

Neuropsychological functioning of COPD patients

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Patients with COPD have worse cognitive functioning compared to healthy controls. This may influence health status, daily functioning and the outcome of pulmonary rehabilitation in these patients.

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

Samenvatting

ID

NL-OMON23902

Bron

Nationaal Trial Register

Verkorte titel

COgnitive-PD

Aandoening

- * Chronic obstructive pulmonary disease
- * Chronisch obstructief longlijden

Ondersteuning

Primaire sponsor: CIRO+

Overige ondersteuning: The Weijerhorst Foundation

Onderzoeksproduct en/of interventie

Uitkomstmaten

Primaire uitkomstmaten

Neuropsychological functioning.

Toelichting onderzoek

Achtergrond van het onderzoek

Patients with Chronic Obstructive Pulmonary Disease (COPD) may experience dyspnoea, fatigue and problems in daily functioning, despite optimal pharmacological treatment. It is important that patients follow a number of precepts in order to minimize the consequences of the illness. Before a patient is willing to follow the precepts, a patient needs to experience that the new behaviour yields more advantages, compared to the old behaviour. Patients need specific cognitive abilities in order to make a considered choice. Previous research suggests that the cognitive functions of COPD patients may be impaired. However, results of previous research are disputable. To date, remains unclear which clinical characteristics are related to cognitive functioning in COPD patients and whether and to what extent cognitive functioning is related to daily functioning, health status and the outcome of pulmonary rehabilitation.

Doel van het onderzoek

Patients with COPD have worse cognitive functioning compared to healthy controls. This may influence health status, daily functioning and the outcome of pulmonary rehabilitation in these patients.

Onderzoeksopzet

Before and after an 8-14 week pulmonary rehabilitation program.

Onderzoeksproduct en/of interventie

n/a

Contactpersonen

Publiek

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Wetenschappelijk

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Deelname eisen

Belangrijkste voorwaarden om deel te mogen nemen (Inclusiecriteria)

Patients:

- * Diagnosis: COPD according to the GOLD definition.

Matched control group:

- * Partner, brother or sister of an included patient.

- * Smoking status comparable with smoking status from included patient.

Belangrijkste redenen om niet deel te kunnen nemen (Exclusiecriteria)

Patients:

- * Patient is not clinically stable during 4 weeks preceding enrolment.

- * Previous diagnosis of dementia.

- * Patient does not speak Dutch well enough to participate.

Brain MRI patient group:

* The patient has a pacemaker, cochlear implant, neurostimulator or other electronic implants, surgery with metal implants, or ever had a metal splinter in the eye.

* The patient suffers from claustrophobia.

Matched control group:

* Diagnoses of COPD or Asthma.

* Previous diagnosis of dementia.

* Participant does not speak Dutch well enough to participate.

* Age of the matched control differ more than 10 years from the age of the patient for who he/she was matched.

* Level of education of the matched control differs more than 1 level from the level of education for who he/she was matched (according to the scoring system of the CBS).

Onderzoeksopzet

Opzet

Type:	Observationeel onderzoek, zonder invasieve metingen
Onderzoeksmodel:	Parallel
Toewijzing:	N.v.t. / één studie arm
Blinding:	Open / niet geblindeerd
Controle:	N.v.t. / onbekend

Deelname

Nederland
Status: Werving gestopt
(Verwachte) startdatum: 01-11-2013
Aantal proefpersonen: 283
Type: Werkelijke startdatum

Ethische beoordeling

Positief advies
Datum: 21-10-2013
Soort: Eerste indiening

Registraties

Opgevolgd door onderstaande (mogelijk meer actuele) registratie

ID: 40538
Bron: ToetsingOnline
Titel:

Andere (mogelijk minder actuele) registraties in dit register

Geen registraties gevonden.

In overige registers

Register	ID
NTR-new	NL4064
NTR-old	NTR4215
CCMO	NL45127.068.13
ISRCTN	ISRCTN wordt niet meer aangeleverd.
OMON	NL-OMON40538

Resultaten

Samenvatting resultaten

n/a