Cognitive functioning in COPD patients.

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1. To determine the prevalence of cognitive impairment in COPD patients and to look for clinical characteristics of COPD patients with cognitive impairment; 2. To study the influence of cognitive functioning on daily functioning and treatment...

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

Samenvatting

ID

NL-OMON23100

Bron
NTR

Aandoening

Chronic obstructive pulmonary disease (COPD), cognitive functioning

Ondersteuning

Primaire sponsor: CIRO+, centre of expertise for chronic organ failure
Overige ondersteuning: CIRO+

Onderzoeksproduct en/of interventie

Uitkomstmaten

Primaire uitkomstmaten

Raw scores on the different subtest of the neuropsychological test battery and 5 compound scores for different cognitive domains.

Toelichting onderzoek

Achtergrond van het onderzoek

Rationale:

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.

Objective:

To determine the prevalence of cognitive impairment in COPD patients and to look for clinical characteristics of COPD patients with cognitive impairment. To study the influence of cognitive functioning on daily functioning and treatment outcomes.To study the needs for information and possibility to participate as an active partner in health care.

Study design:

The study consists of an observation comparable study and an observation study with repeated measures.

Study population:

255 COPD patients and 90 healthy controls.

Primary study parameters:

Raw scores on the different subtest of the neuropsychological test battery and 5 compound scores for different cognitive domains.

Doel van het onderzoek

1. To determine the prevalence of cognitive impairment in COPD patients and to look for clinical characteristics of COPD patients with cognitive impairment;

2. To study the influence of cognitive functioning on daily functioning and treatment outcomes;

3. To study the needs for information;

4. Possibility to participate as an active partner in health care.

Onderzoeksopzet

We will use questionaires, a neuropsychological testbattery, a 6-minute walk test, spirometry, blood tests and other measures which are part of clinical practice.

Onderzoeksproduct en/of interventie

N/A

Contactpersonen

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Deelname eisen

Belangrijkste voorwaarden om deel te mogen nemen (Inclusiecriteria)

Patients:

1. Diagnosis: COPD according to the Global Initiative For Chronic Obstructive Lung Disease (GOLD) definition.

Matched control group:

1. Partner, brother or sister of an included patient;

2. Smoking status comparable with smoking status form included patient (current smoker; non smoker; former smoker).

Belangrijkste redenen om niet deel te kunnen nemen (Exclusiecriteria)

Patients:

1. Patient is not clinically stable during 4 weeks preceding enrolment;

2. Previous diagnosis of dementia;

3. Patient does not speak Dutch well enough to participate;

4. At the moment of testing, patients who were referred by their general practitioner but are also treated by a chest physician or are currently referred for pulmonary rehabilitation;

5. At the moment of testing, patients who were referred by the chest physician but are also referred for pulmonary rehabilitation.

Matched control group:

1. Diagnoses of COPD or Asthma;

2. Previous diagnosis of dementia;

3. Participant does not speak Dutch well enough to participate;

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

5. Level of education of the matched control differ more than 3 levels from the level of education for who he/she was matched.

Onderzoeksopzet

Opzet

Type:	Observationeel onderzoek, zonder invasieve metingen
Onderzoeksmodel:	Parallel
Toewijzing:	Niet-gerandomiseerd

Controle: N.v.t. / onbekend

Deelname

Nederland

Status:	Werving gestart
(Verwachte) startdatum:	01-02-2012
Aantal proefpersonen:	345
Type:	Verwachte startdatum

Ethische beoordeling

Positief advies

Datum:	16-03-2012
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	NL3201
NTR-old	NTR3352
Ander register	METC Maastricht : 11-3-054
ISRCTN	ISRCTN wordt niet meer aangevraagd.

Resultaten

Samenvatting resultaten
N/A