

Anxiety and depression in children with asthma.

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What is the prevalence of depression and anxiety in children with asthma. Is this more frequent in asthma than in other chronic conditions like diabetes and Coeliekie? And how compares this to healthy children in the same phase of life?

Ethical review	Approved WMO
Status	Recruitment stopped
Health condition type	Gastrointestinal conditions NEC
Study type	Observational non invasive

Summary

ID

NL-OMON37426

Source

ToetsingOnline

Brief title

Epo2 (Eric Promotie Onderzoek deel 2)

Condition

- Gastrointestinal conditions NEC
- Anxiety disorders and symptoms
- Bronchial disorders (excl neoplasms)

Synonym

Axiety, depression in asthma

Research involving

Human

Sponsors and support

Primary sponsor: Isala Klinieken

Source(s) of monetary or material Support: Eigen financien vakgroep

Intervention

Keyword: Anxiety, Asthma, Behaviour, Depression

Outcome measures

Primary outcome

Results (scores) of the questionnaires will be compared between the 4 groups

(asthma, Diabetes, Coeliakie and healthy)

Depression yes or no

Anxiety yes or no

Secondary outcome

none

Study description

Background summary

Current asthma guidelines are based on RCT's and SR's. In numerous systematic reviews the efficacy of inhalation corticosteroids (ICS) in maintenance therapy in asthma is demonstrated. Despite this treatment with ICS asthma in daily life studies complaints and uncontrolled asthma is apparent. Treatment goals as formulated in the international guidelines are not reached. In our clinic in most of the children we reach these treatment goals. Also in our clinic there are children with ongoing complaints despite ICS treatment. Comorbidities as allergic rhinitis is shown to have an effect on asthma control in patients with asthma. In studies in children and adolescents in the United States, children with asthma are more likely to suffer from anxiety or depression than compared to children without asthma. This suggests that this could be a serious co-morbidity. The treatment of asthma in the Netherlands is not comparable with the US. More ICS use and more intense follow up, as a difference in prevalence and cultural difference in anxiety and depression makes it difficult to translate these results to our population. Also the relation between anxiety and depression and asthma as the disease, or as a chronic condition is unknown. We would like to answer these questions. What is the prevalence of depression and anxiety in children with asthma. Is this more frequent in asthma than in other chronic conditions like diabetes and Coeliakie? And how compares this to healthy children in the same phase of life?

Study objective

What is the prevalence of depression and anxiety in children with asthma. Is this more frequent in asthma than in other chronic conditions like diabetes and Coeliekie? And how compares this to healthy children in the same phase of life?

Study design

Cross-sectional survey for 6 months using questionnaires on anxiety and depression which are filled in by the children themselves.

Study burden and risks

No risks

Burden: time to fill out the questionnaires (approx. 90 minutes)

Contacts

Public

Isala Klinieken

Postbus 10400
8000 GK Zwolle
NL

Scientific

Isala Klinieken

Postbus 10400
8000 GK Zwolle
NL

Trial sites

Listed location countries

Netherlands

Eligibility criteria

Age

Adolescents (12-15 years)
Adolescents (16-17 years)
Children (2-11 years)

Inclusion criteria

Children with asthma, diabetes or coeliakie diagnosed by a pediatrician
Good understanding of the Dutch language
Age 8-16 years.
At least 1 year under control of a pediatrician
Informed consent

Exclusion criteria

Serious comorbidity: Broncho pulmonary displasia, congenital malformations of the airways or heart.
Preexistent psychiatric disorder

Study design

Design

Study type:	Observational non invasive
Intervention model:	Other
Allocation:	Non-randomized controlled trial
Masking:	Open (masking not used)
Control:	Active
Primary purpose:	Other

Recruitment

NL	
Recruitment status:	Recruitment stopped
Start date (anticipated):	01-05-2012
Enrollment:	300
Type:	Actual

Ethics review

Approved WMO

Date: 23-04-2012

Application type: First submission

Review commission: METC Isala Klinieken (Zwolle)

Study registrations

Followed up by the following (possibly more current) registration

No registrations found.

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

No registrations found.

In other registers

Register	ID
CCMO	NL39581.075.12