

# Jordan University of Science and Technology

## An audit on the knowledge, beliefs and attitudes about the uses and side-effects of antibiotics among outpatients attending 2 teaching hospitals in Jordan.

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**Abstract:** This study aimed to assess general knowledge, beliefs and attitudes of people towards the use of antibiotics. Individuals referring to the outpatient pharmacies of 2 major teaching hospitals in the north of Jordan completed a self-administered, validated questionnaire. A total of 1091 individuals (56.8% males) participated in the study. Of these, 20.1% of the participants stated that antibiotics were used for bacterial infections, while 18.3% thought they were used for viral infections and 43.6% for mixed bacterial/viral infections. The average knowledge score of the participants about antibiotic uses and side-effects was low. Middle-aged participants and those with an education beyond high school had significantly higher knowledge scores about antibiotics use. Almost 75% of the participants disagreed that antibiotics could be given without a prescription.