Malaysian Journal of Medicine and Health Sciences
Vol. 21 (2), March 2025

Contents

EDITORIAL

Family Therapy in Malaysia: the Gap and the Gateway 1
Ruziana Masiran

ORIGINAL ARTICLES

Determinants of Geriatric Depression in Banda Aceh, Indonesia 4
Riza Septiani, Guswan Wiwaha, Insi Farisa Desy Arya

The Role of Leadership on Cross-sectoral Collaboration in the HIV-AIDS Program: A Cross-sectional Study in South Sulawesi Province, Indonesia 13
Balqis, Suci Rahmadani, Kemal N Siregar, Hasbullah Thabrany, Dumillah Ayuningtyas, Lely Wahyuniar

The Prevalence of Fatty Liver Disease and Its Associated Factors Among Dayak Community in Kuching and Samarahan Division, Sarawak 21
Azlan Arif Bin Bolen, Jeffery Anak Stephen, Cheah Whye Lian, Koa Ai Jiun

Digital Health Literacy Among Elderly Dayak in Southern Sarawak: A Cross-sectional Study 29
Johnny Ling Shean Kang, Cheah Whye Lian

Behavioural Intention Towards Cervical Cancer Screening Uptake in Workplace 39
Puteri Nuuraine Ayu Binti Mohammad Nasir, Ayu Akida binti Abdul Rashid, Cheah Whye Lian

Edible Oil Consumption and Its Associated Factors Among the Dayak Community in Southern Zone of Sarawak 46
Michael Pui Chia Shin, Cheah Whye Lian

Effect and Process Evaluation of an Intervention to Promote Physical Activity Among White-collar Employees at a Public University: The Profit-study 56
Cheah Yong Xiang, Cheah Whye Lian, Helmy bin Hazmi

Pre-pregnancy Body Mass Index Associated With Gestational Weight Gain and Newborn Anthropometry Outcomes in South Aceh, Indonesia: A Malife Study 68
Arif Sabta Aji, Selvia Chairunnisa, Mira Oktavia, Muhamad Ithfar, Arinto Hadi

Multidimensional Healthy Ageing Domains and Its Relationship With Sociodemographic Variables of Older Adults in Thailand 75
Romnalin Keanjoom, Pichaya Toyoda, Jariya Hangsantea, Kodchakorn Thipsanthiah

Are Parity Correlated to Successful Vaginal Birth After Cesarean (VBAC)? 81
Hanis Kusumawati Rahayu, Alda Adiyati Wiyana, Marihot Pasaribu

Remote Working and Wellbeing of Academicians in a Public University in Malaysia 85
Wan Syahirah Wan Ghazali, Halimatus Sakdiah Minhat

Cost Analysis of Caesarean Section at Hospital X, Indonesia: An Activity Based Costing Analysis for the Clinical Pathway 93
Thinni Nurul Rochmah, Achmad Yudi Arifiyanto, Djazuly Chalidyanto, Maznah Dahlui, Amirah Azzeri, Hanin Dhany Robby

Acute Effects of Nitrogen Dioxide Exposure and Risk of Cardiorespiratory Hospital Admissions in Peninsular Malaysia: A Time-series Study 100
Nur Nabila Abd Rahim, Rafdzah Ahmad Zaki, Abqariyah Yahya, Wan Rozita Wan Mahiyuddin

Social Media's Role in Enhancing Cancer Awareness and Screening Among the B40 Population in Shah Alam, Klang Valley 109
Ahlam Abdul Aziz, Amirah Abdul Rahman, Ellysa Nabilah Abdul Halit, Shazleen Mohamed, Khairiyah Sidek

Exploring Occupational Noise Management Awareness and Practices in the Malaysian Manufacturing Industry: A Preliminary Study 115
Rohela Mohammad, Sa'ardin Abdul Aziz

Does Physical Activity, Eating Habit and Psychological Stress Affect Body Mass Index? A Cross-sectional Study Among University Students in Malaysia 126
Mehrnoosh Akhtari-Zavare, Sherina Mohd Sidik, Nurul Elyani Mohamad, Nurfaizah Saibul

Knowledge, Awareness on Breast Cancer, and Practice of Breast Self-examination Using Virtual Reality Among Community in Kuantan: A Cross-sectional Study 136
Siti Noorkhairina Sowtali, Ahmad Nu'man Abdul Rahman, Azzah Quratuaini Awalludin

Facilitators and Barriers of Patient Safety Incidents Reporting Among Healthcare Workers at Community Health Centers in Indonesia: A Qualitative Study 145
Bayu Anggileo Pramesona, Nur Hasanah, Dwi Aulia Ramdini, Dyah Wulan Sumekar Rengganis Wardani, Surasak Taneepanichskul, Eva Yunitasari, Marliyana Marliyana, Sri Suharti, Fatimah Wahab Aliun, Sarinah Sri Wulan, M. Khalid Fredy Saputra

Exploring Items and Developing an Instrument for Measuring the Relationship Between Age-friendly Environment and the Psychosocial Well-being of Older Adults in Kuching and Bintulu City: An Exploratory Factor Analysis Procedure 154
Nur Azimah Binti Azman, Jeffery Stephen

Mental Help-seeking Intention Among Rural Sarawak *Bumiputera* Adolescents: the Application and Extension of the Theory of Planned Behaviour 163
Muhammad Najib Hasan, Jeffery Stephen,Noorzilawati Sahak

