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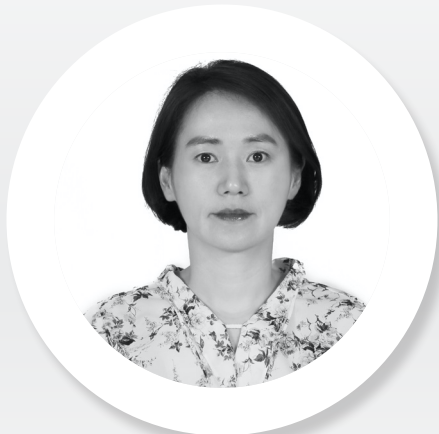
Developing a priority communication protocol (PCP) for inter-professional communication (IPC) in pediatric departments

This study aims to develop the PCP to enhance nurses-physician's cooperation by establishing a reporting guideline based on the severity of pediatric patients. The importance of IPC among health care professionals is well-known; however unproductive IPC leads to an information gap and inter-professional tensions interrupt workflow and potentially cause medical error. While most researchers studied to set up a standardized framework for IPC and priority reporting system, any protocol studies have not been performed in Korea until now. We developed the PCP that combines the pediatric early warning score (PEWS) manual after categorizing priorities by performing a survey of all pages on the pediatric wards at our AMCCH in 2017. The PCP has been proven by four pediatric physicians and six nurses specialized in pediatrics using the Content Validity Index (CVI=0.86) to validate each question. The PCP is designed to classify the priorities in notifying inpatient's situation and giving call backs on four categories. This study was done on 94 nurses and nine physicians using the questionnaire, Korean version of Nurse-Physician Collaboration Scale (K-NPCS) consists of 27 items in three areas, before and after applying the protocol. Overall, the mean value of pre and post K-NPCS data decrease positive feedback. Both the nurse's sharing of patient information ($t=2.879$, $p=0.005$) and the physician's cooperativeness ($p=0.008$) increase with statistically significant values. This study was to demonstrate the safety and effectiveness of the PCP, will contribute to the design of the protocol, tailored intervention and improvement IPC delivering safe and high quality pediatrics care.

Biography

So Lim Park has completed her Master's degree from Ulsan University. She is the Registered Nurse and the Registered Oncology Specialist in Korea. She is the certified Pediatric Hematology Oncology Nurse (CPHON). She is working as a Pediatric Nurse in the Asan Medical Center Children's Hospital.

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