

- Title** Antimicrobial Dressing with Activated Carbon Fibre (ACF)
- Agency** HTA Malaysia, Health Technology Assessment Section, Medical Development Division, Ministry of Health Malaysia
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- Reference** Technology Review Report – 013/2014, online:
http://www.moh.gov.my/index.php/database_stores/store_view_page/30/239

Aim

To review evidence on the safety, efficacy/effectiveness and cost-effectiveness of BCT™ Antimicrobial Dressing with ACF for wound care.

Conclusions and results

There was very limited and fair quality of retrievable evidence from the scientific databases to suggest that the use of BCT™ Antimicrobial Dressing with ACF is effective in wound care. There was no report of adverse events on the use of this technology. However, it has been approved by United States Food and Drug Administration (US FDA) and classified as class II and class IIb medical device in Canada and Taiwan respectively.

Recommendations (if any)

The use of BCT™ Antimicrobial Dressing with ACF 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, Horizon scanning databases - Centre, Birmingham, Australia and New Zealand Horizon scanning (ANZHSN), FDA website, MHRA 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 US/Canadian Preventive Services Task Force.

Further research/reviews required

Research is warranted to provide high quality scientific evidence to provide more high quality evidence.

Written by

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