


Curriculum Vitae

Personal Information		
Title	Dr	
Name	Amelia Nur Vidyanti	
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Country	Indonesia	
Affiliation	Department of Neurology, Dr. Sardjito General Hospital	
Education Background		
<ul style="list-style-type: none">• Universitas Gadjah Mada – Medical Doctor Program, 2005–2009• Universitas Gadjah Mada – Neurology Residency Program, 2013–2017• Taipei Medical University – Neuroscience, 2017-2020		



Research

- 2017 - Karakteristik Demografis Dan Profil Klinis Penderita Demensia Dan Pengasuhnya Di Rsup Dr. Sardjito Yogyakarta Pada Tahun 2016
- 2021 - Manifestasi Neurologis infeksi COVID19
- 2021 - Algoritma machine learning untuk skrining COVID19
- 2022 - Profil Kesehatan Sosial dan Hubungannya dengan Fungsi Kognitif pada Pasien Demensia
- 2023 - Leukoaraiosis Sebagai Prediktor Perburukan Fungsi Kognitif Pada Pasien Demensia Vaskular Di RSUP Dr Sardjito
- 2023 - Prevalensi Gangguan Kognitif Sebagai Manifestasi Long Covid Syndrome di Yogyakarta dan Hubungannya Dengan Peran HMGB1
- 2023 - Cognitive Impairment and Post-Acute Sequelae of Covid-19 In Indonesia
- 2024 - Peran Biomarker Plasma A β 42 dan pTau-181 untuk Mendeteksi Demensia Alzheimer

Community Service Experience

- 2024 - Diseminasi Penelitian Long Covid dan Pembuatan Policy Brief



Scientific Publications

- Obesity Is Less Frequently Associated with Cognitive Impairment in Elderly Individuals: A Cross-Sectional Study in Yogyakarta, Indonesia. *Nutrients*, 12(2), 2020.
- Role of HMGB1 in an Animal Model of Vascular Cognitive Impairment Induced by Chronic Cerebral Hypoperfusion. *International Journal of Molecular Sciences*, 21, 2020.
- HDAC inhibitor protects chronic cerebral hypoperfusion and oxygen-glucose deprivation injuries via H3K14 and H4K5 acetylation-mediated BDNF expression. *Journal of Cellular and Molecular Medicine*, 24(12), 2020.
- Higher level of acute serum VEGF and larger infarct volume are more frequently associated with post-stroke cognitive impairment. *PLOS ONE*, 15(10), 2020.
- Development and validation of the World Health Organization Disability Assessment Schedule 2.0 (WHODAS 2.0) Indonesian version in stroke survivors. *Disability and Rehabilitation*, Article ID 1900413, 2021.



- HDAC inhibitor protects against vascular cognitive impairment from CCH injury via induction of BDNF-related AMPA receptor activation. *Journal of Cellular and Molecular Medicine*, 25(15), 2021.
- Adolescents with Internet Gaming Disorder are more likely to have lower scores of cognitive function: A cross-sectional study among junior high school students in Yogyakarta, Indonesia. *Open Access Macedonian Journal of Medical Sciences*, 9(B), 2021.
- Roles and Problems of Stroke Caregivers: A Qualitative Study in Yogyakarta, Indonesia. *F1000Research*, 10:380, 2022.
- Quantitative EEG Correlates with NIHSS and MoCA for Assessing the Initial Stroke Severity in Acute Ischemic Stroke Patients. *Open Access Macedonian Journal of Medical Sciences*, 10(B):599–605, 2022.
- Awareness of Being at Risk of Stroke and Its Determinant Factors among Hypertensive Patients in Banyumas, Indonesia. *Stroke Research and Treatment*, 2022; Article ID 4891134.
- Dementia in a Patient with Autoimmune Disease and Hypercoagulable State Worsened by COVID-19 Vaccination: A Case Report. *Annals of Medicine and Surgery*, 78:103886, 2022.



- Measurement of Social Strain in People with Dementia: A Preliminary Study of the Reliability and Validity of Negative Relationship Quality Questionnaire in Indonesia. *Geriatrics*, 7(99), 2022.
- Association of SCN1A Gene Polymorphism with Phenytoin Response in Patients with Epilepsy: Relevance of Stratification by the History of Febrile Seizure. *Open Access Macedonian Journal of Medical Sciences*, 10(A):1676–1681, 2022.
- Psychometric Properties of the Indonesian Version of the Sleep Condition Indicator for Screening Post-Stroke Insomnia. *Sleep and Breathing*, 2023.
- The Effect of Brain Exercise for Improving Cognitive Function among Cognitively Impaired Batik Workers: A Preliminary Study in Indonesia. *Alzheimer's & Dementia*, 19:e068365, 2023.
- Angiotensin Receptor Blockers Reduced the Risk of Post-Stroke Cognitive Impairment among First-Ever Ischemic Stroke Patients. *Alzheimer's & Dementia*, 19:e079673, 2023.
- Symptom-Based Scoring Technique by Machine Learning to Predict COVID-19: A Validation Study. *BMC Infectious Diseases*, 23:871, 2023.



- The Impact of Post-COVID-19 Conditions on Sleep and Quality of Life in Indonesia: A Nationwide Cross-Sectional Study. *Nature and Science of Sleep*, 2024:907–916.
- Vitamin D Deficiency in Relapsing Anti-NMDAR Encephalitis Presenting with Acute Cognitive Impairment: A Case Report. *Magna Neurologica*, 2025; 3(1):33–38.
- Lifestyle Interventions for Dementia Risk Reduction: A Review on the Role of Physical Activity and Diet in Western and Asian Countries. *The Journal of Prevention of Alzheimer's Disease*, 2025; Article ID 100028.