

Full Name: Dr Abhishek Srivastava

Qualifications: MBBS, MD, DNB, PhD

Current Affiliation: Neurorehab Specialist & Director, Centre for Physical Medicine & Rehabilitation, Kokilaben Dhirubhai Ambani Hospital & Medical Research Institute, Mumbai

Areas of Interest: Stroke and Brain Injury Rehabilitation, Rehabilitation Robotics, Chemodenervation for spasticity management, Hyperbaric Oxygen Therapy for Disorders of Consciousness

Achievements:

- First PhD in Neurological Rehabilitation in the country from prestigious National Institute of Neurosciences, Bangalore and underwent specialty training at best centers in United States, Europe and Singapore
- Being a Neurorehabilitation Physician, have pioneered to start India's first Comprehensive Rehabilitation set up in private healthcare at a tertiary care hospital with multidisciplinary trained team, rehab technologies like robotics and hyperbaric oxygen therapy, and providing inpatient, day care and outpatient services.
- Member at Large, Presidium, World Federation for Neurorehabilitation
- Chair, Multiple Sclerosis, Special Interest Group, World Federation of Neurorehabilitation
- Member, Scientific Committee, World Congress of Neurorehabilitation (WCNR 2018 & WCNR 2022)
- Honorary Medical Staff Member, Shepherd Medical Centre, Atlanta, USA
- World Health Organization, Guidelines Development Member, Traumatic Brain Injury
- Disability Research Group, Indian Council of Medical Research,
- Geriatric Project Review Committee, Indian Council of Medical Research
- Founder Director, Indian Federation of Neurorehabilitation
- Convener, Neurorehabilitation Subsection, Indian Academy of Neurology
- Secretary, Mumbai Association of Physical Medicine & Rehabilitation
- Editor, IAPMR Text Book
- Editor, Neurorehabilitation, Repair and Regeneration
- Organizing Secretary, VIII World Congress of Neurorehabilitation (WCNR 2018)
- Organizing Secretary, IV Asia Oceania Conference of Neurorehabilitation (AOCNR 2021)

Awards:

- Dr M V Sant Memorial Oration on Foundation Day of All India Institute of Physical Medicine & Rehabilitation, Mumbai, November 2016
- Prof Navnendra Mathur Award for Best Published Paper from IAPMR, January 2017 for paper: Srivastava A, Taly AB, Gupta A, Murali T. Bodyweight Supported Treadmill Training in Chronic Stroke Survivors: A Randomized Control Trial. Annals of Physical Medicine & Rehabilitation. 2016;59:234-241
- IAPMR DADHAICHI AWARD for Best Research Work “Robotics in Neurorehabilitation” at XXXXIII Annual National Conference of Indian Association of Physical Medicine And Rehabilitation, Trivandrum, India, January 2015
- BEST PAPER IN NEUROLOGY “Depression in Post Stroke Aphasia: Prevalence and Relationship with Disability in Stroke Survivors” at Annual National Conference of Neurological Society of India (NEUROCON 2012), New Delhi, India, December 2012
- BEST PAPER AWARD for “Gait Analysis in Normal Pressure Hydrocephalus (NPH): Characteristics and Which Parameters respond to the Cerebrospinal Fluid (CSF) Tap Test?”, III International Congress on Neurology & Rehabilitation, Chennai, India, January 2012
- BEST PAPER IN NEUROLOGY for “Rehabilitation Intervention in Chronic Stroke Survivors: Do They Improve Locomotor Outcome” At 58th Annual Conference of Neurological Society of India, Lucknow, India, January 2009
- DR W G RAMA RAO TRAVELLING FELLOWSHIP FROM IAPMR, 2009
- DR ANISYA VASANTH AWARD for Best Invited Lecture “Body Weight Supported Treadmill Training in Improving Gait After Stroke” At XXXVI Annual National Conference Of Indian Association of Physical Medicine And Rehabilitation, Hyderabad, India, January 2008
- YOUNG PHYSICIAN SCHOLARSHIP AWARD FROM WORLD STROKE ORGANIZATION, for III Annual Conference of World Stroke Organization, Vienna, Austria, Sept 2008
- ASIAN STROKE FORUM TRAVELING FELLOWSHIP, for II Conference of Asian Stroke Forum (ASF2007), Kyoto, Japan, Sept 2007
- INTERNATIONAL ACADEMY OF MEDICAL SCIENCE TRUST (IAMST) TRAVELING FELLOWSHIP, for International Conference on Neurology and Rehabilitation (ICNR 2007), New Delhi, India, March 2007
- ASIA PACIFIC STROKE SOCIETY TRAVELING FELLOWSHIP, for Asia Pacific Congress Against Stroke (APCAS2007), New Delhi, India, March 2007
- T S SRINIVASAN TRAVELING FELLOWSHIP, for Annual Courses in Clinical Neurosciences 2007, Chennai, India, February 2007
- IAPMR GOLD MEDAL FOR BEST RESEARCH PAPER AWARD for Paper “Clean Intermittent Catheterization in Spinal Cord Injured Paraplegics with Clean Cloth And Lubricant Technique” At XXXII Annual National Conference Of Indian Association Of Physical Medicine And Rehabilitation, Calicut, India, February 2004

