Negative pressure wound therapy for chronic wounds: home use

HAYES, Inc.

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

Citation

Authors' objectives
Negative pressure wound therapy (NPWT) is a treatment for acute, subacute, and chronic wounds that involves the application of subatmospheric pressure to the open wound, with the goal of creating a controlled, closed wound amenable to surgical closure, grafting, or healing by secondary intention. NPWT is intended as an adjunct treatment for wounds that are refractory to standard treatment. This report evaluates the effectiveness and safety of the home use of NPWT for chronic wounds. Controversy: There is controversy regarding the benefits and harms associated specifically with the outpatient or home use of NPWT compared with other available wound treatments. Relevant Questions: What is the clinical effectiveness of NPWT in the home or outpatient settings for treatment of chronic wounds (i.e., venous leg ulcers, arterial leg ulcers, diabetic foot ulcers, pressure ulcers, and mixed etiology chronic wounds)? Does the effectiveness of NPWT or incidence of adverse events vary by clinical history (e.g., diabetes), wound characteristics (e.g., size, chronicity), duration of treatment, types of device, or patient characteristics (e.g., age, sex, prior treatments, smoking, or other medications)? What are the harms associated with home use of NPWT? Have definitive patient selection criteria for NPWT been established?

Final publication URL
The report may be purchased from: http://www.hayesinc.com/hayes/crd/?crd=55926

Indexing Status
Subject indexing assigned by CRD

MeSH
Humans; Home Care Services; Negative-Pressure Wound Therapy; Wound Healing

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
32017000061

Date abstract record published
05/01/2017