

Mirror therapy in patients with CRPS I of the upper extremity; a randomized clinical trial.

Gepubliceerd: 28-11-2005 Laatste bijgewerkt: 18-08-2022

Mirror therapy in patients with CRPS I has a positive effect on pain, oedema, sensibility, hand function, ADL and quality of life compared to standard treatment.

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

Samenvatting

ID

NL-OMON25475

Bron

Nationaal Trial Register

Verkorte titel

Mirror therapy in CRPS I

Aandoening

Complex regional pain syndrome type 1 (CRPS I)

Ondersteuning

Overige ondersteuning: Mrace, Erasmus MC- University Medical Center Rotterdam

Onderzoeksproduct en/of interventie

Uitkomstmaten

Primaire uitkomstmaten

Pain.

Toelichting onderzoek

Achtergrond van het onderzoek

Mirror therapy was introduced by Ramachandran in patient with phantom limb pain and is based on new knowledge about the plasticity of the brain. Recently, studies in patients with CRPS have suggested that exercising with the painful hand behind a mirror and watching a reflection of the normal hand will give the brain the illusion that the hand is now able to move normally.

In these controlled but undersized studies, positive effects were reported on pain, oedema and hand function.

In the present single-blind randomized clinical trial, mirror therapy will be presented in three phases:

1. one week Recognition of Hand Laterality using pictures of left and right hand;
2. one week of Imagined Hand Movements;
3. four weeks of mirror therapy.

The control group will receive treatment following standard treatment guidelines.

The primary outcome of this study is pain, and secondary outcomes are hand function, ADL, oedema, sensibility, and quality of life.

Doel van het onderzoek

Mirror therapy in patients with CRPS I has a positive effect on pain, oedema, sensibility, hand function, ADL and quality of life compared to standard treatment.

Onderzoeksopzet

N/A

Onderzoeksproduct en/of interventie

Mirror therapy versus standard treatment.

Contactpersonen

Publiek

Erasmus Medical Center, Department of Rehabilitation Medicine, Room H014,
P.O. Box 2040
Ton A.R. Schreuders
Dr. Molewaterplein 40,

Rotterdam 3000 CA
The Netherlands
+31 (0)10 4632867

Wetenschappelijk

Erasmus Medical Center, Department of Rehabilitation Medicine, Room H014,
P.O. Box 2040
Ton A.R. Schreuders
Dr. Molewaterplein 40,

Rotterdam 3000 CA
The Netherlands
+31 (0)10 4632867

Deelname eisen

Belangrijkste voorwaarden om deel te mogen nemen (Inclusiecriteria)

Modified research diagnostic criteria for CRPS-1 based on Bruehl 1999.

Belangrijkste redenen om niet deel te kunnen nemen (Exclusiecriteria)

1. Treatment for CRPS-I in an other institution;
2. Psychiatric problems;
3. Lack of motivation.

Onderzoeksopzet

Opzet

Type:	Interventie onderzoek
Onderzoeksmodel:	Parallel
Toewijzing:	Gerandomiseerd
Blinding:	Enkelblind
Controle:	Actieve controle groep

Deelname

Nederland	
Status:	Werving gestopt
(Verwachte) startdatum:	01-12-2005
Aantal proefpersonen:	52
Type:	Werkelijke startdatum

Ethische beoordeling

Positief advies	
Datum:	28-11-2005
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

NTR-new

NTR-old

Ander register

ISRCTN

ID

NL488

NTR530

: N/A

ISRCTN68438240

Resultaten

Samenvatting resultaten

N/A