Publications:

Book Contributions / Chapters

- **Abhishek Srivastava**, Nirmal Surya, Guhan Ramamurthy. Assessment of Balance and Gait, Textbook Indian Academy of Neurology, Jaypee Publishers (Accepted)
- Nirmal Surya, **Abhishek Srivastava**, Guhan Ramamurthy. Neurorehabilitation: Principles and Practice, Textbook Indian Academy of Neurology, Jaypee Publishers (Accepted)
- **Abhishek Srivastava**, Faiz Mohammed. Rehabilitation in Persons with Disorders of Consciousness, In, IAPMR Text Book, Indian Association of Physical Medicine & Rehabilitation (Accepted)

Abhishek Srivastava, Faiz Mohammed. Recent Advances in Neurorehabilitation in Traumatic Brain Injury, In. Neurosurgery Updates: Critical Care for Neurosurgeons (2023) Vol 3, Neurological Society of India, Panigrahi M (eds), ISBN 978-93-92819-99-5, 133-144

- Nirmal Surya, **Abhishek Srivastava**, Faiz Mohammed, Hitav Someshwar. Rehabilitation in Movement Disorders. In, Reviews in Neurology 2020, L Narsimhan (eds), IAN Publications, 280-291
- Nirmal Surya, **Abhishek Srivastava**. Stroke Rehabilitation. In, Reviews in Neurology 2019 Stroke, L Narsimhan (eds), IAN Publications, ISBN 979-93-893355-77-4, p295-307
- **Abhishek Srivastava**, AB Taly. Falls in Elderly. In. Reviews in Neurology 2008, S Prabhakar, AB Taly (eds), IAN Publications, Haryana, 81-108
- **Abhishek Srivastava**, AB Taly. Peripheral Neuropathies: A Rehabilitation Approach, In. Progress in Clinical Neurosciences. V Rajashekhar, KB Bhattacharyya (eds), Neurological Society of India Vol. XXI, 2007, 271-314
- **Abhishek Srivastava**, AB Taly. Multiple Sclerosis: A Rehabilitation Approach. In. Reviews in Neurology 2007, S Prabhakar. A B Taly (eds), IAN Publications, Chandigarh, 250 - 282
- **Abhishek Srivastava**. Disability Acts, Benefits and Guidelines for Evaluation of Various Disabilities And The Process Of Certification. In. Regeneration, Repair & Rehabilitation: Redefined. AB Taly, Abhishek Srivastava, T Murali, KPS Nair, BM Maheshwarappa (Eds), NIMHANS Pub, Bangalore, 2006, 266-289

