006. Additional renewal in 2021
- MDS train the Trainers Program Sub-Committee in July 2021.

Professional Membership :

- Vice President Parkinson's disease and Movement Disorders Society of India
- Past President Movement Disorders Society India, Bombay Neurological society
- Neurological Society of India.
- Indian Academy of Neurology

International Membership :

1. International Parkinson's Disease and Movement disorders Society.
2. American Academy of Neurology

Honours, awards and scholarship

National Merit Scholarship awarded in recognition of meritorious candidates 1977

USMLE and ECFMG Certification. 1997

Examiner for evaluation of DM in Neurology, National Institute of Mental Health & Neuro Sciences (NIMHANS)

EXAMINER for DNB Neurology Final Practical Examination held at Hinduja Hospital, Mumbai in August 2020 and December 2020.

References :

Professor B S Singhal, MD, FRCP (London), (Edin), FAMS

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Bombay Hospital Institute of Medical Sciences
12, Marine Lines
Mumbai 400020, India.

Professor Joseph Jankovic, MD

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Houston, Texas 77030, USA