

北海道薬科大学における医薬情報学教育

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Education of the Drug Informatics at the Hokkaido College of Pharmacy

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Abstract :

Since 1993, the Hokkaido College of Pharmacy has established only one academic policy with a major emphasis on the higher level of pharmacy education to promote and advance the quality of pharmacists, who can in turn, contribute to pharmaceutical care. The curriculum for the bachelor degree contains the intensive drug informatics (DI) programs, which include 28 hrs of lectures, 3-days of intensive school based DI practice, and one month of hospital pharmacy practice as a clerkship. To develop and to enhance the level of DI skills with respect to various problems associated with the assessment and management of DI service in a clinical setting, each lecture includes one exercise regarding general clinical problems. Following the end of DI course, the quality of lectures and exercises were evaluated by students. More than 80% of students replied that the contents of the lectures are very useful for pharmaceutical care and the style of many exercises are very effective. Furthermore, approximately 90% of the students felt deficiencies of clinical knowledge, in English comprehension, computer-handling, and statistics in managing the DI service for pharmaceutical service. Following the hospital clerkship, students were interviewed to assess their feedback evaluation on the impact of class lectures and DI practice during clerkship. More than 60% of students replied that both the lectures and practice in the school are useful in their future career. However, only 30% of the students felt the DI practice using a computer was useful for the hospital clerkship. These student's surveys results might be a reflection of current situations in the hospital pharmacy with major dispensing services. This current discrepancy will be reduced as improving hospital pharmacy services.

Key words :

drug informatics educational programs pharmacy school hospital pharmacy practice curriculum