

A prediction model for chronic ankle instability.

No registrations found.

Ethical review	Positive opinion
Status	Recruiting
Health condition type	-
Study type	Observational non invasive

Summary

ID

NL-OMON28047

Source

NTR

Brief title

Predict

Health condition

ankle instability, chronic instability, bone or joint geometry
enkel instabiliteit, chronische instabiliteit, bot of gewrichtsgeometrie

Sponsors and support

Primary sponsor: AMC Amsterdam

VUmc Amsterdam

Slotervaart MC Amsterdam

Flevoziekenhuis Almere

OLVG Amsterdam

Source(s) of monetary or material Support: No funding

Intervention

Outcome measures

Primary outcome

A predictionmodel based on patient specific characteristics and ankle joint geometry.

Secondary outcome

Inter- and intrarater reliability of assessment of the joint geometry on x-rays.

Correlation of acute symptoms after the ankle sprain with recovery

Correlation of treatment given after the ankle sprain with recovery

Improvement of FAOS and CAIT score over time after a visit to the Emergency Department (ER)

Study description

Background summary

Chronic ankle instability is a common result of an ankle sprain. The patients we see at the orthopaedics department often suffer from complaints for an unnessesarily long period of time. Additionally the longer the period of complaints and recurrent sprains, the lower the chance of surgical succes. We are going to develop a prediction model to assess which factors contribute to chronicity. This way patients with a greater chance on chronic instability can be identified and may become eligible for early surgical stabilization.

Study objective

Both personal factors and joint geometry contribute to the development of chronic ankle instability.

Study design

Questionnaires will be sent 2 weeks after the ER visit, and after 3 and 6 months.

Intervention

None

Contacts

Public

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Eligibility criteria

Inclusion criteria

At least 18 years old

Visited the ER within one week after a lateral ankle sprain

An AP and lateral x-ray have been made

Agreed with being approached for this study

Questionnaires have been returned within 4 weeks

Reported lateral ankle pain after an ankle sprain or ankle distortion ankle

Exclusion criteria

Present fracture or other joint pathology/bone matrix pathology

A diagnosed OCD after primary inclusion

Medial ankle instability

Previous ankle surgery

An unreliable x-ray due to the angle in which it is made or low quality

Acute surgical repair of the ATFL/CFL or another form of surgery within 6 months after the initial ankle sprain

Study design

Design

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

Recruitment

NL	
Recruitment status:	Recruiting
Start date (anticipated):	01-10-2016
Enrollment:	1500
Type:	Anticipated

Ethics review

Positive opinion	
Date:	26-10-2016
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	NL5958
NTR-old	NTR6139
Other	: W16_258 # 16.303

Study results

Summary results

No publications so far