

The use of topical glyceryl trinitrate (GTN) for the treatment of plantar fasciitis. A prospective double-blinded randomised trial

Submission date 29/09/2006	Recruitment status No longer recruiting	<input type="checkbox"/> Prospectively registered
Registration date 29/09/2006	Overall study status Completed	<input type="checkbox"/> Protocol
Last Edited 29/01/2015	Condition category Musculoskeletal Diseases	<input type="checkbox"/> Statistical analysis plan
		<input type="checkbox"/> Results
		<input type="checkbox"/> Individual participant data
		<input type="checkbox"/> Record updated in last year

Plain English summary of protocol

Not provided at time of registration

Contact information

Type(s)

Scientific

Contact name

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Contact details

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Additional identifiers

Protocol serial number

N0055166069

Study information

Scientific Title

The use of topical glyceryl trinitrate (GTN) for the treatment of plantar fasciitis: a prospective double-blinded randomised trial

Study objectives

Does the use of a topical GTN patch used with pressure relieving insoles and stretching exercises improve the symptoms of plantar fasciitis (heel pain) compared with current treatments?

Ethics approval required

Old ethics approval format

Ethics approval(s)

Not provided at time of registration

Study design

Double blinded randomised trial

Primary study design

Interventional

Study type(s)

Treatment

Health condition(s) or problem(s) studied

Musculoskeletal Diseases: Plantar fasciitis

Interventions

One group will receive pressure relieving insoles and GTN patches, the other will receive pressure relieving insoles and placebo patches. Both groups will be instructed as to the use of the patches.

Intervention Type

Drug

Phase

Not Applicable

Drug/device/biological/vaccine name(s)

Topical glyceryl trinitrate

Primary outcome(s)

Subjective, using questionnaires with visual analogue pain score

Key secondary outcome(s)

Not provided at time of registration

Completion date

30/07/2008

Eligibility**Key inclusion criteria**

2 groups of 40 patients with chronic heel pain.

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Adult

Sex

All

Key exclusion criteria

Not provided at time of registration

Date of first enrolment

01/08/2005

Date of final enrolment

30/07/2008

Locations**Countries of recruitment**

United Kingdom

England

Study participating centre

North Cumbria Acute Hospitals NHS Trust

Carlisle

United Kingdom

CA2 7HY

Sponsor information**Organisation**

Record Provided by the NHSTCT Register - 2006 Update - Department of Health

Funder(s)**Funder type**

Hospital/treatment centre

Funder Name
North Cumbria Acute Hospitals NHS Trust (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?
Participant information sheet	Participant information sheet	11/11/2025	11/11/2025	No	Yes