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Pharmacy and medical student's knowledge, attitudes and practice (KAP) on antibiotic use in Dubai and Sharjah**Rafa Mohamed Jafar Al Khalifa**
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Bacterial resistance to antibiotics is the major global health issue threatening the human survival against infections in the near future. Numerous researches and studies demonstrated strong relationship between antibiotic abuse and antibacterial resistance. Antibiotic abuse is predominantly revealed when prescribed for the treatment of upper respiratory tract symptoms which are mistakenly considered as upper respiratory tract infections (URTIs) of bacterial cause, including sore throat, common cold and rhinitis, although viruses cause most of these infections. As pharmacy and medical students are the future healthcare providers, prescribers and counselors, their sound knowledge, attitudes and practice in addition patient's expectations and beliefs play an essential role in the management of the antibacterial resistance disaster. There is no published data addressing this issue in Dubai and Sharjah. This study aims at exploring the knowledge, attitudes and practice (KAP) regarding antibiotic use among medical and pharmacy students and the effect of their knowledge on their beliefs and practices. For the purpose, the students of Dubai Medical College, Dubai Pharmacy College and Sharjah University has a validated questionnaire. Based stratified geographical clustering sampling using cross-sectional design used in order to avoid bias in selecting the study population. In order to increase compliance, all students were personally interviewed and informed about the importance of the study. Ethical approval from the Institutional Review Board has been obtained. All responses will be coded and entered into a customized database developed on SPSS (version 24) for statistical analysis. Descriptive analysis (percentages, means, and ranges) will be used as appropriate to describe the population of respondents. to investigate the statistical significance of differences between mean values and student's responses based on their level of education and knowledge.

Biography

Rafa Mohamed Jafar Al Khalifa is currently a graduate student at Dubai Pharmacy College and he is doing research under the supervision of Dr. Heyam Ali.

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