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Computerization of endoscope cabinet- Innovation development
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Introduction
Existing record system cabinets in ENT-SOPD lack of back up for record tracing and increasing demand of standard size thermal paper use which need to be changed frequently because of its small size. Changing recording paper in LTE cabinets is also time consuming.

Objectives
To ensure proper, accurate and safe in recording system of scope cabinets in ENT-SOPD and the effectiveness of manpower management

Methodology
After Reviewing and comparing other departments to explore alternative solution, LTE working group was formed. A proposed innovative idea Remote Data Archive (RDA) system for scopes cabinets was drafted to manufacturer and   site visit was arranged on 24.10.2017 with discussion on the possibility of the connection of computer system with HESD and Dltason engineer. On site installation Remote Data Archive (RDA) system was linked up to 4 sets of cabinets at Sept 2017. Two identical staff training sections on operation of Remote Data Archive (RDA)were held. USB for back up scope's data in YCH IT department was applied and   Remote Data Archive (RDA) software in computer was successfully installedat Dec 2017. The LTE Remote Data Archive (RDA)System was ready for delivery and the installation on 22/8, 29/8 & 1/9.

Result
It is a real-time scope store monitoring, easy to understand and user friendly,   have better documentation, cost effective and time saving. As users can obtain the storage information much easier, Nurse IC can have a better manpower management regarding scope washing schedule and endoscope supply to patients.
Reduction of department expenditure: Money Saving in the long run
1 Year Usage was around 26 Rolls Paper/ month for 4 Cabinets.Therefore, 312 Rolls / Year and cost about HKD 15,600per year can be saved.
With simple change in logistics, time is saved with positive feedback in staff satisfaction survey. It is easy to monitor and observe the real state of cabinets. RAD

system has demonstrated accurate, proper and safe record in 4 sets of cabinets and continuously improves the quality and safety of using Fibrioptic examination in ENT-SOPD YCH. There is no need to order the record paper from Oct 2017 which reduces department expenditure and manpower to serve and keep the printing paper.