Observational study; Prospective validation study Dutch version walking impairment Questionnaire (WIQ).

No registrations found.

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

Summary

ID

NL-OMON24806

Source
NTR

Brief title
VALWIQ

Health condition

1. Peripheral arterial disease;

2. Intermittent claudication;

(NLD: Perifeer arterieel vaatlijden, etalagebenen, Claudicatio intermittens).

Sponsors and support

Primary sponsor: Dr. J.A.W Teijink
Atrium medisch centrum
Postbus 4446
6401 CX Heerlen
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Source(s) of monetary or material Support: N/A

Intervention

Outcome measures

Primary outcome

1. Internal consistency;

2. Test-retest reliability ;

3. Construct validity;

4. Concurrent validity.

Secondary outcome

Difference in walking ability on a treadmill compared with the walking ability outside at baseline and after three month of supervised exercise therapy.

Study description

Background summary

Background

The Walking Impairment Questionnaire (WIQ) is a questionnaire, often used in peripheral arterial disease studies. A disadvantage for the Dutch situation is that the distances asked in this questionnaire are measured in “Feet” and “Blocks”. A validation of the Dutch version which is culturally adapted to the Dutch situation seems required.

There seems to be a discrepancy between walking ability on the treadmill and the walking ability experienced by patients in daily life. Therefore, the Dutch version of the WIQ will also be validated with a walking-outside-test.

All patients with intermittent claudication receive supervised exercise therapy to improve their walking distances. To examine if the Dutch WIQ is capable of measuring therapy effect, all measurements will be repeated after 3 months of supervised exercise therapy.

Objective

Main goal of this study is the validation of the Dutch version of the WIQ at baseline and after three months of supervised exercise therapy.

Methods

Patients with peripheral arterial disease, stage 2 according to Fontaine, will have to answer three questionnaires and perform two walking tests; one on a treadmill and one outside before starting supervised exercise therapy and 3 months thereafter.

Conclusion

This study will provide insight in the validity and reliability of the Dutch version of the WIQ before the start of supervised exercise therapy as well as after three months of therapy.

Study objective

1.The Dutch version of the walking impairment questionnaire is a valid instrument for measuring walking disability in patients with peripheral arterial disease;

2.There is a difference between the walking ability experienced by patients on a treadmill and in daily life.

Study design

Baseline and after three months of therapy.

Intervention

Supervised exercise therapy.

Contacts

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Eligibility criteria

Inclusion criteria

1. Peripheral arterial disease, stage 2 according to Fontaine;

2. patients starting with supervised exercise therapy;

3. a maximal walking distance of < 750 meter, measured on a treadmill (using a progressive protocol of 3.2 km/h starting with 0% incline, increasing 2% every 2 minutes);

4. informed consent.

Exclusion criteria

1. Peripheral arterial disease (stage 3 or 4 acoording to Fontaine);

2. severe cardiopulmonary comorbidities (NYHA 3 or 4);

3. insufficient knowledge of the Dutch language;

4. unable to walk on a treadmill;

5. unable to walk without walking appliances;

6. familiar with supervised exercise therapy.

Study design

Design

Study type:	Observational non invasive
Intervention model:	Other
Allocation:	Non controlled trial
Masking:	Single blinded (masking used)
Control:	N/A , unknown

Recruitment

NL

Recruitment status:	Recruiting
Start date (anticipated):	22-10-2007
Enrollment:	30
Type:	Anticipated

Ethics review

Positive opinion

Date:	18-10-2007
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	NL1085

Register	ID
NTR-old	NTR1118
Other	METC nummer : 07-N-62.
ISRCTN	Niet aangevraagd/Observational study

Study results

Summary results
N/A