

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

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

### 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?
<a href="#">Results article</a>	results	01/05/2006		Yes	No