The impact of giving personal feedback to children about the perception of their asthma (a pilot study)

No registrations found.

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

Summary

ID

NL-OMON27987

Source
NTR

Brief title
The rainbow study

Health condition

Asthma

Sponsors and support

Primary sponsor: Not applicable
Source(s) of monetary or material Support: Not applicable

Intervention

Outcome measures

Primary outcome

The primary outcome will be whether the perception is improved after six weeks of home-monitoring and receiving feedback

Secondary outcome

The secondary outcome will be input parameters for a follow-up study

Study description

Background summary

Asthmatic children with a bad perception will be included in this study. Those children will receive a home-spirometer and will be asked to measure their asthmatic complaints both subjectively (through a questionnaire including a VAS) and objectively (through performing a spirometry at home). Both outcomes will be combined and feedback will be given to these patients once a week, in total for six weeks. The impact of the given feedback on their perception will be evaluated by comparing the perception at inclusion and the perception after six weeks.

Study objective

There is expected the perception of a patient will be improved after six weeks of home-monitoring and receiving feedback

Study design

A few times a week the participant will perform measurements at home with the NuvoAir Next spirometer and a questionnaire and weekly a feedback session will take place to evaluate these measurements. After six weeks, all the measurements of those weeks will be evaluated to conclude whether the perception is improved. Also, all these measurements will be used for evaluating the secondary outcome: the input parameters for a follow-up study.

Contacts

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Eligibility criteria

Inclusion criteria

Being able to perform spirometry correctly, suffering from moderate to severe asthma and having a bad perception.

Exclusion criteria

Suffering from dysfunctional breathing or exercise induced laryngeal obstructuion (EILO)

Study design

Design

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

Recruitment

NL

Recruitment status:	Recruiting
Start date (anticipated):	19-07-2021
Enrollment:	10
Type:	Anticipated

IPD sharing statement

Plan to share IPD: No

Ethics review

Positive opinion

Date:	19-07-2021
Application type:	First submission

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
NTR-new	NL9638
Other	MEC-U MST : K21-28

Study results