Effective Ophthalmic Care Delivery System via Mobile App System

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Introduction: A mobile App is a computer program designed to run on mobile devices such as smart phones and tablet computers. It also called mobile application, which is a term used to describe Internet applications that run on smart phones and other mobile devices. Over 60million Nigerians have access to internet and smart phones[1]. 90% of Nigeria internet Users accesses the internet via mobile smart phones/androids/I-pads[2]. The objective of this presentation is to highlight the effectiveness of a new mobile app in ophthalmic practice system specifically, its

Fig. 1. Several forms of mobile App

underserved areas and cosmopolitan congested emerging mega cities can access eye care via the platform. Patients can assess treatment at will. In terms of ophthalmic emergencies, patients can easily locate the nearest eye centre for prompt care.

Discussion: Mobile App is a software solution that can circumvent significant challenges patients in Nigeria faces is assessing eye care amidst scarce eye infrastructural, human resources and appaulling statistics of avoidable cataract blindness and low vision in the region when compared to similar electronic system in the developed world[3]. The ophthalmologists can have access to a platform to render specialist care to App – related patients more especially in the

Fig. 2: Black berry phone displaying mobile Apps

underserved areas in the country, and this platform is already a reality in the developed nations of the world[4]. Mega cities (Lagos,Abuja, Port Harcourt, Kano) challenges like traffic, housing/hotel bills, transportation cost, time consumption, and escorts availability can be resolved via the mobile Eye-App system to the barest minimum as seen in existing portals in the developed health system[5]. The App offers good time management system to both the front and end users as implemented in the European medical informatics system[6].

Conclusion: Mobile App is effective in providing qualitative information management system in the ophthalmic practice.

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