

Documents

Nas, N.^a, Abllah, Z.^b

ORAL HEALTH ATTITUDES AND BEHAVIOURS AMONG UNDERGRADUATE HEALTH SCIENCES STUDENTS
(2024) *Journal of Health and Translational Medicine*, 2024 (Special Issue 1), pp. 135-142.

DOI: 10.22452/jummec.sp2024no1.15

^a Kulliyah of Dentistry, International Islamic University Malaysia, Pahang, Kuantan, 25200, Malaysia

^b Department of Paediatric Dentistry and Dental Public Health, Kulliyah of Dentistry, International Islamic University Malaysia, Pahang, Kuantan, 25200, Malaysia

Abstract

Oral health is a component of overall health that has an impact on an individual's general well-being. It is believed that individuals enrolled in undergraduate health sciences are expected to have a positive attitude and behaviour toward their oral health. This study is conducted to investigate and compare the oral health attitudes and behaviours among undergraduate health sciences students in IIUM Kuantan and to evaluate between preclinical and clinical students on their oral health awareness. A 100 respondents were recruited from each course. A modified online questionnaire assessing attitudes and behaviours towards oral health was used. Results were analysed by descriptive statistics, Kruskal Wallis test, and Mann-Whitney test. Most respondents denied having a smoking habit (95.8%). Half of them brushed their teeth and used dental floss in their daily lives. Dentistry depicted the highest mean score of HU-DBI (17.92). Clinical students showed a significant difference ($p = 0.044$) and depicted higher scores compared to preclinical students whilst gender showed similar scores. The outcome for oral health attitudes and behaviours among clinical dental students has the greatest score compared to other courses. Comprehensive oral health awareness programs for future health care providers need to be stressed on right from their preclinical years. © 2024, Faculty of Medicine, University of Malaya. All rights reserved.

Author Keywords

Attitude; Behaviour; Health Science; Oral Health; Undergraduate

Index Keywords

adult, Article, attitude, attitude to health, awareness, behavior, cross-sectional study, dental health, dental student, dentistry, female, health care personnel, human, male, mouth hygiene, pilot study, smoking habit, tooth brushing, vaping, young adult

Manufacturers

IBM

References

- Chawla, R, Telang, LA, Krishnan, DA.
Self-reported oral health attitude and behaviour among Malaysian dental students
(2019) *Int. J. Dent. Sci. Inno. Res*, 2 (5), pp. 322-331.
- Kawamura, M, Ikeda-Nakaoka, Y, Sasahara, H.
An assessment of oral self-care level among Japanese dental hygiene students and general nursing students using the Hiroshima University--Dental Behavioural Inventory (HU-DBI): surveys in 1990/1999
(2000) *Eur J Dent Educ*, 4 (2), pp. 82-88.
- Komabayashi, T, Kawamura, M, Kim, KJ, Wright, FAC, Freire, D
The hierarchical cluster analysis of oral health attitudes and behaviour using the Hiroshima University-Dental Behavioural Inventory (HU-DBI) among final year dental students in 17 countries
(2006) *Int. Dent. J*, 56 (5), pp. 310-316.
et. al
- Komabayashi, T, Kwan, SYL, Hu, DY, Kajiwara, K, Sasahara, H, Kawamura, M.
A comparative study of oral health attitudes and behaviour using the Hiroshima University-Dental Behavioural Inventory (HU-DBI) between dental students in Britain

and China

(2015) *J. Oral Sci*, 47 (1), pp. 1-7.

