



Service Priorities and Programmes
Electronic Presentations

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Use of iPad in resuscitation room

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Introduction

Integrating the use of tablets in healthcare settings is no longer a new practice in other countries, but it is still a new innovation in our locality. In June 2012, a pioneer project was carried out in A&E of a major regional hospital. Two iPads were mounted on the wall of two resuscitation rooms respectively to replace all the wall-paper type fact sheets like clinical guidelines, treatment protocols etc. Each iPad was connected to a 42" TV to facilitate communication amongst team members.

Objectives

(1) To study the feasibility of tablet technology as a major reference tool that aids clinical decision making in emergency department; (2) to ascertain how the tablet technology can improve the quality, safety and efficiency of patient care.

Methodology

Up-to-dated algorithms, guidelines, important work flow instructions and relevant information were pre-installed in the iPad. Quick access to drugs and drips preparation was enhanced. After a 6-month trial use, 14 staff, including 7 physicians and 7 nurses, were randomly selected to complete a survey regarding their views on the clinical use of tablet.

Result

Majority reported that the implementation of iPad empowered physicians and nurses, by providing a resource nearby for accessing relevant information about algorithms and medications especially during emergency situations. Easy to update, large storage capacity and environmental-friendly put it a great advantage. Meanwhile, adequate training, Internet access and the durability placed the highest concern. Conclusion With the technological advancements, the tablet market penetration will continue to expand over the decade. Many medical applications for tablets and smartphones have been developed and widely used by healthcare professionals. Well utilization of these medical applications and handy references, tablet technology would play a more important role in enhancing the perfection of providing patient care.