

- Title** Inexscreen as a Screening Test for Ectopic Pregnancy and Miscarriage
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- Reference** Technology Review Report 021/14, online:
http://www.moh.gov.my/index.php/database_stores/store_view_page/30/250

Aim

To assess the safety, effectiveness (diagnostic accuracy) and cost-effectiveness of Inexscreen as a screening tool for ectopic pregnancy and miscarriage.

Conclusions and results

There was limited retrievable fair level of evidence on the safety and effectiveness (diagnostic accuracy) of Inexscreen as a screening test for ectopic pregnancy and miscarriage. The evidence showed that Inexscreen test has a sensitivity of 92.6% and a specificity of 83% when used in women who presented to the emergency gynaecology departments with vaginal bleeding and / or vaginal pain. However, when used in women who attended the gynaecology emergency department for any reason, the sensitivity and specificity of Inexscreen as a screening test for ectopic and miscarriage was only 13% and 82% respectively. There was no retrievable evidence on the cost-effectiveness of this technology.

Recommendations (if any)

Based on the above review, the use of Inexscreen as a screening test for ectopic pregnancy and miscarriage is recommended for research purposes to provide more high quality evidence.

Methods

Electronic databases were searched, which included PubMed, Medline, Journal @ Ovid full text via OVID, OVID EBM Reviews - Cochrane central register of controlled trials, EBM Reviews - Cochrane database of systematic review, FDA website, and from non-scientific database - Google search engine. In addition, a cross-referencing of the articles retrieved was also carried out accordingly to the topic. Relevant articles were critically appraised and evidence graded using NHS Centre for Reviews and Dissemination (CRD) University of York, Report Number 4 (2nd Edition)

Further research/reviews required

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