



Service Priorities and Programmes
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A CQI Project: Using the DDA Mobile Cart in Department of Clinical Oncology

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Introduction

The departmental workgroup is organized since February 2012, it's review the clinical practice in drug administration and unification the safe practice within the department. The workgroup has decided to perform Danger Drug Administration (DDA) to patient directly on bedside, for minimize the risk of wrong drug administration and time saving. Then, trial used the DDA Mobile Cart for over half year and studied that was effective and efficiency, so that the practice is consolidated from January 2014.

Objectives

1. To enhance patient Safety by zero incident in oral danger drug administration. 2. To standard the practice in DDA mobile Cart. 3. To enhance the effectiveness and efficiency in danger drug administration.

Methodology

1) Design the DDA Mobile Cart: The cart has designed by a nurse and tailed made by the manufacturer for several months, with colourful signage displays. 2) Define the workflow: To apply the danger drug administration (comply to 3 Check 5 Right principle) by operate the DDA Mobile Cart. 3) Using the DDA Mobile Cart: - Trial used in oncology ward from April to December 2013; - Daily used in AM and PM shift duties and custody by shift in-charge.

Result

1) From the trial period on April 2013, the net time consuming in different time was various, e.g. the average time in round at 07:00 was 11.7mins., at 11:00 was 16.49mins., at 16:00 was 16.5mins, at 19:00 was 12.4mins. 2) Half year review for the practice on November 2013, the net time consuming in the average time at 07:00 was 9.7mins., at 11:00 was 11.03mins., at 16:00 was 12.98mins., at 19:00 was 8.45mins. 3) The significant of time saving as 17%, 33.1%, 21.3% and 31.9% respectively at 07:00, 11:00, 16:00 and 19:00; 4) No medication incident after implemented the project. 5) The application of DDA Mobile Cart is consolidated on January 2014. Conclusions: Since the DD administration to patient directly on patient's bedside, the risk of wrong

administration is minimized. The nurses' feedback that they are satisfied to the application of DDA Mobile Cart and agreed that is enhanced job efficiency in view of time saving.