

Prediction model for multidisciplinary treatment

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Ethische beoordeling	Positief advies
Status	Werving gestart
Type aandoening	-
Onderzoekstype	Observationeel onderzoek, zonder invasieve metingen

Samenvatting

ID

NL-OMON22712

Bron

Nationaal Trial Register

Verkorte titel

PREDICT

Aandoening

Patients with persistent pain following the “movement with pain” program in Excellent Care Clinics Velsen Noord.

Ondersteuning

Primaire sponsor: Vrije Universiteit Amsterdam, Faculteit der Gedrags- en Bewegingswetenschappen Excellent Care Clinics

Overige ondersteuning: No

Onderzoeksproduct en/of interventie

Uitkomstmaten

Primaire uitkomstmaten

Toelichting onderzoek

Achtergrond van het onderzoek

Chronic low back pain is the leading cause of disability worldwide. There is a large variety of treatment possibilities and up to 80% of the patients feels that the given treatment is inadequate. Multidisciplinary treatment using the bio-psychosocial model of pain, supervised by a medical specialist and adheres to the patients' needs is recommended for chronic pain patients. This research project aims to follow a cohort of 110 individuals with chronic pain following the Beweging Met Pijn Program at Excellent Care Clinics – Velsen-Noord. In line with the biopsychosocial model of pain, we will assess the pain characteristics, inflammatory response, lifestyle factors, and psychological factors of this cohort before, during, and after the multi-disciplinary treatment program. Our two main research questions are: How do patients following the “movement with pain” program recover? Which factors can predict recovery after following the “movement with pain” program?

Doel van het onderzoek

We expect the “movement with pain” program will result in a reduction in disability, improved perceived recovery, improvement of psychological wellbeing and increase in physical condition. Moreover, we expect that a combination of the amount of disability, psychological wellbeing, inflammatory biomarkers and mechanical sensitivity will predict treatment outcome at 6 and 12 months follow up.

Onderzoeksopzet

Baseline, mid-treatment (8 weeks), end of treatment (16 weeks), follow-up (6 months after the end of treatment) and long-term follow-up (12 months after the end of treatment)

Onderzoeksproduct en/of interventie

Multi-disciplinary treatment program called: “Bewegen met pijn” (BMP), (movement with pain) offered by Excellent Care Clinics Velsen Noord. BMP is ~16-week program including 36 visits to the clinic that are 1 to 3.5 hours each in duration. Each program is individualized and tailored to suit the needs of the patient. The program includes graded physical exercise, psychological treatment, pain education, dietary advice, and modalities such as cryotherapy and whole-body electrostimulation are available.

Contactpersonen

Publiek

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Wetenschappelijk

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Deelname eisen

Belangrijkste voorwaarden om deel te mogen nemen (Inclusiecriteria)

Consecutive patients will be included in Excellent Care Clinics Velsen Noord in The Netherlands. Potential patients will be eligible for participation if they are: 1) at least 18 years of age, 2) have persistent pain (more than 3 months) and 3) have sufficient knowledge of the Dutch language to complete the questionnaire and 4) participate in the movement with pain program in Excellent Care Clinics Velsen Noord. All patients will be asked to sign an informed consent prior to inclusion.

Belangrijkste redenen om niet deel te kunnen nemen (Exclusiecriteria)

Patients with contra-indications for exercise therapy, recent spinal surgery (less than 6 months ago), cytokine modularity medication (e.g. infliximab) inflammatory diseases such as Rheumatoid arthritis or central neurological conditions are excluded.

Onderzoeksopzet

Opzet

Type:	Observationeel onderzoek, zonder invasieve metingen
Onderzoeksmodel:	Anders
Toewijzing:	N.v.t. / één studie arm
Blindering:	Enkelblind
Controle:	N.v.t. / onbekend

Deelname

Nederland	
Status:	Werving gestart
(Verwachte) startdatum:	01-01-2020
Aantal proefpersonen:	110
Type:	Verwachte startdatum

Voornemen beschikbaar stellen Individuele Patiënten Data (IPD)

Wordt de data na het onderzoek gedeeld: Nog niet bepaald

Ethische beoordeling

Positief advies	
Datum:	01-05-2020
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	NL8574
Ander register	METC Zuyderland-Zuyd : METCZ20190020

Resultaten