



DR. NIZUWAN AZMAN

PKTAAB RESEARCH OFFICER PROFILE



RESEARCH PROFILE

- Scopus ID : 36522229800
- Researcher ID: Y-5331-2019
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EXPERTISE

- Biostatistics
- Epidemiology
- Public Health



RESEARCH INTEREST

- Cancer Caregiver Support
- Survival Analysis In Oncology
- Psychosocial Interventions



RESEARCH GRANT

1. Industrial Grant. Smart Stem Kits Empowering Learning: Advancing Experiential Learning through Innovation And Research (2025-2026). Principal Investigator
2. USM STGQ. A Cross-Sectional Study On The Unmet Supportive Care Needs Among Long-Term Cancer Survivors And Their Partners In Penang (2022-2025). Principal Investigator
3. Bridging Grant. Elucidation of Quality Of Life Of House Dust Mites Allergy Patients Undergoing Sublingual Immunotherapy (2026-2027). Co-researcher.
4. STG Grant. Correlations Between Clinicopathological Features And Swallowing Dysfunction In Oral Tongue Squamous Cell Carcinoma (OTSCC) Treated With High Dose Rate Interstitial Brachytherapy (HDRIBT) Followed By IMRT (HyBIRT) (2026-2028). Co-researcher
5. RUI Khas NIC. Evaluating The Diagnostic Utility Of Circulating Mirna As Biomarkers Of Mild Cognitive Impairment (MCI) In Cancer Patients Receiving Chemotherapy (2025-2027). Co-researcher



SKILLS

- Analysis using SPSS
- Research methodology
- Statistical analysis



QUALIFICATION

Ph.D (Epidemiology and Public Health)

Universiti Sains Malaysia (2024)

M.Sc (Applied Statistics)

Universiti Sains Malaysia (2008)

B.Sc (Business Statistics)

Universiti Teknologi MARA (2006)



CONTACT

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TOP 10 RESEARCH PUBLICATIONS

1. Muhammad Khairil Azizi Che Omar, Intan Juliana Abd Hamid, **Nizuwan Azman**, Zarina Thasneem Zainudeen (2026). A Study of Knowledge, Attitude and Practice of Knowledge Gap in Expanded Newborn Screening Among Medical Practitioners in Universiti Sains Malaysia, Malaysian Journal of Medicine and Health Sciences, Mal J Med Health Sci.
2. Norsuraya Hassan, Umi Far-Ain Zulkapli, Siti Munirah Abdul Wahab, **Nizuwan Azman** (2025), Compliance Level and Factors influencing Adherence to Standard Precautions Practices among Nurses, 1st International Conference, Exhibition & Innovation on Public Health & International Community Services, ICEPH-CS2025 Kuching, Malaysia, 19-22 Aug 2025, E-BPJ 10(SI35)
3. Anas Naser Alomoush, **Nizuwan Azman**, Raya Yousef Al-Husban, Noorsuzana Mohd Shariff (2025), Unmet Supportive Care Needs among Patients with Prostate Cancer: A Review Article, Malaysian Journal of Medicine and Health Sciences, Faculty of Medicine and Health Sciences
4. Shahad Fadhil Bunyan, **Nizuwan Azman**, Fatanah Mohamad Suhaimi, Faraedon Mohidden Mostafa Zardawi, Siti Noor Fazliah Mohd Noor, Muhammad Azrul Zabidi (2025). Color Stability of Maxillofacial Silicone Enhanced with Nanoparticle Following Artificial and Natural Weathering. 2024 IEEE-EMBS Conference on Biomedical Engineering and Sciences (IECBES)
5. **Nizuwan Azman**, Mohammad Farris Iman Leong Bin Abdullah, Kamarul Imran Musa, Norsuraya Hassan & Noorsuzana Mohd Shariff (2024). Prospective cohort study of unmet supportive care needs, post-traumatic growth, coping strategy and social supports among patients with breast cancer: The PenBCNeeds study. J Psychosoc Oncol.
6. Nurul Firzanah Baharuddin, Noorfatin Aida Baharul Amin, Noushin Anan, Kamran Hameed, Mahayuddin Abdul Manap, Mohamad Aminudin Said, Nor Salita Ali, Dhalisa Hussin, Hazlin Hashim, **Nizuwan Azman**, and Rafidah Zainon (2023). Quantification of Absorbed Dose in 90y Selective Internal Radiation Therapy for Hepatocellular Carcinoma Treatment: A Review. JUMMEC Special Issue 2023
7. Siew Chin Ong, **Nizuwan Azman**, Hui Ting Ho (2023). Factors Associated With Sleeping Quality and Behaviors Among University Students in Malaysia. Sleep Med Res
8. Wenjun Song, Nor Shuhada Mansor, Nurul Izzah Shari, **Nizuwan Azman**, Ruiling Zhang, Mohammad Farris Iman Leong Bin Abdullah (2023). Validation of the Malay version of the Multidimensional Scale of Perceived Social Support (MSPSS-M) among patients with cancer in Malaysia. PlosOne.
9. Zheng Zhang, **Nizuwan Azman**, Hui Ting Eyu, Nik Ruzyanei Nik Jaafar, Hajar Mohd Salleh Sahimi, Mohd Razif Mohamad Yunus, Noorsuzana Mohd Shariff, Rohayu Hami, Nor Shuhada Mansor, Ping Lu, & Mohammad Farris Iman Leong Abdullah (2022). Validation of the Malay Version of the Shame and Stigma Scale among Cancer Patients in Malaysia. Int. J. Environ. Res. Public Health. Multidisciplinary Digital Publishing Institute (MDPI).