

Pure fruit juice, fruit, sugar-sweetened beverages and asthma

No registrations found.

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

Summary

ID

NL-OMON21177

Source

NTR

Brief title

TBA

Health condition

asthma

Sponsors and support

Primary sponsor: Netherlands Organisation for Scientific Research, the Netherlands Organisation for Health Research and Development, the Lung Foundation of the Netherlands, the Netherlands Ministry of Planning, Housing, and the Environment; the Netherlands Ministry of Health, Welfare, and Sport; and the National Institute for Public Health and the Environment.

Source(s) of monetary or material Support: Netherlands Organisation for Scientific Research, the Netherlands Organisation for Health Research and Development, the Lung Foundation of the Netherlands, the Netherlands Ministry of Planning, Housing, and the Environment; the Netherlands Ministry of Health, Welfare, and Sport; and the National Institute for Public Health and the Environment.

Intervention

Outcome measures

Primary outcome

Asthma prevalence

Secondary outcome

None

Study description

Background summary

The aim of this study is to investigate the association of pure fruit juice, SSBs and fruit consumption with asthma in 11-20-year-olds participating the Dutch Prevention and Incidence of Asthma and Mite Allergy (PIAMA) birth cohort.

Study objective

Sugar-sweetened beverages (SSBs) have been associated with a higher risk of asthma and are popular among children and adolescents, while fruit consumption have been associated with a lower risk of asthma. The sugar content of pure fruit juice is comparable to that of sugar-sweetened soft drinks. However, in contrast to SSBs, pure fruit juice contains vitamin C and polyphenols which seem to be protective factors for asthma.

Study design

Ages of 11, 14, 17 and 20 years.

Contacts

Public

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Floor Scheffers

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Scientific

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Eligibility criteria

Inclusion criteria

11-20 years old participating in the Dutch Prevention and Incidence of Asthma and Mite Allergy (PIAMA) birth cohort

Exclusion criteria

No information available on asthma at all ages (11, 14, 17 and 20)

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):	01-04-2021
Enrollment:	40000
Type:	Anticipated

IPD sharing statement

Plan to share IPD: Undecided

Ethics review

Positive opinion

Date: 18-05-2021

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 NL9481

Rotterdam MEC, Groningen MEC, Utrecht MEC-TNO : Rotterdam: MEC
Other 132.636/1994/39 and 137.326/1994/130; Groningen: MEC 94/08/92; Utrecht, MEC-TNO 95/50)

Study results