

# Heel complaints in young athletes

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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

|                             |                                                     |
|-----------------------------|-----------------------------------------------------|
| <b>Ethische beoordeling</b> | Positief advies                                     |
| <b>Status</b>               | Werving gestart                                     |
| <b>Type aandoening</b>      | -                                                   |
| <b>Onderzoekstype</b>       | Observationeel onderzoek, zonder invasieve metingen |

## Samenvatting

### ID

NL-OMON26225

### Bron

Nationaal Trial Register

### Aandoening

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

### Ondersteuning

**Primaire sponsor:** Erasmus medical center

**Overige ondersteuning:** Erasmus medical center

### Onderzoeksproduct en/of interventie

## **Uitkomstmaten**

### **Primaire uitkomstmaten**

the change in Oxford Ankle and Foot Questionnaire for children (OAFQ-c) between baseline and 12 weeks

## **Toelichting onderzoek**

### **Achtergrond van het onderzoek**

Finding prognostic factors in young athletes with Sever's disease by looking at demographic, clinometric and ultrasonographical 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

### **Doel van het onderzoek**

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

### **Onderzoeksopzet**

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

### **Onderzoeksproduct en/of interventie**

Questionnaires and ultrasound of calcaneal apophysis

## **Contactpersonen**

### **Publiek**

Christiaan Vermaas  
Westzeedijk 389F

Rotterdam

The Netherlands

## **Wetenschappelijk**

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## **Deelname eisen**

### **Belangrijkste voorwaarden om deel te mogen nemen (Inclusiecriteria)**

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

### **Belangrijkste redenen om niet deel te kunnen nemen (Exclusiecriteria)**

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)

## Onderzoeksopzet

### Opzet

|                  |                                                     |
|------------------|-----------------------------------------------------|
| Type:            | Observationeel onderzoek, zonder invasieve metingen |
| Onderzoeksmodel: | Anders                                              |
| Blinding:        | Open / niet geblindeerd                             |
| Controle:        | N.v.t. / onbekend                                   |

### Deelname

|                         |                      |
|-------------------------|----------------------|
| Nederland               |                      |
| Status:                 | Werving gestart      |
| (Verwachte) startdatum: | 02-05-2018           |
| Aantal proefpersonen:   | 72                   |
| Type:                   | Verwachte startdatum |

## Ethische beoordeling

|                 |                  |
|-----------------|------------------|
| Positief advies |                  |
| Datum:          | 04-05-2018       |
| Soort:          | Eerste indiening |

## Registraties

### Opgevolgd door onderstaande (mogelijk meer actuele) registratie

Geen registraties gevonden.

### Andere (mogelijk minder actuele) registraties in dit register

Geen registraties gevonden.

## In overige registers

| Register       | ID                         |
|----------------|----------------------------|
| NTR-new        | NL6999                     |
| NTR-old        | NTR7189                    |
| Ander register | Erasmus MC : MEC-2018-1138 |

## Resultaten