



Official Journal of the
Malaysian Medical Association

The Medical Journal of Malaysia

**6th Asia-Pacific Conference on Public Health
Urbanisation Challenges for Health**

**22-25 July 2019
Penang, Malaysia**

August 2019

Volume: 74

Supplement : 2

Association Between Sodium Intake with 24 Hour Urine Sodium Among Malay Adult Respondents; Findings from Mycoss 2018 Study	67
Association Between Stigma, Psychological Well-Being and Quality of Life Among People Living with HIV in Kuala Lumpur	67
Awareness and Perception of Potential Stem Cells Therapy for Diabetes Among Malaysians: A Pilot Study	68
Bad Things Come in Threes: Food Poisoning Outbreak in Maahad Tahfiz Quran Darul Saadah	68
Body Mass Index Status and Its Relationship with Mode of Delivery, Birth Weight and Early Feeding History Among Children in an Urban Area of Pahang	69
Breastfeeding in Combat Boots: The Challenges	69
Brushing Teeth Among In-School Malaysian Adolescent.	70
Can Malaysia Mosquito Autocidal Traps Help to Reduce Dengue Cases? Preliminary Assessment, Jasin 2018	70
Carbonated Soft Drinks Consumption Among Adolescents in Malaysia: Finding from Adolescent Health Survey 2017.	71
Case Report: The War Against Mumps in Hospital Serdang	71
Characteristic of Leptospirosis Patients Admitted to Hospital Kuala Lumpur (HKL) From 2013 to 2018.	72
Ciguatera Fish Poisoning Outbreak in Penampang District, Sabah - December 2017	72
COMBI (Communication for Behavioural Impact) for Dengue Prevention in Bentong	73
Community Engagement Programmes Under Cheras District Health Office in Year 2018: SWOT Analysis	73
Compare the Effectiveness of Influenza Vaccination for Elderly People with and Without Disabilities in Taiwan	74
Comparison of Health Promotion Methods Using Audiovisual Media and Lecture Towards the Level of Elementary School Childrens Regarding Pulmonary Tuberculosis	74
Congenital TB: Where Did We Go Wrong?	75
Contributing Factor of Dengue Hotspot in Tanjung Aru Sub-District in 2018	75
Coverage of Diabetic Nephropathy Screening in Malaysia 2015-2018	76
Dengue Vector Control Campaign During Post Typhoon Haiyan in the Philippines: Lessons Learnt and Challenge	76
Depression Among the Urban Elderly Living in Malaysia: Findings from NHMS 2018	77
Depression Severity and Substance Use Among School-Going Adolescents in Malaysia	77
Development and Validation of a Training Tool on Adolescent Education for Healthcare Provider: SEDAR Module	78
Diabetic Retinopathy - Who is at Risk?	78
Distribution of Diseases Among Followed Up Patients in Malaysian Field Hospital During Operation Starlight-2	79

Body Mass Index Status and Its Relationship with Mode of Delivery, Birth Weight and Early Feeding History Among Children in an Urban Area of Pahang

Hafizah Pasi, Jamalludin Abd Rahman, Razman Mohd Rus, Karimah Hanim Abd Aziz, Hashima E Nasreen, Muhammad Zubir Yusof, Noor Artika Hassan

International Islamic University Malaysia

ABSTRACT

INTRODUCTION: The body mass index (BMI) of children is currently increasing in trends either globally or locally. In Malaysia, the number of children approaching unhealthy BMI is alarming. Despite the frequently conducted studies on children's BMI and factors such as diet and physical inactivity, limited studies were done focusing on birth related and early life factors. Thus, this research aims to study the body mass index status and its relationship with birth weight, mode of delivery and early feeding history among children in one of the urban residential area in Kuantan, Pahang. **METHODS:** A cross-sectional study with face-to-face interview using pre-tested structured questionnaires was conducted in October till November 2018. **RESULTS:** Among 92 participants, majority were male (52.2%), Malay (58.7%), have working parents (70.9%) and within M40 household income category (50.0%). Median age of the participants was 11 years old and mostly had appropriate birth weight, delivered via spontaneous vaginal delivery and weaned after six months with proportion of 87.0%, 77.2% and 75.0% respectively. Children who were wasted and severely wasted constitute 18.5% and overweight and obese 13.1%. Among the three main factors studied, it was found that only age of weaning has significant relationship with BMI status among these children ($\chi^2=7.58$ (2), $p=0.023$). **CONCLUSION:** Therefore, intervention as early as during infancy, particularly age of weaning, is important in maintaining the healthy BMI status among these children.

KEYWORDS: BMI, mode of delivery, birth weight, early feeding

Breastfeeding in Combat Boots: The Challenges

Faira Rosmarina Mohd Rustam

Health Services Division, Malaysian Armed Forces

ABSTRACT

INTRODUCTION: Role of women in military has undergone transformation and progressively recognized by the organization. However, it provides a unique environment to the women as it has always been considered as male dominated world. Hence, servicewomen faced challenges to balance their domestic role and career needs in the military. This study aims to look the effect of military life to the servicewomen on breastfeeding and the associated factors that influence the practice in Malaysian Armed Forces (MAF). **METHODS:** A cross-sectional study with face to face interview was conducted in September 2015. **RESULTS:** Among 435 servicewomen, 46% are from Army, 34.7% are Navy personnel and 19.3% are from Air Force. The mean (SD) age of the mothers was 33.2 (4.2) and mean (SD) number of children was 2.6 (0.9). Majority of them (92.2%) breastfed their children and 67.4% were able to breastfeed exclusively for six months. Mean (SD) duration of breastfeeding was 1.3 (0.74) years. The study found that majority described they were not comfortable of the surrounding working environment (98.3%), no appropriate place to express and store breastmilk (98.4%) as well as work demand that separates them from their children (98.0%) as the challenges faced to breastfeed. **DISCUSSION:** Efforts to create supportive environment and better facilities should be implemented in the intervention program to promote breastfeeding practice in MAF.

KEYWORDS: military women, breastfeeding, challenges