



Service Priorities and Programmes
Electronic Presentations

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Enhancement Program on Centralization of sterilization services from 6 sites to one central unit

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Introduction

In 2012, a survey/audit by the Consultancy on Sterilization Services recommended enhancement project on sterilization services in KWH. Consultancy recommended centralizing of sterilization services instead of satellite decontamination in various areas in a hospital as well as the cluster. After consultation and feasibility study, One-site-TSSU enhancement project was approved to centralize the sterilization services from 6 sites to one central unit in KWH.

Objectives

The objective of the project is to centralize the decontamination process into one-decontamination centre in 5 Floor, North Wing, and delimitate the other five in different floor in KWH before 31 March 2014.

Methodology

1) Evaluate, plan and re-design the logistic of One-Site TSSU work-flow and pathway so as to avoid cross-over of dirty and clean instrument work flow. 2) Initiate feasibility studies to evaluate the possibility and pitfall of the improvement program to centralize the decontamination process in one site. 3) Design the infrastructure of the One-Site TSSU and work-flow in-line with the recommended standard. 4) A designed life is used to transfer after-used instrument from different floor to the TSSU. A dumbwaiter is used to transfer sterilized instrument to different floor. 5) Replace the old decontamination machines

Result

One TSSU will be established before 31 March 2014. Five satellite decontamination areas will be demolished. The route of after-use medical instrument will not cross-over with the sterilized medical instrument. Automatic Endoscopic Preprocessors will be installed for decontamination of endoscope. The number of decontamination machine is diminished and the maintenance cost can be saved. The efficiency of the decontamination process will be enhanced. Outcome The One-site TSSU project centralizes the decontamination service, enhances the efficiency of the

decontamination process and reduces the cost of maintenance of number of machines.