

Can we Reduce  
Asthma  
Attacks in  
Children  
using Exhaled  
Nitric  
Oxide measurements?

## Are you interested in research into children's asthma treatment?

*If yes, we would like to tell you about the RAACENO study because we think your child might be eligible to take part, but they don't have to take part if they don't want to.*

### What is the purpose of the RAACENO study?

We all have a gas called nitric oxide in the air we breathe out. People of all ages with asthma have more nitric oxide in their breath than people without asthma. Nitric oxide levels go up before and during an asthma attack and come back down after an attack. We are doing this study to see whether measuring the levels of exhaled (breathed out) nitric oxide at an asthma check-up would help your doctor to make decisions about asthma treatment.

### What's special about the RAACENO study?

- We want to determine whether basing treatment on the levels of exhaled (breathed out) nitric oxide will help reduce the number of asthma attacks children have.
- The study is funded by the NHS through one of its research programmes.
- To do this study properly we need 502 children with asthma from up and down the UK to take part.
- Each child who takes part will be in the study for one year.

There will be two groups of children in the RAACENO study. Children in both groups will be invited come to their local GP practice every three months for a year. These visits will replace their usual asthma appointments.

One group will have their asthma treatment managed in the normal way – based on their asthma symptoms

One group will have their asthma treatment managed using information about asthma symptoms and exhaled nitric oxide.

For more information about the study, or to talk to someone about taking part, please contact your local study team or the main study office on 01224 438084.

You can also find out more information and watch some videos about the research on our website: [www.raaceno.co.uk](http://www.raaceno.co.uk)

Your local study team is: