



Title	Portable Oxygen Generator System - Gastec® System
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Reference	Technology Review Report, 007/08. http://medicaldev.moh.gov.my/uploads/oxygen.pdf

Aim

To assess the safety, effectiveness, and cost effectiveness of the portable oxygen generator system – Gastec® System.

Conclusions and results

No scientific evidence is available on the safety or effectiveness of the portable oxygen generator system – Gastec® System.

Recommendations

Oxygen therapy is an established technology, although no scientific evidence is available on the safety and effectiveness of Gastec® System. It was proposed that the Engineering Division of the Ministry of Health in Malaysia carry out a technical evaluation of this technology.

Methods

The following electronic databases were used to search the literature: HTA sites, including INAHTA, ANZHSN, EUROScan, and ARSNEPS; EBM reviews; Cochrane Database of Systematic Reviews; MEDLINE (1966 - 17th April, 2008), Current Contents, Cochrane Controlled Trials Registry, and general databases, eg, Google and Yahoo. The manufacture's website was also searched for further information.

These databases were initially searched using the search terms: oxygen generator, onsite oxygen generator, portable oxygen generating system, oxygen gas generator, GASTEC, pressure swing adsorption OR vacuum swing adsorption. No limitations were imposed on the search.