Research Publications

- Varalika Sharma, Navita Purohit Vyas, Sanjeev Sharma, Raghuram Sekhar, Abhishek Srivastava. Thoracic Outlet Syndrome – Do we Need to Look for Something Else? Journal of Recent Advances in Pain, Jan-Apr21, issue 1, vol 7
- Abhishek Srivastava, Aishwarya Swaminathan, Manigandan Chockalingam, Murali Krishnan Srinivasan, Nirmal Surya, Partha S Ray, et al. Feasibility of Tele-neurorehabilitation for Persons

with Neurological Disabilities during the COVID-19 Pandemic in Low- and Middle-Income Countries. *Front. Neurol.* 2021, 12:667925.doi: 10.3389/fneur.2021.667925

- Dhamija A, Srivastava A et al. Neurorehabilitation during COVID-19: Position Statement of the Indian Federation of Neurological Rehabilitation (IFNR). *Annals of Indian Academy of Neurology* 2021 doi: 10.4103/aian.AIAN_997_20
- Surya N, Srivastava A, Nagda T, Palande D and Someshwar H. Education, Training, and Practices of Neurorehabilitation in India During the COVID-19 Pandemic. *Front. Neurol.* 2021, 12:626399. doi: 10.3389/fneur.2021.626399
- Azhar Kalliyath, Abhishek Srivastava, Navita Vyas. Platelet Rich Plasma Injection as Additional Intervention to Suprascapular Nerve Block in Post Stroke Shoulder Pain. *Physiotherapy* 2021, 15: S16-17
- Sabir Pottichi, Navita Vyas, Abhishek Srivastava. USG Guided Botulinum Toxin for Upper Esophageal Sphincter Spasm in Neurogenic Dysphagia. *Physiotherapy* 2021, 15: S25
- Aastik Pankajkumar Bhatt, Sabir Pottichi, Navita Vyas, Abhishek Srivastava. Transcutaneous Electrical Nerve Stimulation for Overactive Bladder Symptoms: A Case Study. *Physiotherapy* 2021,15: S26
- Faiz Mohammed, Navita Vyas, Abhishek Srivastava. Sonographic Evaluation of Affected Shoulder in Patients with Hemiplegia following Stroke. *Physiotherapy* 2021, 15: S27
- J Jaykar, Navita Vyas, Abhishek Srivastava. Spectrum of COVID 19 in Tertiary Care Neurorehabilitation Centre. *Physiotherapy* 2021, 15: S28
- Navin Kumar, Astha Patni, Navita Purohit, Abhishek Srivastava, Navnendra Mathur. Long Term Follow up after Spinal Cord Injury: Case Series from a Tertiary Centre in Northern India. *Int Journal of Scientific Research.* 2019; 8:66-69
- Nadia Mohd, Mustafah, Natiara Mohamad Hashim, Srivastava A, et al. Botulinum Toxin – A: Defining an Upper Limb Spasticity Assessment and Plan of Management. *Journal of Clinical and Health Sciences*, Vol 4 Issue 1(S) 2019
- Navita Purohit, Abhishek Srivastava. Ultrasound Guided Suprascapular Nerve Block in Post Stroke Shoulder Pain. *Neurorehabilitation and Neural Repair* 2018, Vol. 32(4-5): 327
- Abhishek Srivastava, Navita Purohit, Sanjiv Badhwar, Ankita Bhutada. Role of Botulinum Toxin in the Management of Upper Esophageal Sphincter Spasm in Patients with Neurogenic Dysphagia: A Case Series. *Neurorehabilitation and Neural Repair* 2018, Vol. 32(4-5): 352
- Ashish Vijay Kasbe, Abhishek Srivastava, Navita Purohit. Effects of Music Therapy Intervention in Rehabilitation of Patients Diagnosed with Non- Progressive Brain Disorders. *Neurorehabilitation and Neural Repair* 2018, Vol. 32(4-5): 358
- Navita Purohit, Abhishek Srivastava. Hypoxic Encephalopathy: Is It That Bad! *Neurorehabilitation and Neural Repair* 2018, Vol. 32(4-5):379

