

KNOWLEDGE, ATTITUDES AND PRACTICES REGARDING NOROVIRUS INFECTION AND ITS INFLUENCING FACTORS AMONG PRIMARY AND JUNIOR MIDDLE SCHOOL STUDENTS IN CHIZHOU, CHINA

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Abstract. This study aimed to assess knowledge, attitudes and practices (KAP) of norovirus infection and to explore factors influencing KAP among primary and junior middle school students in Chizhou City. A multistage stratified random sampling method was used to select 1,200 students from 8 primary and junior middle schools for an effective questionnaire survey in Chizhou City. A multivariate logistic regression analysis was used to analyze the possible influencing factors. Of 1,176 participants, the average knowledge score of norovirus infection was (9.8 ± 3.6) , and the scoring rate was 65.3%. The average attitude score was (11.6 ± 1.2) , and the scoring rate was 96.3%. The average practice score was (10.4 ± 1.5) , and the scoring rate was 86.9%. The difference in the average scoring rate among the three was statistically significant ($p < 0.001$). The four independent variables including county, education level, sex, and age group statistically correlated with the knowledge score. Primary and junior middle school students in Chizhou City had a good attitude and practice compliance in the prevention and control of norovirus infection. However, norovirus infection control and targeted health promotion of professional knowledge still need further improvement.

Keywords: knowledge, attitude, practice, KAP, health education, influencing factors, norovirus infection

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