

Tapering off Inhaled Corticosteroids in Asthma patients after Reducation of Allergens.

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Allergen avoidance allows tapering off inhaled corticosteroids (ICS) in house dust mite allergic asthma patients.

Ethische beoordeling	Positief advies
Status	Werving gestopt
Type aandoening	-
Onderzoekstype	Interventie onderzoek

Samenvatting

ID

NL-OMON23474

Bron

Nationaal Trial Register

Verkorte titel

TICARA

Aandoening

(Allergic) asthma.

Ondersteuning

Primaire sponsor: Research Institute Caphri / Maastricht University.

Overige ondersteuning: ZonNW (NWO) 904-58-111

Nederlands Astmafonds 98.55

Astra Zeneca

Boehringer Ingelheim

Onderzoeksproduct en/of interventie

Uitkomstmaten

Primaire uitkomstmaten

Use of inhaled corticosteroids.

Toelichting onderzoek

Achtergrond van het onderzoek

In this study the hypothesis was tested whether allergen avoidance allows tapering off inhaled corticosteroids (ICS) in house dust mite allergic asthma patients.

Asthma patients between 16 and 60 years using ICS were selected from general practices and the general population. With a RAST allergy for house dust mite and other common allergens was determined.

Patients having an allergy to cats and dogs whilst these animals were present in the house were excluded. Patients were instructed by the GP or a nurse to use a self-management plan to adjust the dose of ICS.

After a baseline period of three months patients received house dust mite impermeable bed covers or placebo covers. Follow-up period was two years. Medication use, symptoms and peakflow were recorded in diaries. Exposure to house dust mite allergens was determined by means of dust samples taken from mattresses, by vacuum cleaning in a standardised way.

Doel van het onderzoek

Allergen avoidance allows tapering off inhaled corticosteroids (ICS) in house dust mite allergic asthma patients.

Onderzoeksopzet

N/A

Onderzoeksproduct en/of interventie

All patients have been trained to use a self-management plan to adjust the dose of inhaled corticosteroids to symptoms and peak expiratory flow value.

After a run-in period of 3 months the intervention period with placebo controlled allergen avoidance started.

The participants in the intervention group received house dust mite impermeable covers for mattress, pillow and bedding.

The control group received placebo, house dust mite permeable, covers.

Contactpersonen

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Wetenschappelijk

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Deelname eisen

Belangrijkste voorwaarden om deel te mogen nemen (Inclusiecriteria)

1. Age of 16-60 year;
2. Treatment for asthma by the GP;
3. Use of inhaled corticosteroids;
4. Allergy for house dust mite allergens.

Belangrijkste redenen om niet deel te kunnen nemen (Exclusiecriteria)

1. Serious diseases other than asthma with;
2. A low survival rate;

3. Other diseases, which influence bronchial symptoms and/ or lung function;
4. Exacerbation within one month before the start of the study;
5. The use of oral steroids or inhaled cromoglycates;
6. Use of house dust mite impermeable mattress/bedding covers;
7. Allergy to cats or dogs while keeping these pets.

Onderzoeksopzet

Opzet

Type:	Interventie onderzoek
Onderzoeksmodel:	Parallel
Toewijzing:	Gerandomiseerd
Blinding:	Dubbelblind
Controle:	Placebo

Deelname

Nederland	
Status:	Werving gestopt
(Verwachte) startdatum:	01-01-1999
Aantal proefpersonen:	150
Type:	Werkelijke startdatum

Ethische beoordeling

Positief advies	
Datum:	12-09-2005
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	NL332
NTR-old	NTR370
Ander register	: N/A
ISRCTN	ISRCTN32862552

Resultaten

Samenvatting resultaten

1. de Vries MP, van Schayck CP Bestaat er een verband tussen het optreden van luchtweginfecties op jonge leeftijd en het ontstaan van atopie? Longartsenvademecum, nummer 2- februari 2000;

2. van den Bemt L, van Knapen L, de Vries MP, Jansen M, Cloosterman S, van Schayck CP. Clinical effectiveness of a mite-allergen impermeable bed covering system in asthmatic mite-sensitive patients. J Allergy Clin Immun, 2004, 114 (4): 858-62;

3. de Vries MP, van den Bemt L, van der Mooren FM, Muris JWM, van Schayck CP. The prevalence of house dust mite allergy and the use of HDM impermeable covers in a primary care population of patients with persistent asthma in the Netherlands. Prim Care Respir J, 2005, 14 (4): 210-4;

4. de Vries MP, van den Bemt L, Lince S, Muris JWM, Thoonen BPA, van Schayck CP. Factors associated with asthma control. J Asthma, 2005, in press.