- Abhishek Srivastava, Navita Purohit. Malignant MCA Infarction: A Catastrophe for Stroke Rehabilitation. *Neurorehabilitation and Neural Repair* 2018, Vol. 32(4-5):379-380
- Kouri PK, Sekhar R, Srivastava A, Attar A, Shah J. Interim results of a study of the effect of hyperbaric oxygen therapy on healing of chronic leg ulcers. *J Mar Med Soc* 2017; 19:72-73
- Abhishek Srivastava. Robotic Assisted Gait Training for Patients with Neurological Disorders. *Stroke Talk XXIII, Stroke Rehabilitation: How Intense and How Long?* 2017; Issue 23, 1-2
- Srivastava A, Taly AB, Gupta A, Murali T. Bodyweight Supported Treadmill Training in Chronic Stroke Survivors: A Randomized Control Trial. *Annals of Physical Medicine & Rehabilitation*. 2016;59:234-241
- Srivastava A, Taly AB, Gupta A, Murali T. Rehabilitation interventions to improve locomotor outcome in chronic stroke survivors: A prospective, repeated measure study. *Neurology India* 2015;63, 10.4103/0028-3886.158202
- Mathur N, Jain S, Kumar N, Srivastava A, Purohit N, Patni A. Spinal Cord Injury: Scenario in an Indian State. *Spinal Cord* 2014 Sep16.doi:10.1038/sc.2014.153
- Abhishek Srivastava, AB Taly, A Gupta, T Murali. Post Stroke Depression: Prevalence and Relationship with Disability in Chronic Stroke Survivors. *Annals of Indian Academy of Neurology* 2010;13:123-127
- Abhishek Srivastava, AB Taly, A Gupta, A Moin, T Murali. Guillain Barre Syndrome Following Snake Bite: An Unusual Complication. *Annals of Indian Academy of Neurology* 2010;13:67-68
- A Gupta, AB Taly, Abhishek Srivastava, T Murali. Guillain Barre Syndrome: Rehabilitation Outcome, Residual Deficits and Requirement of Lower Limb Ortopics for Locomotion at 1 yr Follow up. 2010; 32:1897-1902
- Abhishek Srivastava, A Gupta, AB Taly, T Murali. Surgical Management of Pressure Ulcers during Inpatient Neurological Rehabilitation: Outcomes for Patients with Spinal Cord Disease. *Journal of Spinal Cord Medicine* 2009; 32(2): 125-131
- Abhishek Srivastava, AB Taly, A Gupta, S Kumar, T Murali. Post stroke Balance Training: Role of Force Platform with Visual Feedback Training. *Journal of Neurological Sciences* 2009; 287:89-93
- A Gupta, AB Taly, Abhishek Srivastava, T Murali. Non Traumatic Spinal Cord Lesions: epidemiology, complications, neurological and functional outcome of rehabilitation. *Spinal cord* 2009; 47(4): 307-311
- Abhishek Srivastava. *Stroke: Recovery, Repair and Rehabilitation*. *Stroke Talk I, Indian Stroke Association*, October 2009, Page 7
- A Gupta, AB Taly, Abhishek Srivastava, T Murali. Urodynamics Post stroke in Patients with Urinary Incontinence: Is there Correlation between Bladder Type and Site of Lesion. *Annals of Indian Academy of neurology* 2009;12:104-107

