

**KNOWLEDGE ON
MEDICAL STORE MANAGEMENT AND
GOOD STORAGE PRACTICE
AMONG HEALTH CARE PROVIDERS
AT TEACHING HOSPITALS OF
UNIVERSITY OF MEDICINE 2, YANGON**

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ABSTRACT

Medical store management is very important to develop effective health care system for countries. Health care providers who had high knowledge and good practice in medical store management can ensure ways to prevent pharmaceutical damage and control the quality of medicine. Therefore, this study was conducted to assess knowledge on medical store management and good storage practice among health care providers at six teaching hospitals of University of Medicine 2, Yangon, a cross-sectional study was conducted. Data were collected by using pretested self-administered questionnaire among 172 respondents who were supervising and running in medical store management. Chi square test and two-sided Fisher exact test were applied to determine the association between categorical variables. In this study, more female respondents involved. Respondents' age ranged from 20 to 60 years and over two third of respondents (67.4%) were graduated. Regarding work-related factors, about 40.7% of the respondents had over 20 years of government service and sister in rank. Nearly half (45.3%) of the respondents had one to ten years old experiences in medical store management. Among the respondents, only one fifth (20.9%) got training for medical store management but just only 13% within one year. It was found that 62.2% of the respondents had a high knowledge level and 54.1% had self-reported good practice. The knowledge level was statistically significant associated with Type of store, rank and training on medical store management ($p < 0.001$) respectively, and with experience ($p = 0.01$). Self-reported practice was statistically significant associated with government service and training on medical store management ($p = 0.005$) respectively, and with experience ($p < 0.001$). Moreover, there was statistically significant associated between knowledge and self-reported practice. According to this study, high level of knowledge leads to good practice. Thus, more training program on medical store management should be developed for all health care providers who are supervising and running medical stores. Moreover, on-the-job training and experience on medical store management were important to enhance knowledge and practice for those managing medical stores in the hospitals.