

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

No registrations found.

Ethical review	Not applicable
Status	Recruiting
Health condition type	-
Study type	Interventional

Summary

ID

NL-OMON27935

Source

NTR

Health condition

Chronic pain
COPD
Astma
Parkinson
Reumatoïde Artritis

Sponsors and support

Primary sponsor: Revalidatie Nederland

Oudlaan 4
3515GA Utrecht

T 030-2739384

Source(s) of monetary or material Support: Revalidatie Nederland

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3515GA Utrecht

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Intervention

Outcome measures

Primary outcome

1. Compliance;
2. Patient satisfaction.

Secondary outcome

Health status.

Study description

Background summary

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.

Study objective

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

Study design

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.

Intervention

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.

Contacts

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Eligibility criteria

Inclusion criteria

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

Exclusion criteria

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

Study design

Design

Study type:	Interventional
Intervention model:	Parallel
Allocation:	Non controlled trial
Masking:	Open (masking not used)
Control:	Active

Recruitment

NL	
Recruitment status:	Recruiting
Start date (anticipated):	01-04-2012
Enrollment:	100
Type:	Anticipated

Ethics review

Not applicable

Application type:

Not applicable

Study registrations

Followed up by the following (possibly more current) registration

No registrations found.

Other (possibly less up-to-date) registrations in this register

No registrations found.

In other registers

Register	ID
NTR-new	NL3193
NTR-old	NTR3365
Other	Revalidatie Nederland : IPR2010-06
ISRCTN	ISRCTN wordt niet meer aangevraagd.

Study results

Summary results

N/A