Exploring the effects of mental practice on physical activity and autonomy in Parkinson patients.

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To investigate the therapeutic potential of mental practice embedded in daily therapy on the improvement in daily activities of adult patients with Parkinson’s disease. In the Parkinson’s study, MP embedded in therapy will be compared to therapy as...

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

Samenvatting

ID

NL-OMON27755

Bron
Nationaal Trial Register

Verkorte titel
MIND-ParkT: Moving In a New Direction – Parksinson Trial

Aandoening

Parkinson’s disease
Ziekte van Parkinson

Ondersteuning

Primaire sponsor: Research Centre for Autonomy and Participation

Overige ondersteuning: fund=initiator=sponsor

Onderzoeksproduct en/of interventie

Uitkomstmaten

Primaire uitkomstmaten

To measure if MP improves the performance of activities in the experimental group more than in the control group an 11-point numerical rating scale will be used:
11 point Numerical rating scale assesses changes in the performance of the activity ‘walking’ ranging from 10 (‘excellent’) to 0 (‘poor’) as perceived by the patient and the therapist.

Toelichting onderzoek

Achtergrond van het onderzoek

Mental practice as an embedded or additional therapy is getting increased attention in rehabilitation/therapy in different patient populations (stroke, Parkinson’s disease (PD), chronic pain etc.) Systematic reviews of studies undertaken so far in stroke and other pathologies show that there may be some evidence that the technique might be effective. In the Netherlands, little mental practice research is done in private practices in the community. This study investigates whether mental practice can contribute to a quicker and/or a better improvement in patients with Parkinson’s disease in daily living.

Doel van het onderzoek

To investigate the therapeutic potential of mental practice embedded in daily therapy on the improvement in daily activities of adult patients with Parkinson’s disease. In the Parkinson’s study, MP embedded in therapy will be compared to therapy as usual alone. The additional research question investigates the feasibility of the mental practice-based therapy as judged by the patients and therapists.

Onderzoeksopzet

Measurement dates are at entry in the study for three weeks (T0/ T1/ T2 – baseline) and after a 6 weeks intervention period for three weeks (T3/ T4/ T5). After three months follow-up measurements will take place (T6/ T7/ T8).

Onderzoeksproduct en/of interventie

The experimental group will receive therapy in which mental practice is routinely used with the physical therapy given. Embedded MP will be used.

The control group will receive therapy as usual in accordance with the Dutch Physiotherapy Guidelines for Parkinson’s disease. To compensate for the unguided imagery training, patients in the control group will be motivated to do homework as well (physical training and

listening to a relaxation CD).

As the experimental group will receive more attention due to keeping a log and being interviewed, patients in the control group will be instructed to use logs as well and will be interviewed on their opinion on therapy as usual.

Contactpersonen

Publiek

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Wetenschappelijk

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Deelname eisen

Belangrijkste voorwaarden om deel te mogen nemen (Inclusiecriteria)

1. Clinically diagnosed adult patients with Parkinson’s disease;

2. Sufficient cognitive level and communication skills to engage in mental practice; this is a clinical judgement. Hoehn and Yahr classification: 1-3.

Belangrijkste redenen om niet deel te kunnen nemen (Exclusiecriteria)

Severe additional impairments prior to disease onset.

Onderzoeksopzet

Opzet

Type:	Interventie onderzoek
Onderzoeksmodel:	Parallel
Toewijzing:	Gerandomiseerd
Blindering:	Dubbelblind
Controle:	Actieve controle groep

Deelname

Nederland

Status:	Werving gestart
(Verwachte) startdatum:	02-02-2009
Aantal proefpersonen:	38
Type:	Verwachte startdatum

Ethische beoordeling

Positief advies

Datum:	24-03-2009
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	NL1637
NTR-old	NTR1735
Ander register	MEC Heerlen : 08-T-76
ISRCTN	ISRCTN wordt niet meer aangevraagd

Resultaten

Samenvatting resultaten
N/A