Comparative effectiveness of endovenous laser therapy versus conventional surgery for symptomatic varicose veins: a review of reviews

HAYES, Inc

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’ conclusions
The goal of endovenous laser ablation (EVLA) is to use laser energy to seal off the damaged portions of varicose veins, prevent further varicose vein formation, eliminate associated discomfort, and improve cosmetic appearance. This therapy is intended primarily for the treatment of varicose veins that result from great saphenous vein (GSV), small saphenous vein (SSV), or saphenofemoral junction (SFJ) reflux. Rationale: Compared with conventional vein stripping or ligation procedures, EVLA may reduce postoperative morbidity, as well as shorten recovery time. Controversy: There is a need to compare alternative treatments with conventional surgery with respect to rates of retreatment and patient-centered outcomes. Factors such as contraindications for EVLA (e.g., extremely tortuous veins that do not allow for passage of the catheter) may influence decisions about treatment. Relative costs, patient preference, and patient selection criteria are also contextual factors of interest to payers, providers, and patients. Relevant Questions: Among patients being treated for varicose veins, what is the clinical effectiveness of endovascular laser ablation (EVLA) compared with ligation with or without stripping? Among patients being treated for varicose veins, what are the harms associated with endovascular laser ablation (EVLA) compared with ligation with or without stripping? Have definitive patient selection criteria been established for the use of endovascular laser ablation (EVLA) in patients with symptomatic varicose veins?

Final publication URL
The report may be purchased from: http://www.hayesinc.com/hayes/crd/?crd=71526

Indexing Status
Subject indexing assigned by CRD

MeSH
Humans; Laser Therapy; Low-Level Light Therapy; Varicose Veins

Language Published
English

Country of organisation
United States

English summary
An English language summary is available.

Address for correspondence
HAYES, Inc., 157 S. Broad Street, Suite 200, Lansdale, PA 19446, USA. Tel: 215 855 0615; Fax: 215 855 5218 Email: hayesinfo@hayesinc.com

AccessionNumber
32018000019
Date abstract record published
30/01/2018