



**Service Priorities and Programmes**  
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**Healthcare Professionals' Attitudes toward the Implementation of Clinical Pharmacy Service on Paediatric Patient Care in Hong Kong**

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**Introduction**

Clinical pharmacists provide patient care that optimises the use of medication and promotes health and disease prevention. Clinical pharmacy service in paediatrics had been shown to improve the appropriate use of medicines and prevent adverse drug events. In Hong Kong, data of the service were collected but further studies are necessary to evaluate the quality of service.

**Objectives**

To explore the attitudes of doctors and nurses concerning the implementation of clinical pharmacy services (CPSs) in the paediatric units at United Christian Hospital.

**Methodology**

An online survey was conducted during April and May of 2017. The questionnaire was developed using thematic codes from focus groups and semi-structured interviews. Statements in the questionnaire were divided into four parts: performance, self-efficacy, patient and expectations. Data collected from all respondents were analysed as a whole but demographic differences between subgroups were also compared.

**Result**

A total of 95/150 respondents (63.3% response rate) completed the survey. They were satisfied with the performance of clinical pharmacists, with both professions agreed that CPS had a positive impact on their practice. 97.8% (91/93) of respondents believed that CPS had improved patient care. Respondents' expectations were met with all thirteen clinical services, including direct patient care and supporting services. It was found that nurses, in particular with less than five years of experience, have least understanding of the role of clinical pharmacists. Improvements on the current services such as parent counselling on N/PICU and drug use evaluation were identified. Additional services including Antimicrobial Stewardship Programme and Information Technology should be implemented in order to enhance the functionality

of the CPS.

Our study has showed that healthcare professionals are satisfied with the current CPS in place. We have identified areas which the current service could improve on; moreover, we have also explored possible additional services which could enhance the CPS to suit the service users' needs.