



Service Priorities and Programmes
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Improving 11B Treatment Room Management and Cultivating Safety Culture with Application of 5S Approach via Plan-Do-Study-Act (PDSA) Cycle

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OSH

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Storage Management

Safety

Tidy

Introduction

In response to the changing times, many new instruments are incorporated into the 11B ward, so the original stored setting of 11B Treatment Room are no longer appropriate: 1) wasting storage space; (2) affecting the operational efficiency and (3) leading to high risk of IOD.

Objectives

- 1.) To optimize working environment;
- 2.) To enhance daily operational efficiency on patient care;
- 3.) To strengthen safety and tidy culture.

Methodology

Plan: A working group was formed. 5S (Seri, Seiton, Seiso, Seiketsu and Shitsuke) management principle was adopted to guide the project. Pre-intervention assessment using the 5S checklist was performed and initiatives under each of the "S" were implemented afterward. To ensure persistence on 5S and foster safety culture, relevant working guidelines were reviewed. Do: Collect staff opinion on the design of Treatment Room storage system. Conduct detailed observatory study on staff daily workflow. Re-design ward storage system to enhance daily operation efficiency, e.g., Medication corner, Resuscitation corner, Computer corner...etc. Conduct staff opinion survey to doctors, nurses and supporting staff on the project.

Result

Study: For "Staff Opinion Survey", a set of questionnaires was sent to all ward doctors, nurses and supporting staff. 100% agreed Treatment Room being clean and tidy with clear marking and proper location of item storage: 93.5% agreed enhancement of daily operational efficiency and 95.7% agreed strengthening of Treatment Room

safety. Act: The application of 5S approach would be modified and extended based on the feedbacks. IOD would be compared before and after the application of 5S approach to determine its effectiveness.