



Service Priorities and Programmes
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Sustainable Sterilization Service during Close Down of CSSD, TMH in Fiscal Year 11/12

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Introduction

Through Hospital Accreditation exercise, we recognized there was an urgent need for upgrading the standard of practice in order to keep up with the best practice in Sterile Supply Service (SSS). With joint effort of multi-disciplinary, TMH CSSD was evacuated for renovation and the sterile supply production line was shifted to POH. During the renovation period, CSSD service could be maintained.

Objectives

1. To re-engineer TMH CSSD service for reprocessing of all surgical instrument with TSSU function. 2. To maintain an optimal sterilization service during close down of CSSD, TMH

Methodology

In order to provide a contemporary sterilization service in TMH, TMH CSSD has initiated the following measures:- 1. Training & development for equipping staff competency An 8-week Supporting Staff Secondment Scheme to operating theatre was conducted. A new training curriculum was adopted. 2. Management of CSSD staff Sharing updated information among all staff through formal and informal channel. Consulting staff opinion and encouraged staff participation Counseling staff to cope with change 3. Reengineering the sterilization service in TMH & POH in order to focus on value-added sterilization service Introduction of CSSD Topping up Service in TMH Provision of sterilization service to Operation theaters. Replacement linen and dressing items by sterile proprietary products, including sterile drape Hand over the supply role of sterile proprietary product to Central Distribution Center (CDC) 4. Reinforcement of customer focus to clinical department and OT Regular customer liaison meetings were conducted to drive change of sterilization practice. 5. Redevelopment of tracking and tracing system A CSSD self-developed computer

system was enhanced for tracking surgical instrument set throughout the reprocessing cycle within 2 hospitals 6. Collaboration with non-clinical department Multi-team approaches were adopted for logistic management of surgical instrument in every clinical department with strict “clean and dirty” principle. 7. Vigorous environmental control The Inspection, Assembly and Packing (IAP) area was complied with ISO standard 14644 on Class 8 particle count standard. Setting up a clear demarcation of clean and dirty area 8. Commissioning the new CSSD according to the best practice. An updated Quality Management System, complying with ISO 13485, was developed for governing the operation in new TMH CSSD All new and old decontamination equipment were validated according to international standard before serviceable. 9. Monthly management meetings were conducted to monitor and control the project.

Result

Through multi-department collaboration, CSSD had successfully undergone a large scale renovation without interruption of normal services. The multi-disciplinary approach demonstrated team work and assured CSSD service transformation in an effective and efficient way. Besides, optimal sterilization services have been maintained during TMH CSSD closed down for 15-month renovation and commissioning. The decontamination service in TMH is complying with the international standard of sterilization practice and fulfills the hospital accreditation requirements.