

Effect of custom orthoses on foot pain and plantar pressure in pes cavus

Submission date 29/03/2005	Recruitment status No longer recruiting	<input type="checkbox"/> Prospectively registered
		<input type="checkbox"/> Protocol
Registration date 06/05/2005	Overall study status Completed	<input type="checkbox"/> Statistical analysis plan
		<input checked="" type="checkbox"/> Results
Last Edited 02/10/2008	Condition category Musculoskeletal Diseases	<input type="checkbox"/> Individual participant data

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
N/A

Study information

Scientific Title

Study objectives

Persons with pes cavus commonly report foot pain, but rigorous scientific evidence for the effectiveness of custom foot orthoses for this condition is lacking. We aimed to determine the efficacy of custom foot orthoses for pes cavus, with respect to pain relief, reduction of disability and improvement of plantar pressure distribution.

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)

Not Specified

Health condition(s) or problem(s) studied

Pes cavus

Interventions

Patients are randomised to one of two groups:

1. Group 1 is treated with custom moulded foot orthoses
2. Group 2 is given sham orthoses

Intervention Type

Other

Phase

Not Specified

Primary outcome(s)

Foot pain

Key secondary outcome(s))

Disability

Completion date

31/05/2005

Eligibility**Key inclusion criteria**

Men and women aged 18 years or older, literate in English to complete health status questionnaires, musculoskeletal foot pain of at least one month duration, bilateral pes cavus and willingness to consent to randomization and study orthoses provisions.

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Adult

Lower age limit

18 years

Sex

All

Key exclusion criteria

Use of ankle-foot-orthoses (AFO) and pregnancy.

Date of first enrolment

01/12/2003

Date of final enrolment

31/05/2005

Locations**Countries of recruitment**

Australia

Study participating centre

School of Physiotherapy

Lidcombe, NSW

Australia

1825

Sponsor information**Organisation**

The University of Sydney - School of Physiotherapy (Australia)

ROR

<https://ror.org/0384j8v12>

Funder(s)

Funder type

Charity

Funder Name

Prescription Foot Orthotic Laboratory Association, Australian Podiatry Education and Research Foundation, New South Wales Podiatrists Registration Board

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?
Results article	results	01/05/2006		Yes	No