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

Gepubliceerd: 18-10-2007 Laatst bijgewerkt: 18-08-2022

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...

Ethische beoordeling	Positief advies
Status	Werving gestart
Type aandoening	-
Onderzoekstype	Observationeel onderzoek, zonder invasieve metingen

Samenvatting

ID

NL-OMON24806

Bron
NTR

Verkorte titel
VALWIQ

Aandoening

1. Peripheral arterial disease;

2. Intermittent claudication;

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

Ondersteuning

Primaire sponsor: Dr. J.A.W Teijink
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Overige ondersteuning: N/A

Onderzoeksproduct en/of interventie

Uitkomstmaten

Primaire uitkomstmaten

1. Internal consistency;
2. Test-retest reliability ;
3. Construct validity;
4. Concurrent validity.

Toelichting onderzoek

Achtergrond van het onderzoek

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.

Doel van het onderzoek

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.

Onderzoeksopzet

Baseline and after three months of therapy.

Onderzoeksproduct en/of interventie

Supervised exercise therapy.

Contactpersonen

Publiek

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Deelname eisen

Belangrijkste voorwaarden om deel te mogen nemen (Inclusiecriteria)

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.

Belangrijkste redenen om niet deel te kunnen nemen (Exclusiecriteria)

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.

Onderzoeksopzet

Opzet

Type: Observationeel onderzoek, zonder invasieve metingen

Onderzoeksmodel:	Anders
Toewijzing:	N.v.t. / één studie arm
Blindering:	Enkelblind
Controle:	N.v.t. / onbekend

Deelname

Nederland

Status:	Werving gestart
(Verwachte) startdatum:	22-10-2007
Aantal proefpersonen:	30
Type:	Verwachte startdatum

Ethische beoordeling

Positief advies

Datum:	18-10-2007
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	NL1085
NTR-old	NTR1118
Ander register	METC nummer : 07-N-62.
ISRCTN	Niet aangevraagd/Observational study

Resultaten

Samenvatting resultaten
N/A