## THE NEED TO PUBLISH RESEARCH

The Philippines has been lagging in terms of neurology research output, compared to our ASEAN neighbors. The Philippines ranked 3rd out of 11 countries in research outputs on multiple sclerosis and viral central nervous system infection [1,2]. We ranked 4th in outputs on movement disorders and primary headache [3,4] and 5th in output on primary brain tumor, stroke, motor neuron disease, and bacterial central nervous system infection [6-9] For epilepsy and dementia, the Philippines ranked 6th [10]. Similar papers on various medical topics have also been published, such as in medulloblastoma, pre-term birth, and nursing research on hemodialysis [11-13]. Likewise, there are papers on the research productivity of Filipino neurologists and Southeast Asian neurosurgeons as well as on neurofeedback research [14-16].

The need to publish research has been given a push by a lot of training programs in the country. In some training programs, it is a requirement before graduation and/or before taking a specialty examination [15]. There may be other reasons for publishing, such as for career advancement and professional development, professional recognition, and collaborative opportunities. One could have identified a gap in the knowledge and this served as an inspiration for future research. Whatever the reason is, publications coming from our very own researchers are very important as it offers insights on the Philippine health situation.

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## References:

- Espiritu AI, Leochico CF, Separa KJ, Jamora RD. Scientific impact of multiple sclerosis and neuromyelitis optica spectrum disorder research from 1. southeast Asia: a bibliometric analysis and systematic review. Mult Scler Relat Dis. 2020;38:101862. https://doi.org/10.1016/j.msard.2019.101862
- Sanchez AA, Jamora RD, Espiritu AI. A bibliometric analysis on viral central nervous system infection research productivity in Southeast Asia. Cureus. 2023;15(2):e35388. https://doi.org/10.7759/cureus.35388
- Pajo AT, Espiritu AI, Jamora RD. Scientific impact of movement disorders research output in Southeast Asian countries: a bibliometric analysis. 3.
- Parkinsonism Relat Disord. 2020;81:205–212. https://doi.org/10.1016/j.parkreldis.2020.10.043 dela Vega MP, Yu JR, Espiritu AI, Jamora RD. Primary headache research output and its association with socioeconomic factors in Southeast Asia: a 4. bibliometric analysis. Neurol Sci. 2021;42(7):2683–2693. https://doi.org/10.1007/s10072-021-05266-3
- Sy MC, Espiritu AI, Sy MS, Jamora RD, Anlacan VM. Dementia research productivity and associations with socioeconomic factors in the Southeast Asia. J Alzheimers Dis. 2020;76(3):1151–1160. https://doi.org/10.3233/JAD-200355
- Mondia MW, Espiritu AI, Jamora RD. Primary brain tumor research productivity in Southeast Asia and its association with socioeconomic determinants and burden of disease. Front Oncol. 2020;10:607777. https://doi.org/10.3389/fonc.2020.607777
- 7 Apor AD, Pagaling GT, Espiritu AI, Jamora RD. Stroke research productivity in Southeast Asia: socioeconomic factors, healthcare delivery, and stroke disease burden. J Stroke Cerebrovasc Dis. 2021;30(2):105481. https://doi.org/10.1016/j.strokecerebrovasdis.2020.105481
- Turalde CW, Espiritu AI, Jamora RD. Associations of motor neuron disease research productivity and socioeconomic factors in Southeast Asia: a bibliometric analysis. Arq Neuropsiquiatr. 2021;79(11):1002–1011. https://doi.org/10.1590/0004-282X-ANP-2019-0464
- Jalipa FG, Sy MC, Espiritu AI, Jamora RD. Bibliometric analysis of bacterial central nervous system infection research in Southeast Asia. BMC Neurol. 2021;21(1):11. https://doi.org/10.1186/s12883-021-02042-w
- 10 Thuy Le MA, Sejahtera DP, Lim KS, Lai ST, Tan CT. Epilepsy research output in Southeast Asian countries: a systematic review. Neurol Asia. 2019;24:109-119.
- Alcantara JH, Ornos ED, Tantengco OA. Global trends, gaps, and future agenda in medulloblastoma research: a bibliometric analysis. Childs Nerv Syst. 11. 2023;39(11):3185-3194. https://doi.org/10.1007/s00381-023-05969-2
- Wang Y, Yang L, Lei Y. The global status of nursing research on hemodialysis: a bibliometric and visualized analysis. Medicine (Baltimore). 2024;103(39):e39707. https://doi.org/10.1097/MD.000000000039707
- Pasamba KC, Toral JA. Preterm birth research in Southeast Asia and its association with socioeconomic determinants and burden of disease: a bibliometric analysis. Acta Med Philipp. 2024;58(11):72-80. https://doi.org/10.47895/amp.vi0.7990
- 14. Wider W, Mutang JA, Chua BS, Pang NT, Jiang L, Fauzi MA, Udang LN. Mapping the evolution of neurofeedback research: a bibliometric analysis of trends and future directions. Front Hum Neurosci. 2024;18:1339444. https://doi.org/10.3389/fnhum.2024.1339444
- Apor AD, Jamora RD. Research productivity among Filipino neurologists associated with socioeconomic, healthcare, and disease burden factors: a bibliometric analysis. Int J Environ Res Public Health. 2022;19(23):15630. https://doi.org/10.3390/ijerph192315630
- Omar AT, Chan KI, Ong EP, Dy LF, Go DA, Paolo Capistrano M, Cua SK, Diestro JD, Espiritu AI, Spears J. Neurosurgical research in Southeast Asia: a bibliometric analysis. J Clin Neurosci. 2022;106:159-165. https://doi.org/10.1016/j.jocn.2022.10.028