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Knowledge, attitude and practice regarding pertussis among a public university students in Malaysia (Article) (Open Access)

Basir, N.A.B.A.[a], Rahman, N.A.A.[b], Haque, M.[c]

[a]Department of Biomedical Science, Kulliyyah of Allied Health Sciences, International Islamic University Malaysia, Pahang, Malaysia
[b]Department of Physical Rehabilitation Sciences, Kulliyyah of Allied Health Sciences, International Islamic University Malaysia, Pahang, Malaysia
[c]Faculty of Medicine and Defence Health, National Defence University of Malaysia, Kuala Lumpur, Malaysia

Abstract

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Objective: To study the knowledge, attitude, and practice (KAP) regarding pertussis among students in a public university in Malaysia. Material and Methods: This study was a cross-sectional study using convenience sampling to recruit 171 respondents. The data was collected using a self-administered questionnaire comprised of four different parts: the socio-demographic data, the knowledge, the attitude and the practice towards the prevention of pertussis. The data were analyzed using correlation, independent ttest, and ANOVA according to the different study objectives and types of data. Results: More than half of the respondents (67.8%) indicated that they had heard about pertussis. The school or university (59.6%) was the most common source of information, followed by Internet (46.2%). The most of the respondents (43.9%) possessed moderate knowledge regarding pertussis and knew that Bordetella pertussis is the causative agent of pertussis (76.0%). A significant positive correlation between knowledge regarding pertussis with age (p=0.023) was observed, however, there was no association between age with attitude and practice (p=0.272 and 0.131, respectively). Gender and marital status did not influence the KAP regarding pertussis; nevertheless, significantly different between different faculties. Conclusion: Students from the Faculty of Medicine had the highest knowledge scores, while the students from the Faculty of Nursing had the most top attitude and practice scores compared to students from another faculty. The students from the public university generally had a good level of KAP regarding pertussis.

SciVal Topic Prominence

Topic: Whooping Cough | Bordetella Pertussis | Pertussis Vaccine

Prominence percentile: 97.061

Author keywords

Attitudes | Bordetella pertussis | Health knowledge | Practice | Universities

Indexed keywords

EMTREE drug terms: azithromycin | clarithromycin | erythromycin | ivermectin | mebendazole

EMTREE medical terms: adult | Article | attitude to health | Bordetella bronchiseptica | Bordetella parapertussis | Bordetella pertussis | convenience sample | coughing | cross-sectional study | data analysis | disease transmission | female | health care practice | human | knowledge | Malaysia | male | Mycobacterium tuberculosis | pertussis | reliability | sexual intercourse | sneezing | Streptococcus pneumoniae | university student | vaccination | vomiting

Chemicals and CAS Registry Numbers:

azithromycin, 83905-01-5, 117772-70-0, 121470-24-4; clarithromycin, 81103-11-9; erythromycin, 114-07-8, 70536-18-4; ivermectin, 70288-86-7; mebendazole, 31431-39-7

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Haque, M.; Unit of Pharmacology, Faculty of Medicine and Defence Health, Universiti Pertahanan Nasional Malaysia, Kem Perdana Sungai Besi, Kuala Lumpur, Malaysia; email:runurono@gmail.com

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