

# Survey of Medication Knowledge and Behaviors Among College Students in Taiwan

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## Abstract

**OBJECTIVES:** To survey the knowledge, attitudes, and practices towards safe medication use of first-year college students in Taiwan. **METHODS:** One hundred forty-seven departments in 27 universities were sampled by stratified randomization. Three sections of the questionnaire were developed, including 10 true/false questions to measure knowledge, 4 questions for attitude in a 5-point scale, and 10 questions for practice in a 5-point scale. **RESULTS:** A total of 6270 subjects completed the survey instrument for a valid response rate of 91.9%. Students who were health science majors had safer medication practices than non-health science majors. However, students in both groups had low scores on appropriate antibiotics use, with a correctness rate of 45.8%. Knowledge relating to antacid use had the lowest number of correct responses among the 10 items included in the survey. Overall, the students showed positive attitudes toward (12.6 +/- 2.2) and trusted (3.6 +/- 0.7) pharmacists' consultation. **CONCLUSIONS:** College students lack appropriate knowledge, attitudes, and practices related to the safe use of medications, and efforts are warranted in Taiwan.