

# Heel complaints in young athletes

No registrations found.

<b>Ethical review</b>	Positive opinion
<b>Status</b>	Recruiting
<b>Health condition type</b>	-
<b>Study type</b>	Observational non invasive

## Summary

### ID

NL-OMON26225

### Source

Nationaal Trial Register

### Health condition

Hielklachten  
Hiel klachten  
Voet klachten  
Enkel klachten  
Ankle complaints  
Foot complaints  
Heel complaints  
Sever  
Sever's  
Sever's disease

### Sponsors and support

**Primary sponsor:** Erasmus medical center

**Source(s) of monetary or material Support:** Erasmus medical center

### Intervention

### Outcome measures

#### Primary outcome

the change in Oxford Ankle and Foot Questionnaire for children (OAFQ-c) between baseline

and 12 weeks

## **Secondary outcome**

Demographic, clinometric and ultrasonographic variables associated with patient reported outcome

## **Study description**

### **Background summary**

Finding prognostic factors in young athletes with Sever's disease by looking at demographic, clinometric and ultrasonographic variables that are associated with patient reported outcome. Patient reported outcome will be measured with the Oxford Ankle and Foot Questionnaire for children.

We will be recruiting patients in The Netherlands

### **Study objective**

Recently, Doppler flow within the patellar tendon was associated with level of pain and maturation stage in young athletes with Osgood Schlatter (apophysitis of the tibial tuberosity), we expect to find the same for Sever's disease

### **Study design**

Baseline, 6 weeks, 12 weeks, 24 weeks, 52 weeks, 104 weeks

### **Intervention**

Questionnaires and ultrasound of calcaneal apophysis

## **Contacts**

### **Public**

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### **Scientific**

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## **Eligibility criteria**

### **Inclusion criteria**

Age 8-15 years

Diagnosis of calcaneal apophysitis, based on clinical symptoms with:

Increased pain during and/or after activity

Positive squeeze test (pressure pain at posterolateral and/or medial side of the heel)

Symptoms for at least 4 weeks

### **Exclusion criteria**

Other injury that prevents a return to sports activities within 6 weeks

Known presence of internal disorders: spondylarthropathy, gout, rheumatoid arthritis or familial hypercholesterolaemia

Abnormalities on ultrasound that may be related to another cause of heel pain (presence of a soft tissue tumour, corpus alienum, Achilles tendon rupture, avulsion fracture of the calcaneus or bony erosions)

## Study design

### Design

Study type:	Observational non invasive
Intervention model:	Other
Masking:	Open (masking not used)
Control:	N/A , unknown

### Recruitment

NL	
Recruitment status:	Recruiting
Start date (anticipated):	02-05-2018
Enrollment:	72
Type:	Anticipated

## Ethics review

Positive opinion	
Date:	04-05-2018
Application type:	First submission

## Study registrations

### Followed up by the following (possibly more current) registration

No registrations found.

### Other (possibly less up-to-date) registrations in this register

No registrations found.

## In other registers

Register	ID
NTR-new	NL6999
NTR-old	NTR7189
Other	Erasmus MC : MEC-2018-1138

## Study results