



Service Priorities and Programmes Electronic Presentations

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Enhancement Program to Improve Accuracy on Vital Parameters Monitoring for Healthcare Assistance on Acute Medical Unit

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Introduction

In acute care setting, patient's condition was complicated with changes rapidly. Nurses become an important person to recognize any change early and act timely to avoid further deterioration. Accurately collecting data is an indispensable element to affect clinical judgment on nurses and physicians. Nowadays, parts of the nursing assessments such as blood pressure and body temperature measurement, which are delegated by nurse, are carried by healthcare assistance. However, if they record parameters inaccurately, nurses could not make appropriate judgment. Thus, it is necessary to educate healthcare assistance how to collect and record data accurately.

Objectives

1. All healthcare assistance can collect and record patient's vital parameters accurately.
2. All healthcare assistance can report any change of patient's vital parameters.

Methodology

Content of the program Topics focus on several areas including method to collect and record data, and normal reading of vital parameters. For example, nurses taught healthcare assistance how to measure postural blood pressure. All details with rational support were requiring. Face-to-face training session All healthcare assistance were received a face-to-face training session on each topic with training notes provided; notes provided. They were required to participate in the refreshment training if failed during the evaluation or any information required further updates. Evaluation Evaluation was divided into two parts. Firstly, the program leader evaluated all healthcare assistance on the involved measurements in clinical settings. Secondly, on-going evaluation was undertaken by nurses during daily practice.

Result

Two topics were conducted in September 2014 to November 2015, eleven healthcare assistance in unit was participated the program, and they could demonstrate correct data collection, recording and reporting patient's parameters timely. Three to eight inaccurate collect or records of vital parameters by

healthcare assistance were reported at each month in February to April 2014. Only one of inaccurate record of vital parameters on related topic was reported in October to December 2015 after program conducted. Conclusion In view of the shortage of nursing staff, and high utilization rate on public hospital, parts of vital parameters are carried by healthcare assistance in daily practice. Thus, to enhance the healthcare assistance's ability to collect and recording vital parameters accurately has been an irresistible trend, to help nurses and physicians to recognize patient's condition timely, avoid further deterioration.