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Title **G-VIR® Glove**

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Reference Technology Review Report, 023/08.
http://medicaldev.moh.gov.my/uploads/23.gvir.pdf

Aim

To assess the safety, effectiveness, and cost effectiveness of G-VIR® glove.

Conclusions and results

There is poor evidence that G-VIR® gloves are safe and offer mechanical protection (glove barrier) especially in the surgical setting. No randomized controlled trials demonstrate clinical tolerance and effectiveness of this device. As regards cost implications, this technology is reported to be more expensive than the current practice in high-risk surgeries using double gloves.

Recommendation

This technology is not recommended until more clinical research is obtained.

Methods

The literature search included the following electronic databases: HTA sites, eg, INAHTA, ANZHSN, EuroScan, ARSENIPS; EBM reviews; Cochrane Database of Systematic Reviews; Cochrane Database of Clinical Trial Registers; MEDLINE, Current Contents, Cochrane Controlled Trials Registry; and general databases, eg, Google and Yahoo. The manufacture's website was also searched for further information.

The databases were searched using the following search terms: glove, surgical glove, virus inhibiting, HIV/HCV, protection, blood exposure accident, blood-borne viruses, needle puncture, viral contamination. No limitations were imposed on the search.

Further research/reviews required

Further randomized controlled trials are required to demonstrate the safety and effectiveness of this technology compared to double gloving.

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