- Daou, D, Rifai, K, Doughan, B, Doumit, M.
Development of an Arabic version of the Hiroshima University-dental behavioral inventory: Cross-cultural adaptation, reliability, and validity
(2018) *J. Epidemiol. Glob. Health*, 8 (1–2), pp. 48-53.
- Jaramillo, JA, Jaramillo, F, Kador, I, Masuoka, D, Tong, L, Ahn, C
Comparative study of oral health attitudes and behavior using the Hiroshima University-Dental Behavioral Inventory (HU-DBI) between dental and civil engineering students in Colombia
(2013) *J. Oral Sci*, 55 (1), pp. 23-28.
- Wee, LH, Chan, CM, Yogarabindranath, SN.
A review of smoking research In Malaysia
(2016) *Med. J. Malaysia*, 71, pp. 29-41.
(Suppl 1)
- Jella, RK, Pratap, K, Padma, TM, Kalyan, VS, Vineela, P
Oral health attitude and behavior among health-care students in a teaching hospital, Telangana State: a cross-sectional study
(2016) *Indian J Dent. Sci*, 8 (4), pp. 242-245.
- Keeling, M, Wright, TL, Keeling, HM.
Periodontal disease and Diabetes Mellitus: Case Report
(2015) *Int. Dent. J. Stud. Res*, 3 (2), pp. 61-68.
- Lujó, M, Meštrović, M, Malčić, AI, Karlović, Z, Matijević, J, Jukić, S.
Knowledge, attitudes and habits regarding oral health in first-and final-year dental students
(2016) *Acta Clin. Croat*, 55 (4), pp. 636-643.
- Mumin, NA, Jaafar, A, Ramli, H, Rani, H.
The relationship between oral health attitude (HUDBI) score and caries experience (DMFT) score among first year dental students in USIM, Malaysia
(2020) *J. Int. Dent. Med. Res*, 13 (1), pp. 346-350.
- Jaramillo, JA, Jaramillo, F, Kador, I, Masuoka, D, Tong, L, Ahn, C
Comparative study of oral health attitudes and behavior using the Hiroshima University-Dental Behavioral Inventory (HU-DBI) between dental and civil engineering students in Colombia
(2013) *J. Oral Sci*, 55 (1), pp. 23-28.
- Mekhemar, M, Conrad, J, Attia, S, Dörfer, C.
Oral health attitudes among preclinical and clinical dental students in Germany
(2020) *Int. J. Environ. Res. Public Health*, 17 (12), pp. 1-11.
- Muthu, J, Priyadarshini, G, Muthanandam, S, Ravichndran, S, Balu, P.
Evaluation of oral health attitude and behavior among a group of dental students in Puducherry, India: A preliminary cross-sectional study
(2015) *J. Indian Soc. Periodontol*, 19 (6), pp. 683-686.
- Ng, J, Noorani, T, Abdul, GN, Moheet, I.
Self-reported differences in oral health attitudes and behaviors of health-care students at a University in Malaysia
(2018) *European J. Gen. Dent*, 7 (1), pp. 7-13.
- Tien, NP, Thanh, TP, Hanh, DN, Hoang, AD, Dang, TAB, Bich, DQ
Prevalence of smoking among health science students in Vietnam in 2018 and associated factors: A cross-sectional study

(2020) *Health Psychol. Open*, 7 (2), pp. 7-12.
et.al

- Vangipuram, S, Pallavi, S, Radha, G, Rekha, R.
Assessment of oral health attitudes and behavior among undergraduate dental students using Hiroshima University Dental Behavioral Inventory HU-DBI
(2015) *J. Indian Assoc. Public Health Dent*, 13 (1), pp. 52-58.
- Wieslander, V, Leles, C, Srinivasan, M.
Evaluation of oral-health behavioral attitudes of dental students in Switzerland and Brazil
(2021) *J. Oral Sci*, 63 (4), pp. 326-329.

Correspondence Address

Abllah Z.; Department of Paediatric Dentistry and Dental Public Health, Kuantan Campus, Pahang, Malaysia; email: drzura@iium.edu.my

Publisher: Faculty of Medicine, University of Malaya

ISSN: 18237339

Language of Original Document: English

Abbreviated Source Title: J. Health Transl. Med.

2-s2.0-85188926882

Document Type: Article

Publication Stage: Final

Source: Scopus

ELSEVIER

Copyright © 2024 Elsevier B.V. All rights reserved. Scopus® is a registered trademark of Elsevier B.V.

 **RELX Group™**