- Abhishek Srivastava, A Gupta, P Murthy, T Murali. Catatonia with multiple pressure ulcers: An Rare Complication in Psychiatric Setting. *Indian Journal of Psychiatry* 2009; 51: 217-219
- A Gupta, AB Taly, Abhishek Srivastava, T Murali. Efficacy of Pulsed Electromagnetic Field Therapy in Healing of Pressure Ulcers. *Neurology India* 2009; 57: 622-626
- Abhishek Srivastava, A Gupta, AB Taly, T Murali. Post Stroke Balance Training: Role of Dynamic Posturography. *Journal of Stroke & Cerebrovascular Accident* 2008; 17(5): S73
- Abhishek Srivastava, A Gupta, AB Taly, T Murali. Post Stroke Gait Training: Role of Body Weight Supported Treadmill Training. *Journal of Stroke & Cerebrovascular Accident* 2008; 17(5): S41
- Abhishek Srivastava, AB Taly, A Gupta, ML Noone, T Murali, J Thirthahalli, BN Gangadhar, K Kumar, PN Jayakumar. Stroke with Supernumerary Phantom Limb: A Lady with Multiple Arms. *International Journal of Stroke* 2008; 3(S1): 149-150.
- Abhishek Srivastava, AB Taly, A Gupta, S Kumar, T Murali. Force Platform with Visual Feedback Training in Improving Balance after Stroke. *International Journal of Stroke* 2008; 3(S1): 355.
- Abhishek Srivastava, AB Taly, A Gupta, S Kumar, T Murali. Role of Body-weight Supported Treadmill Training in Retraining Gait after Stroke: A Randomized Controlled Study. *International Journal of Stroke* 2008; 3(S1): 360
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- Abhishek Srivastava, AB Taly, A Gupta, ML Noone, T Murali, J Thirthahalli, BN Gangadhar, Keshav Kumar, PN Jayakumar. Stroke with Supernumerary Phantom Limb: Case Study, Review of Literature and Pathogenesis. *Acta Neuropsychiatrica* 2008; 256-264
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- A Gupta, AB Taly, Abhishek Srivastava, T Murali. Traumatic vs. Non-Traumatic Spinal Cord Lesion: Comparison of Neurological and Functional Outcome after Inpatient Rehabilitation. *Spinal Cord* 2008; 46: 482-487
- A Gupta, AB Taly, Abhishek Srivastava, T Murali. "Quality of Life & Psychological problems in Patients Undergoing Neurological Rehabilitation at a Tertiary Center". *Annals of Indian Academy of Neurology* 2008;11: 225-230
- Abhishek Srivastava, A Gupta, Ravi Kumar, T Murali, BN Gangadhar. Salvaging a Psycho-Flexed Hand. *Indian Journal Physical Medicine & Rehabilitation*, 2008; 19(1): 18-20
- A Gupta, AB Taly, Abhishek Srivastava, T Murali. Urodynamic Profile in Myelopathies: A Follow-up Study. *Annals of Indian Academy of Neurology* 2008;12:35-39

- Abhishek Srivastava, A Gupta, Ravi Kumar, BN Gangadhar, T Murali. A Rare Case of Psycho-Flexed Hand. *Acta Neuropsychiatrica* 2008; 20 (3): 157–158
- Anupam Gupta, Abhishek Srivastava, Arun B Taly, Murali Thyloth. Single-Stage Multilevel Soft-Tissue Surgery in the Lower Limbs with Spastic Cerebral Palsy: Experience from a Rehabilitation Unit. *Indian Journal of Orthopaedics* 2008;4: 358-36
- Abhishek Srivastava, N Mathur. Bladder Management Outcome after Spinal Cord Injured Patients: A Prospective Study. *Indian Journal of Physical Medicine & Rehabilitation* 2008; 19(2): 43-47
- Abhishek Srivastava, A Gupta, AB Taly, T Murali. Surgical Reconstruction of Pressure Ulcers in Patients with Spinal Cord Diseases: A Prospective Study *Indian Journal of Physical Medicine & Rehabilitation* 2008; 19(2): 27-31
- T Murali, Abhishek Srivastava. Book Review: Cerebral Palsy – A Manual for Therapists, Parents and Caregivers. *Indian Journal of Medical Research* 2007; 126 (3): 234-235
- Abhishek Srivastava. Evaluation of Neurological Disability. *Journal of Postgraduate Medical Education, Research and Training* 2007; 2 (4): 3-5
- Abhishek Srivastava. Functional Restoration Following Stroke: Role of Physical Strategies. *Journal of Postgraduate Medical Education, Research and Training* 2007; 2 (4): 12-16
- Abhishek Srivastava. Stroke Rehabilitation. *Journal of Postgraduate Medical Education, Research and Training* 2007; 2 (4): 6-11
- Abhishek Srivastava. Leprosy: Principles of Rehabilitation. *Journal of Postgraduate Medical Education, Research and Training* 2007; 2(3): 3-6
- Abhishek Srivastava, AB Taly, DN Nagaraja. Stroke Rehabilitation: A Neurologist Perspective. *Souvenir of Regional Asian Stroke Congress & I National Congress of Indian Stroke Association, 2006*
- T Murali, AB Taly, Abhishek Srivastava. Neurological Legal Disability. *Annals of Indian Academy of Neurology* 2006; 9(3):184-86

