

Uit balans

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Ethische beoordeling	Positief advies
Status	Werving gestart
Type aandoening	-
Onderzoekstype	Interventie onderzoek

Samenvatting

ID

NL-OMON22817

Bron

NTR

Aandoening

stroke, stroke patients, dynamic supported standing practice, standing-therapy, standing-balance training, physical therapy, neurological rehabilitation, balance, CVA

Ondersteuning

Primaire sponsor: Daniëlle Vreugdenburg

Overige ondersteuning: Daniëlle Vreugdenburg

Onderzoeksproduct en/of interventie

Uitkomstmaten

Primaire uitkomstmaten

Sit and standing balance measured with the Berg Balance Scale (BBS) and the Trunk Control Test (TCT)

Toelichting onderzoek

Achtergrond van het onderzoek

Objective: To evaluate dynamic supported standing versus conventional balancetraining performed by patients with subacute stroke.

Design: pilotstudy

Setting: Geriatric rehabilitation centre

Participants: Non-ambulatory participants in the subacute phase after stroke

Intervention: Usual care that includes either balancetraining in a dynamic standing frame (intervention group) or conventional balancetraining (control group) for 6 weeks.

Main measures: Preliminary effectiveness was assessed with the Trunk Control Test and the Berg Balance Scale (primary outcome). Other measures of physical functioning are Barthel Index, Motricity Index of lower extremity and the Functional Ambulation Category.

Recruitment in the Netherlands.

Doel van het onderzoek

According to the current Dutch guidelines it is advised to train task-specific and goal-driven with stroke patients. This shows to be almost impossible with a lot of stroke patients in the early subacute phase, especially with the severely affected ones. Therefore only training in function remains. An essential part of this is to practice balance. The improvement of balance achieved by conventional physical therapy treatment are limited. The purpose of the study is to examine the effect of balance training with a dynamic supported standing frame compared to conventional physical therapy treatment on severely affected subacute stroke patients.

Onderzoeksopzet

T(0) intake

T(1) after 8 weeks of treatment

Onderzoeksproduct en/of interventie

Intervention: balance training with the dynamic supported standing frame

Control: conventional balance training within physical therapy treatment

Contactpersonen

Publiek

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Wetenschappelijk

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Deelname eisen

Belangrijkste voorwaarden om deel te mogen nemen (Inclusiecriteria)

Trunk Control Test <100, Functional Ambulation Category ≥ 2, being able to stand in the dynamic supported standing frame for at least 15 minutes

Belangrijkste redenen om niet deel te kunnen nemen (Exclusiecriteria)

Different diagnosis than stroke, more than three month after stroke, medically unstable, Glasgow Coma Scale <11, height <150 cm or >200 cm, weight >120 kg, vision disorder, aphasia, cognitive problems making the patient unable to understand instructions or giving informed consent, musculoskeletal problems of the lower extremity limiting standing or walking (e.g. fractur)

Onderzoeksopzet

Opzet

Type:	Interventie onderzoek
Onderzoeksmodel:	Factorieel
Toewijzing:	Niet-gerandomiseerd
Blinding:	Open / niet geblindeerd
Controle:	Geneesmiddel

Deelname

Nederland	
Status:	Werving gestart
(Verwachte) startdatum:	26-10-2017
Aantal proefpersonen:	30
Type:	Verwachte startdatum

Ethische beoordeling

Positief advies	
Datum:	24-10-2017
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	NL6589
NTR-old	NTR6763
Ander register	METC : 17N140

Resultaten