



Service Priorities and Programmes Electronic Presentations

Convention ID: 722

Submitting author: Mr Man Chun CHAN

Post title: Advanced Practice Nurse, Queen Elizabeth Hospital, KCC

Non-stopped Sterilization Service during Renovation

NG MYM(1), YIM CCT(1), CHAN MC(1), PANG SY(1)

(1)Central Sterilization Services Unit, Queen Elizabeth Hospital

Keywords:

rennovation

sterilization service

Introduction

QEH CSSU commenced its service since 1999. Former structure and old aged equipment can no longer meet modern standard today. Thus, site renovation and replacement of old sterilizing equipment were planned. It posed a huge challenge to us as we have to maintain normal sterilization service while renovation is in progress simultaneously.

Objectives

To maintain normal services and provide sterilized items which safe to patient during renovation.

Methodology

Following measures were taken during renovation:

- 1.Implement work by phases
- 2.Collaboration meeting between multidisciplinary team of infection control, facility management, contractor and CSSU, Segregate service area and renovation site by temporary physical barriers
- 3.Segregate traffic route of staff and site workers
- 4.Monitor daily particle counts within the unit.
- 5.Major equipment were demolished and installed accordingly
- 6.Manpower shifting in order to increase utilization rate of equipments.
- 7.Replacement of some utensils and drapes into sterile proprietary products to reduce the workload of staff and equipment.

Result

The renovation had been started since 2Q 2014 and final stage of renovation will finish in 1Q 2016. We have set up a clear demarcation of clean and dirty area to prevent cross contamination of medical devices. We have replaced old equipment with new modernized validated machine. Our standard of practices was enhanced to keep up with the best practice in Sterile Supply Service.We have successfully maintained our services without interruption during renovation. With the use of modernized validated equipment, the effectiveness and efficiency of our services would be enhanced.