Member of IAN since: 2007

Member of Subsection since: 2010

Contributions to Subsection:

Being Convener of the Neurorehabilitation Subsection of the Indian Academy of Neurology, for 4 years, and Chair since November 2022, we are now one of the largest subsection of the Academy with 300 active members.

All members are accredited and active members of the WFNR.

Even during the COVID 19 pandemic and lockdown, we had pursued dissemination of knowledge to young team members by conducting International Webinar Series, and 4 weeks Certified courses for Stroke Rehab, 3D Gait Analysis and Spasticity Management.

Conducting public awareness programs on World brain day and all disease specific days including Stroke, Traumatic Brain Injury, Multiple Sclerosis, Parkinson's Disease and Dementia throughout the year.

Started Neurorehab Initiative of the Year Award at the Academy in 2020.

Jointly Developed Online Knowledge Repository (KAR) with IFNR to access all relevant tools and scales used in neurorehab practice, academics and research.

Working actively for the Guidelines Development Groups of the Academy and have formed teams to work on two; Disorders of consciousness and Teleneurorehabilitation.

Organized scientific symposiums on the burning topics of neurorehab in the last 5 conferences of the academy to spread awareness and knowledge among the younger colleagues.

Actively pursued academic and research activities and have jointly organized Annual National Conference of the Indian Federation of Neurorehabilitation (IFNRCON) in the month of April every year for last 5 years, World Congress for Neurorehabilitation (WCNR 2018), Asia Oceania Conference of Neurorehabilitation (AOCNR 2021), and WFNR/AOCNR Certified 7 Full days Neurorehabilitation Course.

Spread the good work done at the academy and have many of our members have presented their work at the International level at World Conference of Neurorehabilitation as Faculty and research papers.

Why do you want to become Chair of the Subsection:

I would like to contribute under kind guidance of the Members of the Executive Committee and Senior Members to propagate the Ethos of IAN and to uplift the Neurorehabilitation Service Delivery in the fields of:

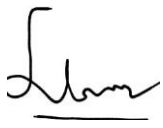
Clinical Practice: Expansion of Scope of Multidisciplinary Neurorehabilitation Services to across the country and low and middle income countries, and strengthen the neurorehabilitation services with evidence based practice.

Education: Design 4 week Certified Course for Neurorehabilitation and One Year Fellowship in Neurorehabilitation. This will help to bridge the gap in availability of manpower in our country and create evidence based neurorehab centers in low resource setting. Plan to bring out Indian Text book of Neurorehabilitation.

Research: To formulate domain specific early rehabilitation programs and guidelines for low cost models of multidisciplinary Neurorehabilitation. Design and be part of the multi-centric clinical trials to evaluate the efficacy of newer therapeutic modalities in Neurorehabilitation.

Collaboration: Liaise with other International Organizations like WFN, ISPRM, and others to improve Neurorehabilitation service delivery, creating evidence based practice models and cross cultural and translational research in our country. Collaborate with WHO The Rehabilitation 2030 initiative to ensure that Neurorehabilitation services should be available for all the population and through all stages of the life course, efforts to integrate rehabilitation into all levels of health care and Neurorehabilitation becomes an essential health service and crucial for achieving universal health coverage.

Kindly provide me an opportunity to contribute in uplifting the scope and spectrum of Neurorehabilitation service delivery, clinical practice, education and research in this era of evidence based medicine in the country.



Dr Abhishek Srivastava

15/06/23