


Curriculum Vitae

Personal Information

Title	Dr	
Name	Husnul Mubarak	
Degree	MD., Ph.D., MPM&R., FEMG.	
Country	Indonesia	
Affiliation	Physical Medicine & Rehabilitation of Medical Rehabilitation Installation RSUP Dr. Wahidin	

Education

- Doctoral Program in Medical Science, Faculty of Medicine Hasanuddin University, Makassar (2020 – 2024)
- Fellowship of Clinical Electrodiagnostics (FEMG) The Collegium of Indonesian Physical Medicine and Rehabilitation (2022)
- Neuromuscular Subspecialty Collegium of Indonesian Physical Medicine and Rehabilitation (2020)
- Specialist Program in Physical Medicine and Rehabilitation, Faculty of Medicine Airlangga University, Surabaya (2010 – 2015)
- Medical Doctor Hasanuddin University, Makassar (2004 – 2009)



Certification And Licenses

- Botox Injection for Spasticity and Neurological Disorders'
- General Physical Medicine and Rehabilitation
- Neurorehabilitation Subspecialty - Physical Medicine and Rehabilitation
- Clinical Electrodiagnostician

Skills

Clinical Skills

- Neurological Rehabilitation for Parkinson's, Stroke, SCI, TBI, and BPI
- Botulinum Toxin Injections for Spasticity Management
- Neuroplasticity-Based Therapies: Bobath, NDT, and PNF Techniques
- Speech Therapy for Aphasia, Cognitive Impairments, and Dysphagia
- Posture, Gait, and Motion Analysis
- Bowel and Bladder Rehabilitation Protocols
- Ankle-Foot Orthoses Prescription



Technical Skills

- Electrical Stimulation & Biofeedback Therapy • Robotic Rehabilitation Systems
- Telerehabilitation Platforms and App-Based Programs

Research and Academic Skills

- Clinical Research and Publication Writing
- Mentorship for Medical Students and Residents
- Workshop Development and Delivery

Work Experiences

Consultant Physician in Physical Medicine & Rehabilitation (PM&R) (2015 – Present)

- Lead rehabilitation programs for Parkinson's Disease, Stroke, SCI, TBI, and BPI patients, incorporating advanced therapies like robotic rehabilitation and neuroplasticity-based techniques.
- Oversee stroke physiotherapy and supervise multidisciplinary teams, including physical and speech therapists, to manage aphasia, cognitive impairments, and dysphagia.



- Expert in botulinum toxin injections for spasticity management and other neurological conditions.
- Develop and implement bowel and bladder rehabilitation protocols for neurogenic dysfunctions.
- Prescribe and customize Ankle-Foot Orthoses (AFO) for gait correction and functional improvement.
- Perform posture, gait, and motion analyses using advanced tools and techniques.
- Innovated telerehabilitation protocols using app-based platforms to enhance accessibility for remote patients.
- Perform NCS-EMG in peripheral neuropathy and analyze results.

Key Achievements:

- Introduced robotic rehabilitation programs, leading to improved patient outcomes in stroke and SCI recovery.
- Established protocols for electrical stimulation and biofeedback for anorectal malformation and Hirschsprung's disease.
- Delivered workshops on neuroplasticity exercises (Bobath, NDT, PNF) for PM&R professionals.



Head of the Department of Physical Medicine and Rehabilitation Faculty of Medicine, Hasanuddin University (2018 – Present)

- Lead and manage all activities in the Department of Physical Medicine and Rehabilitation, including teaching, research, and clinical services.
- Develop and design the curriculum for medical students in the field of physical medicine and rehabilitation.
- Supervise and evaluate the performance of faculty and academic staff to ensure high-quality education and research.
- Collaborate with hospitals and other healthcare facilities to enhance practical training programs for students and provide the best medical rehabilitation services for patients.
- Lead research in the field of physical medicine and rehabilitation to improve the quality of life for patients with physical disabilities or musculoskeletal disorders.
- Manage the department's budget and resources, and organize academic schedules and activities, including seminars and workshops in the field of physical medicine.



- Serve as a liaison between the department, faculty, university, and other external partners to expand collaboration and research networks.
- Enhance the quality of rehabilitation healthcare services through innovations in procedures and medical technologies applied in hospitals or related facilities.

Physical Medicine and Rehabilitation of Medical Rehabilitation Installation RSUP Dr. Wahidin Sudirohusodo (2016 - Present)

- Develop and implement medical rehabilitation programs for patients with various medical conditions.
- Collaborate with the medical team, including specialists and nurses, in designing rehabilitation plans tailored to the patient's condition.
- Provide training and education to patients and their families regarding the required medical rehabilitation programs.
- Conduct regular evaluations of patient progress and report therapy outcomes to the medical team.
- Prepare administrative reports related to the implementation of medical rehabilitation and clinic activities.



Scientific Work

- 2018: Main Lecture - The Overview of Orofacial Pain Rehabilitation: Review on Most Recent Researches; Temu Ilmiah Kedokteran Gigi 2018, Makassar.
- 2018: Scientific Poster Presentation - The Pain Relieving Effect Of Kinesiotaping On Dental Pain: A Placebo-Controlled Trial; Proceedings of ISPRM 2018, Paris.
- 2018: Scientific Poster Presentation - Effective Rehabilitation Program Of The Neglected Upper Brachial Plexus Injury Patient With Post Dorsal Latissimus Tendon Transfer By Myobiofeedback Exercise: A Case Report; Proceedings of ISPRM 2018, Paris.
- 2018: Scientific Poster Presentation - Rehabilitation Of Orofacial Pain Faces Progress: Overview Of Current Advances In Orofacial Rehabilitation; Proceedings of ISPRM 2018, Paris.
- 2018. Book Chapter. Electromyography (EMG) feedback approach to managing trauma from occlusion chronic pain. ISBN : 978-153614043-9.
<https://www.scopus.com/record/display.uri?eid=2-s2.0-85058389362&origin=inward&txGid=3fd44a15b83756c90d01bbc9cefdae31>



- 2019: Participant - Asian Spinal Cord Network (ASCoN) Training of Trainers: Spinal Cord Injury Rehabilitation Basic Management Skills; International Spinal Cord Society (ISCOS), Kuala Lumpur, Malaysia.
- 2020. Correlation of fugl-meyer assesment score with barthel index and functional independence measure in patients with stroke (Article). Indian Journal of Forensic Medicine and Toxicology.
- 2021. Describing Community-Based Rehabilitation Services in Indonesia by Using The International Classificaition of Service Organization in Rehabilitation 2.0. Journal of Rehabilitation Medicine. <https://doi.org/10.2340/16501977-2804> (Q1 Journal)
- 2024: Scientific Paper Presentation - Effectivity and Cost-Benefit of Telerehabilitation on Stroke Patient: A Systematic Review; Proceeding of ISPRM 2024, Sydney.
- 2025: Enhancing Hand Motor Recovery Post-Stroke: A Comparative Study of Robotic vs. Conventional Mirror Therapy. Archives of PMR. <https://doi.org/10.1016/j.apmr.2024.11.008> (Q1 Journal)