The Effect of Breast Compression Thickness to the Average Glandular Dose (AGD) and Image Quality in Digital Mammography: A Phantom Study. 170
Nurnazira Zakaria, Najihah Hanis Zainuddin, Eng Kae Yann, Yasmin Md Radzi

SYSTEMATIC REVIEW

Updated Report on Preoperative Testosterone Hormone Therapy in Hypospadias Reconstruction: Comprehensive Systematic Review and Meta-analysis 176
Revina Maharani, Hotma Lestari, Putra Mahakarya Dewa, Dewangga Yudisthira, Krisanto Tanjaya, Besut Daryanto, Athaya Febriantyo Purnomo

The Efficacy of Platelet-rich Plasma (PRP) Addition in Human Ejaculated Sperm: A Systematic Review and Meta-analysis 186
Adelina Amelia Febriani Bofe, Shofwal Widad, Agung Dewanto, Lukman Ade Chandra

From Duty to Discomfort: A Systematic Review Unveiling the Current Landscape of Musculoskeletal Disorders (MSDs) Among Police Officers 195
Nur Syahirah Adenan, Nur Athirah Diyana Mohammad Yusof, Sa'ardin Abdul Aziz, Mohd Shamsuri Khalid, Puteri Anis Syahira Mohamad Jamil

Diagnostic Value of Focused Assessment With Sonography in Trauma (FAST) and Computed Tomography in Blunt Abdominal Trauma: A Systematic Review and Meta-analysis 205
Ihsan Fahmi Rofananda, Asri Dhea Pratiwi, Edwin Satya Jaya Putra, Syah Reza Budi Azhari, Rosy Setiawati

Evaluating the Efficacy of Probiotics in the Prevention and Treatment of Atopic Dermatitis in Adult Patients - A Systematic Review and Meta-analysis 216
Muhammad Hariadi Nawawi, Mohd Hafiz Arzmi, Afiza Azmi, Maryam Al-Batul Azizudin

REVIEW ARTICLE

Barriers to Childhood Immunisation in Nigeria: A Scoping Review of Recent Empirical Studies 227
Dathini Hamina Siti Khuzaimah Ahmad Sharoni, Kever Robert Teriyla, Elizabeth Joseph-Shehu

The Role of Interleukin-17 in *Staphylococcus aureus* Skin Infection: A Scoping Review 240
Valensa Yosephi, Renita Gusti Wardhani, Yosef Ferdinand Rahmat Sugiyanto, Ni Luh Ayu Megasari

Rapid Triage and Secondary Prevention in Transient Ischemic Attack: A Narrative Review 248
Fan Kee Hoo, Wan Aliaa Wan Sulaiman, Liyana Najwa Inche Mat, Anna Misyail Abdul Rashid, Abdul Hanif Khan Yusof Khan, Azliza Ibrahim, Janudin Baharin, Wei Chao Loh, Hamidon Basri

Understanding Malaria Determinants and Prevention in Low-endemic Regions: A Narrative Review 254
Hamzah Hasyim

STUDY PROTOCOL

Effects of Social Cognitive Theory Based Health Education Intervention on Exclusive Breastfeeding Practice Among Antenatal Mothers: A Study Protocol 260
Ugwu Chijioke Irene, Norliza Ahmad, Nor Afiah Mohd Zulkefli, Adibah Hanim Ismail @ Daud, Lim Poh Ying, Uche Uchegbu

Design of SCoPE Health Education Module on Internet Addiction Prevention Among Undergraduate Students: Study Protocol for a Cluster Randomized Controlled Trial 267
Dina Nurfarahin Mashudi, Norliza Ahmad, Nor Afiah Mohd Zulkefli, Kit-Aun Tan

CASE REPORT

Artery of Percheron Occlusion, a Rare Presentation of Bilateral Thalamic Ischemic Stroke 274
Tan Li Fen, Aminuddin Sardi, Wei Chao Loh, Anna Misya'il Abdul Rashid, Abdul Hanif Khan Yusof Khan, Janudin Baharin, Azliza Ibrahim, Liyana Najwa Inche Mat, Wan Aliaa Wan Sulaiman, Fan Kee Hoo, Hamidon Basri

Case Report: At Rare Case of Ulnar Sided Wrist Pain Secondary to Extensor Carpi Ulnaris Split Tear Respond Well to Prolotherapy 277
Azwan Aziz M, Nahar Azmi Mohamed

A Rare Presentation of Embryonal Rhabdomyosarcoma of Broad Ligament Mimicking Pelvic Teratoma 281
Tengku Nuriyliana Mariam Tengku Zainul Muluk, Siti Aishah Ahmad Maulana, Muhammad Habibullah Zakaria, Noor Fa'izatul Rahil Ambok Dalek, Rusli Zaim Rusli, Rabiatul Adawiyah Abdul Rohim, Malini Mat Napes

Twice Too Many: Dilemma in Managing a Patient With Recurrent Near-death Events in Primary Care 285
Fathima Begum Syed Mohideen, M. Radzniwan A. Rashid, Lim Mong Sai, Sharifah Najwa Syed Mohamad

Suprasellar Meningioma Mimicking Optic Neuritis Presentation – Challenges in Diagnosis 289
Daniel Sen Kai Phang, KS Ng, NF Diana, Zawawi Norzaliana, Wan Hitam Wan-Hazabbah, Embong Zunaina