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### **Curriculum Vitae**

Personal Information		
Title	Prof.	
Name	Widjajalaksmi Kusumaningsih	
Degree	Dr. dr., Sp.K.F.R., N.M. (K)., MSc.	
Country	Indonesia	
Affiliation	Department of Physical Medicine and Rehabilitation, Faculty of Medicine, University of Indonesia	







# Education

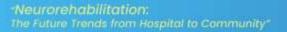
- 1980 Medical Doctor, Faculty of Medicine, Universitas Indonesia (FKU), Jakarta, Indonesia
- 1987 One-Year Training n Rehabilitation Medicine, National University of Singapore and Tan Tock Seng Hospital, Singapore (WOC Scholarship)
- 1989 Training in Rehabilitation Medicine as Research Fellow, Loma Linda University, California, USA
- 1990 Residency Program in Physical Medicine and Rehabilitation, FKUI, Jakarta, Indonesia
- 1992 Master of Science (MSc) in Physiology, Loma Linda University, California, USA (USAID Scholarship)
- 2005 Doctorate, FKUI, Jakarta, Indonesia
- 2010 Consultant in Neuromuscular Rehabilitation, IIndonesian Collegium of Physical Medicine and Rehabilitation
- 2020 Professor in Physical Medicine and Rehabilitation

Academic Positions and Organizational Affiliations

- 2011 Present: Member, World Federation for Neurorehabilitation
- 2016 Present: Active Member, American Society of Neurorehabilitation (ASNR)









- 2018 Present: Member, International Society of Physical & Rehabilitation Medicine (ISPRM)
- 2018 Present: Member, Neuroscience and Brain Development Cluster, IMERI Faculty of Medicine, Universitas Indonesia
- 2020: Reviewer, The Indonesian Journal of Physical Medicine and Rehabilitation
- 2022 Present: Head of Physical Medicine and Rehabilitation Residency Program, Faculty of Medicine, Universitas Indonesia
- 2022 2024: Expert Team (Peer Group), Neuromuscular Subspecialty, IKFRI
- 2023 2026: Expert, Central Executive Board, Indonesian Haji Medical Association(PERDOKHI)
- 2023 2024: Board Member, SIG Neuromuscular Rehabilitation, PP PERDOSRI
- 2023: Member, Revision Committee for Specialist Education Standards
- Corresponding Member: American Academy of Physical Medicine and Rehabilitation (AAPMR)





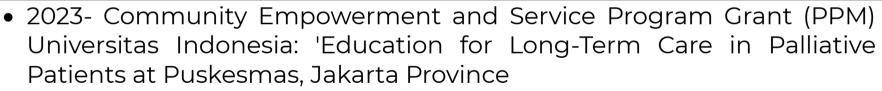


#### **Research Grants**

- 2013- PDUPT Grant: Applied Higher Education Excellent Research Grant titled "Set Up Design, Development & Customized Manufacturing of Artificial Knee Joint Prosthesis Based on Rapid Prototyping (Case Study of Total Knee Replacement).
- 2017-2018 PDUPT Grant: Basic Higher Education Excellent Research Grant titled Neuroplasticity in Phantom Limb Phenomenon After Limb Amputation Due to Trauma: Preliminary Study.'
- 2018-2019 PDUPT Grant: Basic Higher Education Excellent Research Grant titled "The Effect of Combined Centella Asiatica Extract and\_ Intermittent Fasting on Cognitive Function: A Study of AMPA Receptor, NMDA Receptor, and Synaptophysin Expression.'
- 2019 PITTA Grant: Indexed International Publication Grant for Undergraduate Thesis, Universitas Indonesia, titled "The Role of Rehabilitation in Neuroplasticity as a Recovery Approach in Stroke Patients.
- 2022- Kemendikbud Ristek Basic Partnership Research Scheme (RKD): 'Al-Based E-Care System for Assisting Patients with Dementia







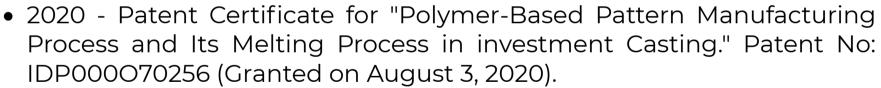
 2024 - Community Empowerment and Service Program Grant (PPM) Universitas Indonesia: 'Community-Based Rehabilitation: Long-Term Care Education for Palliative Patients at Puskesmas in DKI Jakarta Province, Sudinkes East Jakarta

