

Clinical trial of insoles for heel pain

Submission date 23/04/2008	Recruitment status No longer recruiting	<input type="checkbox"/> Prospectively registered
Registration date 31/07/2008	Overall study status Completed	<input type="checkbox"/> Protocol
Last Edited 06/05/2016	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

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Additional identifiers

Protocol serial number

CT222

Study information

Scientific Title

A randomized controlled trial to evaluate the effectiveness of insoles to treat plantar heel pain

Acronym

HELP Trial

Study objectives

A functional insole and a silicon gel heel pad will each produce greater improvements in heel pain compared to a sham control group.

Ethics approval required

Old ethics approval format

Ethics approval(s)

Ethics Committee, University of Salford, 23/03/2008, ref: 07/054

Primary study design

Interventional

Study design

Randomised, single-blinded (subjects blinded), single-centre trial

Study type(s)

Treatment

Health condition(s) or problem(s) studied

Plantar heel pain

Interventions

The participants will be randomly allocated to the following three arms:

1. Intervention group 1: Orthaheel® regular. This is a 3/4 length insole with arch shape which is positioned under the heel and the middle of the foot. It is inserted into shoes and worn daily.
2. Intervention group 2: Orthaheel® gel heel pad. This is a silicon gel based insole which is positioned under the heel. It is inserted into shoes and worn daily.
3. Sham control group: Flat 3 mm soft insole with fabric cover

Subjects are blinded to their group allocation.

Intervention Type

Other

Phase

Not Specified

Primary outcome(s)

1. Foot pain
2. Foot health related function

Foot pain will be measured primarily using a 0-10 visual analogue scale. The Foot Health Status Questionnaire (FHSQ) will be used to provide categorical assessment of pain and foot health related function.

Primary timepoint of interest: 4 weeks

Key secondary outcome(s)

1. Use of insoles (in time)
2. Foot pain at 3, 6 and 12 months (see Primary outcome measures for details)
3. Foot health related function at 3, 6 and 12 months (see Primary outcome measures for details)

Completion date

31/07/2009

Eligibility**Key inclusion criteria**

1. Male or female participants between the ages of 18 and 65 years old
2. Participants with self-reported plantar heel pain with a minimum of 4 weeks duration
3. Self-reported plantar heel pain who score at least 40 mm on a 100 mm visual analogue scale (VAS) for pain
4. Participants with plantar heel pain in the 2 days prior to recruitment
5. Participants who agree to wear the insoles provided for at least 4 hours each day
6. Participants who give written informed consent

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Adult

Lower age limit

18 Years

Sex

All

Key exclusion criteria

1. Participants reporting acute injury to the foot at the onset of the plantar heel pain
2. Participants with posterior or medial/lateral heel pain or any secondary pain elsewhere in the foot since the onset of plantar heel pain
3. Participants with significant musculo-skeletal disease diagnosed such as rheumatoid arthritis, hip, knee or back pain
4. Participants with sensory or motor function disease such as diabetes
5. Participants who are pregnant or breast-feeding
6. Participants who have received or self-administered treatment for the heel pain in the previous 4 weeks
7. Participants who have received corticosteroid injection therapy in the heel in the previous 3 months
8. Participants that were previously in this study
9. Participants that were in another study within the last 3 months

Date of first enrolment

28/03/2008

Date of final enrolment

31/07/2009

Locations

Countries of recruitment

United Kingdom

England

Study participating centre

Director

Salford

United Kingdom

M6 6PU

Sponsor information

Organisation

SSL International (UK)

ROR

<https://ror.org/01g87hr29>

Funder(s)

Funder type

Industry

Funder Name

SSL International Ltd (UK)

Results and Publications

Individual participant data (IPD) sharing plan

IPD sharing plan summary

Not provided at time of registration