

Clinical outcomes of primary debridement and tubularization in patients with longitudinal peroneal tendon tears: a long-term follow-up case series

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The objective of this study is to evaluate treatment of peroneal tendon tears with primary debridement and tubularization, regarding patient's return to sports and activity, patient reported outcome measure scores (PROMS) and patient*s...

Ethical review	Approved WMO
Status	Recruitment stopped
Health condition type	Tendon, ligament and cartilage disorders
Study type	Observational non invasive

Summary

ID

NL-OMON42463

Source

ToetsingOnline

Brief title

Case series peroneal tendon tears

Condition

- Tendon, ligament and cartilage disorders

Synonym

peroneal tendon rupture, peroneal tendon tear

Research involving

Human

Sponsors and support

Primary sponsor: Academisch Medisch Centrum

Source(s) of monetary or material Support: Ministerie van OC&W

Intervention

Keyword: Peroneal tendon, Sports medicine, Tendon injury, Tendon rupture

Outcome measures

Primary outcome

Primary outcome measure is return to sport and activity.

Secondary outcome

Secondary outcome measures are range of motion, focal pain over the tendon course and sensory loss, foot and ankle outcome score (FAOS), NRS pain score and patient satisfaction.

Study description

Background summary

Tears in the peroneal tendons are relatively common and can be very debilitating for the patient. Conservative management is often inadequate and operative treatment is required. However, little is known about the long-term outcomes of operative treatment in peroneal tendon ruptures.

Study objective

The objective of this study is to evaluate treatment of peroneal tendon tears with primary debridement and tubularization, regarding patient's return to sports and activity, patient reported outcome measure scores (PROMS) and patient's satisfaction.

Study design

A retrospective study will be performed.

Study burden and risks

Patients will be asked to visit the Academic Medical Center (AMC) for a physical examination on both ankles and to fill out some questionnaires. No risks are involved with this research.

Contacts

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Trial sites

Listed location countries

Netherlands

Eligibility criteria

Age

Adults (18-64 years)

Elderly (65 years and older)

Inclusion criteria

- * Patients were diagnosed with a tear in one or both peroneal tendons
- * Patients underwent a peroneal tendon debridement and tubularization operation between 2003 and 2013.
- * Patients have a minimum follow-up of 2 years.
- * Patients have a minimum age of 18 years.

Exclusion criteria

- * Patient had another treatment, including allograft or autograft transplantation and tenodesis
- * Patient had subsequent surgery with confounding meaningful post-operative outcome analysis
- * Patient had other comorbidities with confounding meaningful post-operative outcome analysis

Study design

Design

Study type: Observational non invasive

Masking: Open (masking not used)

Control: Uncontrolled

Primary purpose: Treatment

Recruitment

NL

Recruitment status: Recruitment stopped

Start date (anticipated): 17-09-2015

Enrollment: 84

Type: Actual

Ethics review

Approved WMO

Date: 28-08-2015

Application type: First submission

Review commission: METC Amsterdam UMC

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
CCMO	NL54202.018.15