Perkutane transluminale septale Myokardablation/ PTSMA bei PatientInnen mit hyper-throph-obstruktiver Kardiomyopathie [Percutaneous transluminal septal myocardial ablation (PTSMA) in hypertrophic obstructive cardiomyopathy (HOCM)]

Wild C

Record Status
This is a bibliographic record of a published health technology assessment from a member of INAHTA. No evaluation of the quality of this assessment has been made for the HTA database.

Citation

Authors' objectives
Hypertrophic cardiomyopathy (HCM) is a rare primary myocardial disease with a prevalence of 0.2%. HCM is hereditary and frequently appears in familial clusters. In a portion of the patients (approx. 70%) it results, under exertion, to an obstruction of the left ventricular outflow tract: hypertrophic-obstructive cardiomyopathy/HOCM. HOCM is associated with sudden cardiac death. In addition to conventional methods (medicines), interventional or operative methods are also applied in the treatment of symptomatic HOCM patients.

Authors' conclusions
The question whether PTMSA is equal or non-inferior to myectomy – in efficacy and safety – has been controversially discussed in forums for a long time. Three international professional societies have recommended myectomy as 1st line therapy. Since it concerns a very small, well-defined patient group and a volume increase is not to be expected, it is recommended that the intervention should only be carried out in highly-specialised centres with many years of experience in the interventional treatment of cardiomyopathies in Austria – upon the condition of participating in one of the already existing registries.

Final publication URL
http://eprints.hta.lbg.ac.at/1006

Indexing Status
Subject indexing assigned by CRD

MeSH
Cardiomyopathy, Hypertrophic; Heart Septums; Catheter Ablation

Language Published
German

Country of organisation
Austria

English summary
An English language summary is available.

Address for correspondence
Ludwig Boltzmann Institute fuer Health Technology Assessment (LBI-HTA), Garnisongasse 7 rechte Stiege Mezzanin (Top 20), 1090 Vienna, Austria. Tel: +43 1 236 8119 - 0 Fax: +43 1 236 8119 - 99
AccessionNumber
32013000922

Date abstract record published
11/12/2013