

Use of ICT in Providing Affordable Healthcare in Indonesia-A Case Study

Prof. Vinaytosh Mishra

Assistant Professor

FORE School of Management

New Delhi-110016

Email : vinaytosh@fsm.ac.in

Abstract

The role of Information and Communication Technology (ICT) in healthcare has been a topic of considerable interest in developing countries looking for solution to provide inclusive healthcare. The availability of affordable smartphones coupled with increased internet penetration has created conducive situation for adaptation of internet in healthcare. Use of telemedicine not only connect the higher centers with remote areas but also address the problem of shortage of doctors in these countries. This paper discusses the benefits of, and barriers to, the effective use of ICTs within the healthcare system. The paper then uses a case of Aceh Besar Midwives Mobile-Phone Project to discuss the effect of ICTs on maternal and infant healthcare in Indonesia. The paper does a theoretical contribution towards knowledge of ICT implementation in Healthcare in the context of developing countries like Indonesia.

Keywords: ICT, Healthcare, Inclusive Healthcare, Indonesia, mHealth

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