

Inguinal pain in sportsmen

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Treatment with the TEP technique reduces pain in athletes with (chronic) inguinal pain.

Ethische beoordeling	Niet van toepassing
Status	Werving gestart
Type aandoening	-
Onderzoekstype	Observationeel onderzoek, zonder invasieve metingen

Samenvatting

ID

NL-OMON28708

Bron

NTR

Aandoening

Inguinal pain in sportsmen

Ondersteuning

Primaire sponsor: Diaconessenhuis Utrecht / Zeist
KNVB / KNVB sportmedisch centrum

Overige ondersteuning: self-financing research

Onderzoeksproduct en/of interventie

Uitkomstmaten

Primaire uitkomstmaten

- Pain score (NRS, numerical rating score)

Toelichting onderzoek

Achtergrond van het onderzoek

Inguinal disruption is a condition of chronic inguinal pain in athletes, with an incidence of 0.5-6.2% causing many athletes being affected. Inguinal disruption is defined as groin pain where no obvious other pathology exists to explain the symptoms. Appropriate treatment is important for fast resumption of sport activities of the athlete and is aimed toward its specific pathology.

Management of inguinal disruption may start with conservative options (rehabilitation programs, physiotherapy). In case of on-going inguinal pain, surgical repair can be undertaken. The Totally Extraperitoneal Patch (TEP) technique ensures a comprehensive view to the hernia floor and its insertion area. Moreover, the preperitoneal approach is associated with less chronic postoperative pain and a fast recovery to daily activities.

Endoscopic TEP hernia repair with implantation of a lightweight mesh could therefore, be an appealing technique in athletes with inguinal disruption.

This study will provide a complete assessment of the inguinal area in athletes with chronic inguinal pain before and after treatment by the Totally Extraperitoneal Patch (TEP) technique. The study population are patients older than 18 years with inguinal pain during or after playing sports longer than 3 months without previous inguinal surgery and without benefits from physiotherapy.

The aim of this study is to analyze whether treatment with the Totally Extraperitoneal Prosthetic technique (TEP) reduce inguinal pain in athletes ("inguinal disruption")

Doel van het onderzoek

Treatment with the TEP technique reduces pain in athletes with (chronic) inguinal pain.

Onderzoeksopzet

- Preoperative
- 1, 2, 3, 4, 5 and 6 weeks
- 3 months

Onderzoeksproduct en/of interventie

- Inguinal ultrasound

- X-pelvis/hip
- MRI
- Totally extraperitoneal patch (TEP) plasty

Contactpersonen

Publiek

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Wetenschappelijk

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Deelname eisen

Belangrijkste voorwaarden om deel te mogen nemen (Inclusiecriteria)

1. Age > 18 years
2. No previous inguinal surgery
3. Inguinal pain during / after playing sports
4. Pain exists longer than 3 months and in professional sporters longer than 6 weeks
5. The patient does not benefit from physiotherapy

Belangrijkste redenen om niet deel te kunnen nemen (Exclusiecriteria)

1. Patients younger than 18 years
2. Previous inguinal surgery
3. Prooved other cause of inguinal pain

Onderzoeksopzet

Opzet

Type:	Observationeel onderzoek, zonder invasieve metingen
Onderzoeksmodel:	Parallel
Toewijzing:	N.v.t. / één studie arm
Blinding:	Open / niet geblindeerd
Controle:	N.v.t. / onbekend

Deelname

Nederland	
Status:	Werving gestart
(Verwachte) startdatum:	01-03-2014
Aantal proefpersonen:	100
Type:	Verwachte startdatum

Ethische beoordeling

Niet van toepassing	
Soort:	Niet van toepassing

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	NL4445
NTR-old	NTR4568
Ander register	: -

Resultaten