Neuropsychological functioning of COPD patients

No registrations found.

Ethical review	Positive opinion
Status	Recruitment stopped
Health condition type	-
Study type	Observational non invasive

Summary

ID

NL-OMON23902

Source
Nationaal Trial Register

Brief title
COgnitive-PD

Health condition

* Chronic obstructive pulmonary disease
* Chronisch obstructief longlijden

Sponsors and support

Primary sponsor: CIRO+
Source(s) of monetary or material Support: The Weijerhorst Foundation

Intervention

Outcome measures

Primary outcome

Neuropsychological functioning.

Secondary outcome

Demographics, general psychological functioning and other clinical characteristics (e.g. pulmonary function and saturation measure), problematic activities of daily life, patient information needs and brain abnormalities.

Study description

Background summary

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.

Study objective

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.

Study design

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

Intervention

n/a

Contacts

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Eligibility criteria

Inclusion criteria

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.

Exclusion criteria

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).

Study design

Design

Study type:	Observational non invasive
Intervention model:	Parallel
Allocation:	Non controlled trial
Masking:	Open (masking not used)
Control:	N/A , unknown

Recruitment

NL

Recruitment status:	Recruitment stopped
Start date (anticipated):	01-11-2013
Enrollment:	283
Type:	Actual

Ethics review

Positive opinion
Date: 21-10-2013
Application type: First submission

Study registrations

Followed up by the following (possibly more current) registration

ID: 40538
Bron: ToetsingOnline
Titel:

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

No registrations found.

In other registers

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

Study results

Summary results
n/a