

- Title** Mobile Phone With Portable Electrocardiogram (ECG) Device
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- Reference** Technology Review Report, 012/2013, online:  
[http://www.moh.gov.my/index.php/database\\_stores/store\\_view\\_page/30/215](http://www.moh.gov.my/index.php/database_stores/store_view_page/30/215)

### **Aim**

To assess the safety and effectiveness of mobile phone with portable electrocardiogram device for early detection of heart disease involving abnormal heart signal .

### **Conclusions and results**

There was no retrievable evidence on mobile phone with portable ECG device from the electronic databases. One full text articles included in this review was provided by the authorized distributing company based in Malaysia. There was no retrievable evidence on the cost effectiveness and adverse effect of the mobile phone with portable ECG device.

### **Methods**

Electronics databases were searched through the MEDLINE(R) In-process and other Non-Indexed citations and Ovid Medline(R) 1948 to present, EBM Reviewa – Cochrane Central Register of Controlled Trials and EBM Reviews – Health Technology Assessment. Other database was PubMed, Cochrane Library, Australia and New Zealand Horizon Scanning Network (ANZHSN) and US Food and & Drugs Administration (US FDA).

### **Further research/reviews required**

Clinical diagnostic research is required to determine its effectiveness before this device can be used in any MOH clinics routinely.

### **Written by**

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