

# The effectiveness of manipulation therapy on joint mobility in the diabetic foot

<b>Submission date</b> 12/09/2003	<b>Recruitment status</b> No longer recruiting	<input type="checkbox"/> Prospectively registered
<b>Registration date</b> 12/09/2003	<b>Overall study status</b> Completed	<input type="checkbox"/> Protocol
<b>Last Edited</b> 19/07/2017	<b>Condition category</b> Nutritional, Metabolic, Endocrine	<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

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## Additional identifiers

**Protocol serial number**  
N0226114890

## Study information

**Scientific Title**  
The effectiveness of manipulation therapy on joint mobility in the diabetic foot

**Study objectives**

To investigate the effectiveness of manipulation therapy in improving joint mobility in the diabetic foot; to determine the range of motion at the first metatarso-phalangeal joint and ankle joint before and after manipulation therapy; to determine plantar foot pressures before and after manipulation therapy.

**Ethics approval required**

Old ethics approval format

**Ethics approval(s)**

Not provided at time of registration

**Primary study design**

Interventional

**Study design**

Randomised controlled trial

**Study type(s)**

Treatment

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

Nutritional, metabolic and endocrine diseases: Diabetic foot ulcer

**Interventions**

Patients randomised to both the study and control groups will have the range of motion at the 1st metatarso-phalangeal and ankle joint measured.

The study group will then have the manipulation therapy.

In the control group, patients will have joint mobility and foot pressure measurements at 6 weeks apart, with option for manipulation therapy after completion of the study.

**Intervention Type**

Other

**Phase**

Not Specified

**Primary outcome(s)**

Change in joint mobility at first metatarso-phalangeal and ankle joint after manipulation treatment.

**Key secondary outcome(s)**

Not provided at time of registration

**Completion date**

01/04/2004

**Eligibility****Key inclusion criteria**

12 patients (attending the MFH, MDC, DSC and community podiatry clinics) with a positive prayer sign, neuropathy disability score of >6, presence of at least one foot pulse.

**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**

01/04/2003

**Date of final enrolment**

01/04/2004

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

United Kingdom

England

**Study participating centre**

**South Manchester University Hospitals NHS Trust**

Manchester

United Kingdom

M20 2LR

**Sponsor information****Organisation**

Department of Health (UK)

**Funder(s)**

**Funder type**  
Government

**Funder Name**  
South Manchester University Hospitals NHS Trust (UK)

## **Results and Publications**

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

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