

# The effect of two different ankle-foot-orthoses on walking and quality of life in children with Hereditary Motor and Sensory Neuropathy (HMSN) - also known as Charcot-Marie Tooth (CMT) Disease.

<b>Submission date</b> 30/09/2005	<b>Recruitment status</b> No longer recruiting	<input type="checkbox"/> Prospectively registered
<b>Registration date</b> 30/09/2005	<b>Overall study status</b> Completed	<input type="checkbox"/> Protocol
<b>Last Edited</b> 11/04/2014	<b>Condition category</b> Nervous System 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**  
Dr G Chow

**Contact details**  
Queen's Medical Centre  
Nottingham  
United Kingdom  
NG7 2UH

## Additional identifiers

**Protocol serial number**  
N0170141303

## Study information

**Scientific Title**

**Study objectives**

Do silicone ankle foot orthosis (AFOs) offer similar benefits to children with Hereditary Motor Sensory Neuropathy (HMSN) in terms of walking and Quality of Life measures as do traditional AFOs?

**Ethics approval required**

Old ethics approval format

**Ethics approval(s)**

Not provided at time of registration

**Study design**

Randomised cross-over study

**Primary study design**

Interventional

**Study type(s)**

Not Specified

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

Nervous System Diseases: Charcot-Marie Tooth (CMT) Disease

**Interventions**

Randomised cross-over study. Gait analysis performed in Human Performance Laboratory

**Intervention Type**

Other

**Phase**

Not Specified

**Primary outcome(s)**

The benefits of silicone over traditional AFOs

**Key secondary outcome(s)**

Not provided at time of registration

**Completion date**

15/11/2005

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

1. Six children with Charcot-Marie Tooth disease
2. Children aged 4-16 with proven HMSN and therefore foot drop

**Participant type(s)**

Patient

**Healthy volunteers allowed**

No

**Age group**

Child

**Lower age limit**

4 years

**Upper age limit**

16 years

**Sex**

Not Specified

**Key exclusion criteria**

Children with no foot drop.

**Date of first enrolment**

15/05/2004

**Date of final enrolment**

15/11/2005

## **Locations**

**Countries of recruitment**

United Kingdom

England

**Study participating centre**

**Queen's Medical Centre**

Nottingham

United Kingdom

NG7 2UH

## **Sponsor information**

**Organisation**

Department of Health

# **Funder(s)**

## **Funder type**

Government

## **Funder Name**

Nottingham City Hospital NHS Trust (UK), NHS R&D Support Funding

# **Results and Publications**

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

### **IPD sharing plan summary**

Not provided at time of registration