

Physical reconditioning in the home environment of patients with the help of a webbased exercise program.

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By using a webbased exercise program, patients will be more responsible for their treatment outcome which will positively influence treatment outcomes.

Ethische beoordeling	Niet van toepassing
Status	Werving gestart
Type aandoening	-
Onderzoekstype	Interventie onderzoek

Samenvatting

ID

NL-OMON27935

Bron

NTR

Aandoening

Chronic pain
COPD
Astma
Parkinson
Reumatoïde Artritis

Ondersteuning

Primaire sponsor: Revalidatie Nederland

Oudlaan 4
3515GA Utrecht

T 030-2739384

Overige ondersteuning: Revalidatie Nederland

Oudlaan 4
3515GA Utrecht

Onderzoeksproduct en/of interventie

Uitkomstmaten

Primaire uitkomstmaten

1. Compliance;

2. Patient satisfaction.

Toelichting onderzoek

Achtergrond van het onderzoek

To meet the increasing demand for care, it is important that efficient and effective forms of treatment be developed and implemented, such as telemedicine services. In particular for the growing group of chronically ill for whom rehabilitation is an important part of treatment, much is expected of these new services. An example of such innovative telemedicine service for the rehabilitation of the chronically ill, is a treatment module "physical reconditioning at home remotely guided by a therapist. This is a web-based training program that offers patients the opportunity to train in their home, thereby remotely supervised by a health care professional. The aim is to support patients in their physical reconditioning, both specific functions such as the arm or hand as of the entire physical condition, and patient coaching to restore and maintain their physical function integrated into daily life with resulting optimal integration and participation. The goal of this project is to effectively implement this webbased exercise program in 3 rehabilitation centers in 5 groups treating about 100 patients in total. This will be evaluated in terms of compliance, satisfaction of both healthcare professionals and patients and health status.

Doel van het onderzoek

By using a webbased exercise program, patients will be more responsible for their treatment outcome which will positively influence treatment outcomes.

Onderzoeksopzet

Compliance is logged automatically on the computer.

Patient satisfaction is measured with a questionnaire at the end of the intervention.

Health status is measured with the SF36 questionnaire at the start of the regular treatment and at the end of the intervention.

Onderzoeksproduct en/of interventie

A webbased exercise program is implemented in 3 rehabilitation centres in the Netherlands. This exercise program consists of three modules:

1. A webportal with exercise movies;
2. Monitoring of treatment progress;
3. Teleconsultation and telecommunication.

Patients are instructed by their physiotherapist to exercise at home. The physiotherapist makes a schedule for his patient. The patient and therapist can communicate with each other via the webportal. patients start their treatment with a regular treatment program. In the last weeks of this program, their intervention will start. The intervention will take 3 months and patients exercise with the portal for 2-3 times a week for 15-30 minutes, dependent on the diagnosis group.

The control group is a historic one or patients not having a computer at home, receiving their regular treatment.

Contactpersonen

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Wetenschappelijk

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Deelname eisen

Belangrijkste voorwaarden om deel te mogen nemen (Inclusiecriteria)

1. Sufficient computer knowledge;
2. Internet at home available;
3. Sufficient knowledge of the Dutch language.

Belangrijkste redenen om niet deel te kunnen nemen (Exclusiecriteria)

1. Unsufficient computer knowledge;
2. No internet at home available.

Onderzoeksopzet

Opzet

Type:	Interventie onderzoek
Onderzoeksmodel:	Parallel
Toewijzing:	N.v.t. / één studie arm
Blinding:	Open / niet geblindeerd
Controle:	Geneesmiddel

Deelname

Nederland	
Status:	Werving gestart
(Verwachte) startdatum:	01-04-2012
Aantal proefpersonen:	100
Type:	Verwachte startdatum

Ethische beoordeling

Niet van toepassing

Soort:

Niet van toepassing

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	NL3193
NTR-old	NTR3365
Ander register	Revalidatie Nederland : IPR2010-06
ISRCTN	ISRCTN wordt niet meer aangevraagd.

Resultaten

Samenvatting resultaten

N/A