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May Measurement Month 2017 blood pressure screening: Findings from Malaysia-South-East Asia and Australasia (Article) (Open Access)

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Abstract

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Elevated blood pressure (BP) is a growing burden worldwide, leading to over 10 million deaths each year. However there are still many individuals, particularly in many countries in Asia, who have poor BP control. In Malaysia, less than two-fifths have achieved BP control. We participated in BP screening in Malaysia in conjunction with the May Measurement Month 2017 (MMM17), a global initiative by the International Society of Hypertension (ISH) aimed at screening more individuals for earlier detection of hypertension. A nationwide screening of adults aged ≥18 was carried out through health campaigns at clinics, hospitals, during family day events, and charity runs from 1 April 2017 to 31 May 2017 in 42 centres. We used the detailed protocol provided by ISH for data collection. A total of 4116 individuals were screened during MMM17. After multiple imputation, 32.4% (n ¼ 1317/4059) had hypertension. Out of this, 63.9% (842/1317) of those with hypertension were on treatment. Of individuals receiving antihypertensive medication with an imputed BP, 59.5% (n ¼ 496/834) of them had controlled BP. MMM17 was the largest organized BP screening campaign undertaken by health professionals in Malaysia. This study identified that 32.4% of screened individuals had hypertension and 59.5% individuals with treated hypertension had achieved BP control. © The Author(s) 2019. This is an Open Access article distributed under the terms of the Creative Commons Attribution Non-Commercial License (<http://creativecommons.org/licenses/by-nc/4.0/>), which permits non-commercial re-use, distribution, and reproduction in any medium, provided the original work is properly cited. For commercial re-use, please contact journals.permissions@oup.com

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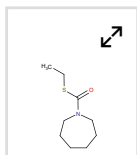
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Chia, Y.-C., Buranakitjaroen, P., Chen, C.-H., Divinagracia, R., Hoshide, S., Park, S., Shin, J., (...), Kario, K.
Current status of home blood pressure monitoring in Asia: Statement from the HOPE Asia Network (Open Access)

(2017) *Journal of Clinical Hypertension*, 19 (11), pp. 1192-1201. Cited 27 times.
[http://onlinelibrary.wiley.com.ezproxy.um.edu.my/journal/10.1111/\(ISSN\)1751-7176](http://onlinelibrary.wiley.com.ezproxy.um.edu.my/journal/10.1111/(ISSN)1751-7176)
doi: 10.1111/jch.13058

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(2015) *National Health and Morbidity Survey 2015 (NHMS 2015). Vol. II: Non-Communicable Diseases, Risk Factors & Other Health Problem*. Cited 152 times.
Kuala Lumpur: Ministry of Health Malaysia; 26 February 2019
[Institute for Public Health \(IPH\)](#)

☐ 3

Ab Majid, N.L., Omar, M.A., Khoo, Y.Y., Mahadir Naidu, B., Ling Miaw Yn, J., Rodzlan Hasani, W.S., Mat Rifin, H., (...), Mohd Yusoff, M.F.
Prevalence, Awareness, Treatment and Control of hypertension in the Malaysian population: findings from the National Health and Morbidity Survey 2006–2015 (Open Access)

(2018) *Journal of Human Hypertension*, 32 (8-9), pp. 617-624. Cited 6 times.
<http://www.nature.com.ezproxy.um.edu.my/jhh/index.html>
doi: 10.1038/s41371-018-0082-x

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