ISRCTN28389872 https://doi.org/10.1186/ISRCTN28389872

Treatment with doxycycline to promote the healing of chronic venous ulcer and markers of chronic venous insufficiency

Submission date 30/09/2005	**Recruitment status** No longer recruiting	[_] Prospectively registered [_] Protocol [_] Statistical analysis plan [_] Results [_] Individual participant data [_] Record updated in last year
Registration date 30/09/2005	**Overall study status** Completed	
Last Edited 02/02/2017	**Condition category** Circulatory System	

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
N0013146069

Study information

Scientific Title
Treatment with doxycycline to promote the healing of chronic venous ulcer and markers of chronic venous insufficiency: a randomised controlled trial

Study objectives
1. Is haemosiderin a reliable marker for venous insufficiency?
2. Does the inhibition of matrix metalloproteinase play any role in the healing of ulcer?

Ethics approval required
Old ethics approval format

Ethics approval(s)
Not provided at time of registration

Study design
Randomised controlled trial

Primary study design
Interventional

Study type(s)
Treatment

Health condition(s) or problem(s) studied
Cardiovascular: Venous ulcers

Interventions
Patients will be randomised into either treatment or control group. Each group will be matched according to ulcer size. The treatment group will take two daily 100mg of doxycycline and the patients in the control group will take matched placebo tablets. A biopsy from the ulcer will be obtained before the start of the study and at 8 weeks. Sample will be used to determine the Matrix Metalloproteinase (MMPs) level.

Intervention Type
Drug

Phase
Not Applicable

Drug/device/biological/vaccine name(s)
Haemosiderin

Primary outcome(s)
Ulcer sizes, complete or incomplete healing

Key secondary outcome(s))
Not provided at time of registration

Completion date
01/12/2007

Eligibility

Key inclusion criteria
Not provided at time of registration

Participant type(s)
Patient

Healthy volunteers allowed
No

Age group
Not Specified

Sex
Not Specified

Key exclusion criteria
Not provided at time of registration

Date of first enrolment
01/09/2003

Date of final enrolment
01/12/2007

Locations

Countries of recruitment
United Kingdom

England

Study participating centre
Guy's and St Thomas' NHS Foundation Trust
London
United Kingdom
SE1 7EH

Sponsor information

Organisation
Department of Health

Funder(s)

Funder type
Government

Funder Name
Guy's and St. Thomas' NHS Foundation Trust (UK)

Funder Name
Own Account - NHS R&D Support Funding

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?
Participant information sheet	Participant information sheet	11/11/2025	11/11/2025	No	Yes