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Innovation in healthcare: Exploring mobile apps at pre-hospital and in-hospital settings (with a little focus on Dubai)**Alaa Al Amiry**

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The Year of Innovation (2015) has certainly paved the way for UAE organizations to integrate mobile apps into business operations for smart solutions. Strategically, many different industries have extensively utilized information technology (IT) as a tool for innovation in their operations. Smart apps are perceived as an inevitable hard trend that can effectively reform healthcare, which are already utilized by the healthcare industry worldwide. Literature review has revealed many examples of brilliant medical and healthcare related apps that are already on action. Although it is realized that pre-hospital settings or emergency medical services (EMS) are a vital part of the wider continuum of healthcare, we did not find any theoretical or empirical study on innovation in this field. We identify this as a gap in literature. The case of Emergency Medical Services (EMS): EMS is not entitled only to locals, as it caters International tourists and guests found in emergencies. In pre-hospital settings, it is especially important to have solutions for data accessibility that are reliable and effective in the versatile functions of EMS systems. Despite the lack of independent scientific research on mobile apps' impact on EMS systems, literature review has revealed many websites, articles and documents interested in such topic. There are vast numbers of mobile apps especially dedicated to EMS personnel; however, the majority of them are ready-to-use apps that are not designed by EMS systems themselves. This work will provide a glance at several examples of mobile apps in the healthcare industry and explore some at EMS. Moreover, it will exclusively provide examples of smart apps that are in use at healthcare facilities in Dubai.

Recent Publications

1. Al Amiry A (2015) Methicillin-resistant *Staphylococcus aureus*: An occupational health hazard in the pre-hospital setting. *Journal of Acute Disease*; 4(4): 274-276.
2. Al Amiry A, Bissell R A, Maguire B J and Alves D W (2013) Methicillin-resistant *Staphylococcus aureus* nasal colonization prevalence among Emergency Medical Services personnel. *Prehosp Disaster Med.*; 28(4): 348-352.

Biography

Alaa Al Amiry has vast experience in clinical and academic fields. She is also exposed to the administrative tasks through committees at her academic career, where she was assigned to put financial and strategic plans for her department. She has obtained her MS degree from UMBC, USA on Emergency Healthcare Services.

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