

# VenUS III: Ultrasound for venous leg ulcers

<b>Submission date</b> 06/06/2005	<b>Recruitment status</b> No longer recruiting	<input type="checkbox"/> Prospectively registered <input checked="" type="checkbox"/> Protocol
<b>Registration date</b> 09/06/2005	<b>Overall study status</b> Completed	<input type="checkbox"/> Statistical analysis plan <input checked="" type="checkbox"/> Results
<b>Last Edited</b> 21/07/2011	<b>Condition category</b> Circulatory System	<input type="checkbox"/> Individual participant data

**Plain English summary of protocol**  
Not provided at time of registration

## Contact information

**Type(s)**  
Scientific

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## Additional identifiers

**Protocol serial number**  
HTA 02/37/03

## Study information

**Scientific Title**

**Acronym**  
VenUS III

## **Study objectives**

Low dose ultrasound will accelerate the healing of 'hard to heal' venous leg ulcers used in addition to compression bandaging

## **Ethics approval required**

Old ethics approval format

## **Ethics approval(s)**

Added 21 August 2008: Favourable ethics review provided by York Research Ethics Committee (UK) on 04/02/2005 (Ref 05/Q1108/3).

## **Study design**

Randomised controlled trial

## **Primary study design**

Interventional

## **Study type(s)**

Treatment

## **Health condition(s) or problem(s) studied**

Venous ulcers

## **Interventions**

Low dose ultrasound administered weekly for 12 weeks, for between 5 and 10 minutes using in conjunction with compression therapy versus compression therapy alone.

## **Intervention Type**

Other

## **Phase**

Not Specified

## **Primary outcome(s)**

Time to complete healing of all ulcers.

## **Key secondary outcome(s)**

1. Proportion of patients with all ulcers healed at 24 weeks
2. Costs of healing ulcers
3. Health related quality of life
4. 12 month recurrence rate

## **Completion date**

30/10/2009

## **Eligibility**

### **Key inclusion criteria**

People with venous ulcers treated in community or hospital out-patients with venous ulcers defined as hard to heal based on their being larger than 5 cm<sup>2</sup> or of greater than 6 months

duration (or both).  
Able and willing to give informed written consent.

**Participant type(s)**

Patient

**Healthy volunteers allowed**

No

**Age group**

Adult

**Sex**

All

**Key exclusion criteria**

Active infection in the ulcer, presence of shrapnel or joint replacements near ulcerated area; allergy to ultrasound transmission gel.

**Date of first enrolment**

01/05/2005

**Date of final enrolment**

30/10/2009

**Locations****Countries of recruitment**

United Kingdom

England

**Study participating centre****School of Healthcare**

Leeds

United Kingdom

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**Sponsor information****Organisation**

Department of Health (UK)

**ROR**

<https://ror.org/03sbpja79>

# Funder(s)

## Funder type

Government

## Funder Name

NIHR Health Technology Assessment Programme - HTA (UK)

# Results and Publications

## Individual participant data (IPD) sharing plan

### IPD sharing plan summary

Not provided at time of registration

## Study outputs

Output type	Details	Date created	Date added	Peer reviewed?	Patient-facing?
<a href="#">Results article</a>	results	01/05/2009		Yes	No
<a href="#">Results article</a>	results	01/03/2011		Yes	No
<a href="#">Results article</a>	results	08/03/2011		Yes	No
<a href="#">Protocol article</a>	protocol	01/01/2006		Yes	No
<a href="#">Study website</a>	Study website	11/11/2025	11/11/2025	No	Yes