



Service Priorities and Programmes
Electronic Presentations

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CQI Programme on “Display Screen Equipment” Safety in Tai Po Hospital

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Introduction

Good practice on safe use of display screen equipment (DSE) and workstation set up has always been promoted in order to minimize related cumulative and risk of musculoskeletal injuries. Concerns on use of DSE and workstation set up were raised by ward managers from various wards as a result of sequential ward renovation exercises; hence different display screen equipment and workstation set up existed in the wards.

Objectives

The CQI project aimed (1) to enhance safe use of DSE; (2) to promote the proper use of DSE; (3) to reduce DSE-related injuries at workplaces.

Methodology

An ad-hoc DSE working group was formed in late November, 2012. Seven wards from 3 clinical specialties in TPH were visited with on-site evaluation being carried out and problems identified. A DSE safety workshop was then arranged in January, 2013. Results of on-site evaluation were shared. DSE self-assessment checklist, DSE station set up quick reference cards and some equipment for further improvement in DSE set up were also distributed in the workshop. Use of improvement items was evaluated. Pre- and post-workshop DSE user satisfaction questionnaires were also collected.

Result

Common DSE related problems were inappropriate viewing distance, inappropriate viewing level, keyboard and mouse not placing at the same working level, lack of proper support at elbow and inadequate legroom. On the other hand, the DSE users were mostly satisfied with the existing display screen and office chair. There was low level of satisfaction on office table height as well as use of document holder and footrests. The use of keyboard and mouse seem to be satisfied among all users. It was also shown that the user satisfaction was improved after the DSE safety workshop. Conclusions: To deal with the various concerns raised by ward managers

regarding the use of DSE and workstation set up in TPH, the ad-hoc DSE working group had performed this CQI project to ensure the safety and appropriate use of DSE on various workstations of different wards. Various strategies were applied and there was improvement in user satisfaction as a whole.