Operative und minimalinvasive lungenvolumenreduktion bei patienten mit lungemmyphysm
[Effectiveness and efficacy of minimally invasive lung volume reduction surgery for emphysema]

Pertl D, Eisenmann A, Holzer U, Renner AT, Valipour A

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Authors' objectives
This report deals with the effectiveness and cost-effectiveness of minimally invasive methods compared to other treatments for LVR in patients with lung emphysema. Furthermore, legal and ethical aspects are discussed.

Authors' conclusions
No clear benefit of minimally invasive methods (VATS, valves, stents, vapour ablation) compared to surgical methods (MS) can be demonstrated based on the identified and included evidence, because of the lack of direct comparative studies. In order to assess the different methods for LVR regarding their relative effectiveness and safety in patients with lung emphysema direct comparative studies are necessary.

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Address for correspondence
German Agency for Health Technology Assessment at the German Institute for Medical Documentation and Information, Waisenhausgasse 36-38a, D-50676 Cologne Germany Email: dahta@dimdi.de

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