



Service Priorities and Programmes Electronic Presentations

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Enhancement Project on: Capturing Photos of Consignment Instruments and Implants Used in Orthopaedic Surgery

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Keywords:

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Introduction

Most operating theatres in HA have encountered problem on duplicating of communication work when handling of consignment instruments and implants, especially it would waste the time of orthopaedic surgeon. Suppliers would deliver the requested instrument and implants for the arranged orthopaedic surgery, but without full commitment. As it could not guarantee availability instruments and implants, thus surgeon(s) needs to have phone dialogue with the instrument nurse / artisan for final confirmation. Thus a simple and facilitating mutual communication enhancement project is being put into trial in KWH Department of Anaesthesiology and Operating Theatre Services

Objectives

(1) To enhance risk management of patient's safety undergo surgery. (2) To ensure available of appropriate instruments & implants could be accessed by both surgeons and nurses anywhere through intranet after product delivery

Methodology

The project has been launched since 29th March, 2012. (1) All consignments instruments and implants would have photos capture procedure using a camera system after handover procedure. (2) Signal of the photos would be transmitted to a designated computer. (3) A link created by Information Technology Department which has been already linked up to surgeons' website in hospital intranet. (4) Surgeons and nurses can assess and preview photos

Result

A Satisfaction Survey which 54 related surgeons, nurses and artisans were opted to conduct in Feb 2013 with response rate 75% (surgeons 20%, nurses 68% and artisans 12%). 85% (35/41) agreed that this project ensure appropriate and sufficient instruments and implants delivery with mean score 0.83. Comparing overall average score (0.66), surgeon shows comparatively positive (1.58) when comparing with

artisans (-0.325) while nurses remain also positive (0.58). The item of lowest score include phone in time of surgeon for enquiry (0.29). However 88.9% (8/9) surgeons agreed that phone in time on instruments / implants enquiry was reduced (1.57)