



Service Priorities and Programmes
Electronic Presentations

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Submitting author: Miss Hsiao Wah WONG

Post title: Advanced Practice Nurse, Tseung Kwan O Hospital

Training system and staff collaboration in developing and fostering occupational safety and health (OSH) culture in Orthopaedics and Gynaecology ward

WongHW

Orthopaedics and Gynaecology Department, Tseung Kwan O Hospital

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Introduction

An effective safe management system in occupational safety and health (OSH) was important in work-related injuries prevention and health of staff protection. Through systematic OSH training system, relevant OSH knowledge, skills, training and assessments were ensured to deliver and perform to all staff with records. Through staff collaboration OSH improvement programs, it enhanced staff awareness and active participation in the relevant OSH issues. Therefore, a safe and healthy work environment created and maintained. OSH culture was developed and fostered on a continuous basis.

Objectives

To develop behavior-based safety programs to reduce relevant incidents
To enhance knowledge and skills via trainings, drills and sharing sessions
To create a positive safety culture in ward

Methodology

A series improvement program of occupational safety and health (OSH) was established and implemented in different aspects.

Renewal of OSH Training scheme. Apart from hospital mandatory training in MHO, fire safety and infection control, specific training in sharps instruments handling, radiation safety, chemical and cytotoxic drug safety were set up. All new recruited staff including institutes learners had to complete the training and assessments with records.

Behavior-Based Safety programs. As sharps injury and manual handling operation (MHO) related incidents were persistent the top 2 of injury-on-duty (IOD) in OSH issues in hospital, staff collaboration in behavior-based safety programs was developed and performed. Safe handling, checking and recording system of sharps instruments after minor surgical procedure in ward was set up. Reallocation, storage and maintenance system of Orthopaedics instruments and equipment in equipment

bank and ward under principles of MHO were set up and implemented. Radiation Safety. As xi-scan would be used to orthopaedics patients or mobile radiography to unfit transfer patients in ward, protection of radiation exposure to staff and patients in ward, especially in gynaecology ward, was essential. A guideline and record on maintenance of lead apron and safety principles of mobile radiography in ward were tailor-made, promoted and implemented. Chemical safety. Classification, reduction and storage with signage of various chemical substances in ward were reorganized with updated material safety data sheet (MSDS) record. Chemical safety including guideline of in-house rule of formalin and cytotoxic drug safety trainings, spillage managements and drills were performed with sharing session.

Result

All new recruited staff including institutes learners had completed the renewed occupational safety and health (OSH) training programs. There were 100% compliance rates of behavior-based safety (BBS) programs program in sharps instruments handling after minor surgical procedures in ward, no relevant sharps retained before sending for sterilization and no relevant IOD reported in total 124 cases from June, 2014 till January, 2017. In addition, systematic storage management with MHO principles of Orthopaedics instruments and equipments in equipment bank and ward maintained with 100% compliance rate. No relevant MHO incidents reported from November, 2014 to January, 2017. All staff had enhanced their knowledge and skills in radiation safety, chemical safety and cytotoxic safety via trainings, drills and sharing sessions.