

- Title** Endostat™ Antimicrobial Treatment
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- Reference** Technology Review Report, 009/2013, online:  
[http://www.moh.gov.my/index.php/database\\_stores/store\\_view\\_page/30/213](http://www.moh.gov.my/index.php/database_stores/store_view_page/30/213)

### Aim

To assess the efficacy, safety and cost effectiveness of EndoStat™ antimicrobial treatment to be used as surface disinfectant in the MOH hospitals and healthcare facilities.

### Conclusions and results

There was no retrievable published evidence on the efficacy, safety and cost effectiveness of EndoStat™ antimicrobial treatment or self sanitizing technology. Only limited unpublished evidence provided by the manufacturer was available. Nevertheless the microbiological testing provided demonstrated that EndoStat™ antimicrobial treatment seemed to be effective against bacteria, fungi and virus. EndoStat™ antimicrobial treatment was also registered with the USEPA (Registration number: 70871-16-23). Quaternary Ammonium compounds, which is the active ingredient of EndoStat™ antimicrobial treatment is low-level disinfectant which can be used in ordinary environmental sanitation of non-critical surfaces, as classified by USCDC.

### Recommendations

EndoStat™ antimicrobial treatment can be used as low level disinfectant on non-critical surfaces.

### Methods

Literature were searched through electronic databases which included PubMed, Medline, Cochrane Database of Systematic Reviews, Cochrane Database of Controlled Trial, Health Technology Assessment, National Horizon Scanning, other websites; INAHTA, ASERNIP-S, CADTH, FDA, MHRA and general databases such as Google. Additional articles retrieved from reviewing the bibliographies of retrieved articles or contacting the authors. A critical appraisal of all relevant literature was performed using Critical Appraisal Skills Programme (CASP) checklists and the evidence graded according to the US/Canadian Preventive Services Task Force Level of Evidence (2001).

### Written by

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