



Service Priorities and Programmes Electronic Presentations

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Infrared Body Temperature Screening System for GOPD

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Introduction

Early identification and early isolation are the vital strategy of preventing and controlling infectious disease outbreak, such as Flu, MERS Ebola and Zika. Temperature is one the major clinical indicator and it is critical for the triage station to identify the potential infectious case timely and accurately for unlimited number of people in GOPD. Hence, infrared body temperature screening system can provide a real-time, non-contact and non-invasive detection for unlimited number of people in one time, any person with abnormal high body temperature can be identified immediately and be re-confirmed the body temperature again under infection control measures. Possibility of undetected cases can be reduced. Moreover, instead of checking the body temperature of each visitor one by one by staff, infrared body temperature screening system can also save a lot of time and man power.

Objectives

Infrared body temperature screening system for a real time, non-contact and non-invasive detection for massive number of people at GOPD in one time, so as to identify the potential infectious case timely and accurately, and reduce the possibility of undetected cases.

Methodology

Infrared body temperature screening system in GOPD, rather than checking the body temperature one by one.

Result

Total 44295 out-patient from Dec 2015 to Jan 2016 were screened for any potential infectious. Manpower has been saved and the risk of cross contamination by

checking body temperature face by face has been largely reduced.