DEVELOPING PATIENT SAFETY BY USING HAIPRO TOOL

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Patient safety can be improved by utilizing Health Information Technology (HIT). HaiPro is an electronic form for patient’s risk incident notification. Aim of our poster was to gather information on patient’s risk incidents in our unit and to connect these results with previous researches on patient safety. The data was collected from our unit’s HaiPro notifications during January 2011- November 2011. The goal was to present actions in order to improve patient safety in our unit.

Patient’s risk incident can occur in several phases of the nursing process. Many of these incidents can be avoided. HaiPro is an electronic form for patient’s risk incident notification. It is based on voluntary, non-judgmental and confidential use. The data was collected from the HaiPro notifications during January 2011- November 2011 which were reported of HUCH Neurosurgical ICU and Observation Unit (NeuroICU) health care staff and by a literature review. This literature review was not a formal research study.

HIT was reported in several studies to improve documentation and decrease medicine related unintended events. The literature review showed that patient safety risk rises during prescription and giving medicine and intra venous treatments. The health care staff of NeuroICU made 68 notifications during the research period. 62 (n=42) percent of the patient safety incidents did cause harm to patient and 38 (n=26) percent were close calls. Most of the notifications, 34 (n=23) percent, were related to medication including intra venous treatments, 12 (n=8) percent of the notifications were related to problems in communication and information management. (Graph 1: Type of events).

Development of patient safety gives the nursing staff better opportunities to offer high-quality and safe care. Safety should be incorporated in the processes of care. HaiPro notifications are handled frequently at the NeuroICU’s meetings. The main objective is the ability to use collected data. Education, electronic guidelines and flow information between departments are evaluated on basis of the HaiPro notifications. Due to the patient safety incidents the common daily working methods were changed e.g. barcode reader for patient identification is a good proposition for action to improve patient safety.