

Phenotypes of Adults with Non-Atopic Asthma.

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Characterization of subjects with non-atopic asthma and phenotyping of the disease by linking clinical, functional and molecular markers will: 1. Give more insight in the underlying pathophysiological mechanisms of non-atopic asthma; 2. Show that...

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

Samenvatting

ID

NL-OMON29228

Bron

NTR

Verkorte titel

PANAMA

Aandoening

Non-atopic asthma
Adults

Niet-atopisch astma
Volwassenen

Ondersteuning

Primaire sponsor: Medical Centre Leeuwarden, Department of respiratory medicine
Overige ondersteuning: Stichting Longgeneeskunde Fryslan

Onderzoeksproduct en/of interventie

Uitkomstmaten

Primaire uitkomstmaten

Study 1: Characterizing patients with non-atopic asthma with respect to clinical, functional and inflammatory parameters. Separate subtypes of non-atopic asthma will be defined by unbiased cluster analysis.

Study 2: The association between level of NO in exhaled air, percentage of eosinophils in induced sputum and extent of sinus disease as assessed by CT sinus score will be investigated by correlation analyses.

Study 3: Sensitivity, specificity, positive and negative predictive value of the eNose in detecting sinus disease in non-atopic asthma.

Toelichting onderzoek

Achtergrond van het onderzoek

Non-atopic asthma is a poorly understood heterogeneous condition and it is often more severe, less responsive to therapy and more likely to result in fixed airflow limitation. Several clinical subtypes have been described but it is unknown whether these are associated with distinct types of airway inflammation, responses to therapy or disease outcome.

This project is a cross sectional survey in patients with non-atopic asthma.

The objective of this study is to define different phenotypes and to detect risk factors of severity.

Doel van het onderzoek

Characterization of subjects with non-atopic asthma and phenotyping of the disease by linking clinical, functional and molecular markers will:

1. Give more insight in the underlying pathophysiological mechanisms of non-atopic asthma;
2. Show that different subtypes of non-atopic asthma can be identified by specific functional or non-invasive inflammatory markers;
3. Reveal distinct risk factors of severity and poor quality of life.

Onderzoeksopzet

All data will be collected in two visits, which will be less than 2 weeks apart.

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)

1. Outpatients with non-atopic asthma, determined by negative atop;
2. Age 18 yrs or older;
3. Pulmonologist's diagnosis of asthma;
4. Documented reversibility in FEV1 of $\geq 12\%$ predicted OR airway hyperresponsiveness to inhaled methacholine.

Belangrijkste redenen om niet deel te kunnen nemen

(Exclusiecriteria)

1. Patients with smoking history of > 10 packyears and persistent airflow obstruction (post bronchodilator FEV1 < 80%pred): excluded if reversibility in FEV1 < 12% predicted OR TLCO < 80%pred;
2. Pregnancy;
3. Other pulmonary diseases or non-related major co-morbidities.

Onderzoeksopzet

Opzet

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

Deelname

Nederland	
Status:	Werving gestart
(Verwachte) startdatum:	01-01-2010
Aantal proefpersonen:	200
Type:	Verwachte startdatum

Ethische beoordeling

Positief advies	
Datum:	15-02-2010
Soort:	Eerste indiening

Registraties

Opgevolgd door onderstaande (mogelijk meer actuele) registratie

ID: 33169

Bron: ToetsingOnline

Titel:

Andere (mogelijk minder actuele) registraties in dit register

Geen registraties gevonden.

In overige registers

Register	ID
NTR-new	NL2100
NTR-old	NTR2217
CCMO	NL29219.099.09
ISRCTN	ISRCTN wordt niet meer aangevraagd.
OMON	NL-OMON33169

Resultaten

Samenvatting resultaten

N/A