

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

<b>Submission date</b> 29/09/2006	<b>Recruitment status</b> No longer recruiting	<input type="checkbox"/> Prospectively registered
<b>Registration date</b> 29/09/2006	<b>Overall study status</b> Completed	<input type="checkbox"/> Protocol
<b>Last Edited</b> 29/01/2015	<b>Condition category</b> 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

Ms Gail Ferrier

### Contact details

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Carlisle  
United Kingdom  
CA2 7HY

## Additional identifiers

EudraCT/CTIS number

IRAS number

ClinicalTrials.gov number

Secondary identifying numbers

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

## Secondary study design

Randomised controlled trial

## Study setting(s)

Not specified

## Study type(s)

Treatment

## Participant information sheet

Not available in web format, please use the contact details below to request a patient information sheet

## 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 measure**

Subjective, using questionnaires with visual analogue pain score

**Secondary outcome measures**

Not provided at time of registration

**Overall study start date**

01/08/2005

**Completion date**

30/07/2008

## **Eligibility**

**Key inclusion criteria**

2 groups of 40 patients with chronic heel pain.

**Participant type(s)**

Patient

**Age group**

Adult

**Sex**

Both

**Target number of participants**

80

**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**

England

United Kingdom

**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

### **Sponsor details**

The Department of Health  
Richmond House  
79 Whitehall  
London  
United Kingdom  
SW1A 2NL  
+44 (0)20 7307 2622  
dhmail@doh.gsi.org.uk

### **Sponsor type**

Government

### **Website**

<http://www.dh.gov.uk/Home/fs/en>

## **Funder(s)**

### **Funder type**

Hospital/treatment centre

### **Funder Name**

North Cumbria Acute Hospitals NHS Trust (UK)

## **Results and Publications**

### **Publication and dissemination plan**

Not provided at time of registration

### **Intention to publish date**

### **Individual participant data (IPD) sharing plan**

**IPD sharing plan summary**  
Not provided at time of registration