



Service Priorities and Programmes
Electronic Presentations

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Going Paperless: Modernization of Labor Ward via Electronic Medical Record System

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Introduction

The concept of "paperless" in medical field is widely accepted and applied in AICU, PICU and NICU among HA hospitals with positive feedback. Gaining support from HAHO in 2016/17, the first electronic medical record system for obstetrics was installed in LW of QMH since Feb 2017. With the introduction of it, patients' labor record, progress notes as well as nursing Kardex are well documented in the computerized system. As a legal document, it is clear to read and easy for data retrieval. In addition to this, most of the important data and intrapartum events were logged by the computer and with e-signature by individual healthcare personnel. Besides, the system also support a central broadcasting 60" LCD monitor in replacing the white board system for case(s) hand over by various disciplines. The clear type-in details avoid misinterpretation by colleagues and enhance communication between them when compare with the old displace system.

Objectives

1. To modernize LW with electronic medical record system
2. To have a clear documentation of labor progress and treatment plan with e-signature of colleagues
3. To log all labor activities / events in the computerized system for data retrieval whenever necessary
4. To enhance communication between colleagues with clear type-in details of intrapartum cases

Methodology

Implement "Paperless" in LW in 2 phases:

Phase 1: Replacement of Progress notes and Nursing Kardex

Phase 2: Replacement of Labor Partogram

Result

Phase 1: Replacement of Progress notes and Nursing Kardex by the electronic medical record system was commenced in 1st Feb 2017 with positive feedback from all disciplines.

Phase 2: Replacement of Labor Partogram with the electronic record system in 3-4Q 2018 after fine tuning of the system configurations by vendor (in progress).