



**Service Priorities and Programmes**  
**Electronic Presentations**

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**Hand Hygiene Promotion Activity in CSSD**

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**Introduction**

Improving Hand Hygiene among healthcare workers is the single most effective intervention to reduce the risk of hospital-acquired infections. Staff working in Inspection, Assembly and Packing (IAP) room of CSSD who are responsible for checking, cleaning and assembly surgical instrument, are required to keep good hand hygiene so as not to contaminate the surgical instrument before sterilization.

**Objectives**

(1) to perform an effective hand hygiene before entering IAP room (2) to maintain cleanliness of surgical instrument for surgical operation

**Methodology**

Hand Hygiene monitoring was implemented at weekly intervals on a randomized schedule. Surprise checking of hand cleanliness by using ATP test to monitor hand hygiene of staff working in IAP room. The ATP result can be obtained in real time to facilitate monitoring effectively.

**Result**

From June to September 2017, total 120 monitoring tests were performed. Un-satisfied readings (> 600 RLU) were analyzed and feedback to concerned staff immediately. The overall result of hand hygiene audit was shared to all staff during weekly training session. Average readings were significantly declined from 1108 RLU to 299 RLU. The Hand Hygiene Promotion Activity was effective in raising staff awareness of hand hygiene practices and significant improving the overall hands cleanliness at IAP room.