### **Awards & Recognition**

- 2013 Patent Granted for Socket Prosthesis for Above-Knee Amputation Made of Natural Fiber Composite and Its Manufacturing Process. Patent No: HKI-3-HI 05.02.046552 (Granted on November 11, 2013).
- 2016 DIIB Award in the Intellectual Property Registered Patent Category for "Polymer-Based Pattern Manufacturing Process in Investment Casting and Its Melting Process." Patent No: 001/P/HKI/2000 (Granted on February 11, 2016), Universitas Indonesia.
- 2017 Top 50 Best Works at INDOHCF Innovation Awards 2017 in the Medical Device Innovation Category (Prosthesis).
- 2018 Certificate of Appreciation for Active Participation in Post-Earthquake Medical Rehabilitation Program in Lombok







- 2023 Patent Certificate for "Diaphragm Training Manual (Standard and Modified) and Its Measurement Method." Patent No: EC00202311324 (Granted on February 6, 2023).
- 2025 Patent Certificate for "Senandung Raga di Atas Kursi Roda-Jakarta" Patent No: EC002025056925, (Granted on May 27, 2025)

# **Publications/Book Chapters**

- 2017 Kusumaningsih W, Rachmayanti S, Werdhani RA. Relationship between risk factors and activities of daily living using modified Shah Barthel Index in stroke patients. J Phys Conf Ser. 2017;884:012151.
- 2018 Kusumaningsih W, Purba JS, Bachtiar A. Referred phantom limbs sensation, telescoping, phantom limb pain and pre-amputation pain experience in adults traumatic limb amputee. Ann Phys Rehabil Med. 2018 Jul;61(Suppl):e379-80,
- 2018 Kusumaningsih W, Murdana N, Purba Wanarani A. Rehabilitation strategies after 2004 Aceh earthquake and tsunami disaster in Indonesia: Case report. Ann Phys Rehabil Med. 2018 Jul;61/(Suppl)e520





- 2018 Kusumaningsih W, Purba J, Bachtiar A. Prosthesis use related to phantom limb phenomenon for better quality of life. Adv Sci Lett. 2018 Sep;24(9):6832-6.
- 2019 Kusumaningsih W, Lestari NI, Purba H. The association between location of brain lesion and findings of flexible endoscopic evaluation of swallowing (FEES)in stroke patients: which exercise is beneficial? Presented at: KONAS XI and PIT XVII PERDOSRI; 2019 Mar.
- 2019 Kusumaningsith W, Triangto K, Harris S. Gait turning patterns in chronic ischemic stroke males and its relationship to recovery: A cross-sectional study. Medicine (Baltimore). 2019 Sep:98(38):e17210.
- 2019 Kusumaningsih W, Lestari NI, Harris S, Tamin S, Werdhani RA. The effectivity of pharyngeal strengthening exercise, hyolaryngeal complex range of motion exercise, and swallowing practice in swallowing function of ischemic stroke patients with neurogenic dysphagia. J Exerc Rehabil. 2019 Dec;15(6):769-74.
- 2022 Hong H, Kusumaningsih W, Kurniawan M, Friska D. Comparing the Graded Repetitive Arm Supplementary Program (GRASP) Exercise and Modified Constraint-Induced Movement Therapy (MCIMT) on the Upper Limb Function of Ischemic Stroke Patients: A Randomized Controlled Trial. In: The 6th Annual International Conference and





Exhibition on Indonesian Medical Education and Research Institute (6th ICE on IMERI) 2021. Nova Science Publishers; Chapter 4.

- 2022 Hong H, Kusumaningsih W. Hand Dominance, Brain Lateralization, and BDNF Serum Level in Post-Stroke Patients: A Preliminary Study. In: The 6th Annual International Conference and Exhibition on Indonesian Medical Education and Research Institute (6th ICE on IMERI) 2021. Nova Science Publishers; Chapter 7.
- 2023- Mesiano T, Al Rasyid, Gayatri A, Kusumaningsih W, Witjaksono F, Herqutanto H, Amalia L, Karuniawan A, Andarwulan N, Harris S. Stability of anthocyanin content in various processed purple sweet potatoes. Acta Univ Agric Silvic Mendel Brun. Oct;71(6):21.
- 2024 Setiawan Nasrun MW, Kusumaningrum P, Malik K, Kusumaningsih W, Harimurti K, Prawiroharjo P, Mardhiyah FS, Matanta RH, Lalenoh LAP, Kiasat SK. Technological acceptance and features needed in mobile health apps development for people living with dementia and their caregivers in Indonesia. Informatics for Health and Social Care. 2024;49(2):99-115n
- And numerous contributions as primary author, co-author, and reviewer in both national and international peer-reviewed journals.

