

Effect van COVID-19 op kwaliteit van leven bij astma

Gepubliceerd: 20-04-2020 Laatste bijgewerkt: 18-08-2022

Asthma patients experience more anxiety during COVID-19 compared to a stable timepoint in the past.

Ethische beoordeling	Positief advies
Status	Werving nog niet gestart
Type aandoening	-
Onderzoekstype	Observationeel onderzoek, zonder invasieve metingen

Samenvatting

ID

NL-OMON22301

Bron

NTR

Verkorte titel

CALiFe

Aandoening

Asthma

Ondersteuning

Primaire sponsor: Stichting O&O Franciscus Gasthuis & Vlietland

Overige ondersteuning: None

Onderzoeksproduct en/of interventie

Uitkomstmaten

Primaire uitkomstmaten

- mental health status before and during a pandemic
- number of respiratory tract infections and asthma exacerbations before and during a pandemic

Toelichting onderzoek

Achtergrond van het onderzoek

The current prevalence of COVID-19 pandemic in The Netherlands again puts patients with respiratory disorders at risk for a severe disease and death. COVID-19 is very contagious and has spread very rapidly across the world. The virus can cause symptoms ranging from mild to critical. Mild symptoms, which occur in 81% of all cases, include mild fever, nasal congestion, (dry) cough, sore throat, malaise and headache. However, in 14% of all cases, the virus causes more severe symptoms ranging from severe dyspnoea to tachypnea and hypoxia. Besides this, 5% of all cases reach an even more critical stage which might result in death due to respiratory failure, septic shock and/or multiple organ dysfunction. Since COVID-19 can cause a viral lung infection, with a pneumonia superinfection, asthma patients are at risk for having a more severe clinical picture and a worse disease outcome. It is to be expected that asthmatic patients experience more stress and anxiety for COVID-19 during this pandemic period compared to a recent period before the COVID-19 pandemic. Also, first aid posts and general practitioners report a decrease in patients that ask for help. This might be due to: 1) social distancing and therefore a reduced infection transmission ,or 2) by avoidance from patients due to COVID-19 fear or the expectation of overcrowding in these places.

Doel van het onderzoek

Asthma patients experience more anxiety during COVID-19 compared to a stable timepoint in the past.

Onderzoeksopzet

Primary & Secondary endpoints:

T0: Study visit for Grandma / Breathe study in spring 2018 / 2019 including:

- HADS, FSS, ACQ, AQLQ;
- Number of respiratory tract infections and asthma exacerbations in the past 3 months.

T12: During COVID-19 pandemic in The Netherlands:

- Surveydata including a COVID-19 likert scale and questions on health care need.
- HADS, FSS, ACQ, AQLQ
- Number of respiratory tract infections and asthma exacerbations in the past 3 months

Onderzoeksproduct en/of interventie

Surveys

Contactpersonen

Publiek

Franciscus Gasthuis & Vlietland
Geertje de Boer

+31646189710

Wetenschappelijk

Franciscus Gasthuis & Vlietland
Geertje de Boer

+31646189710

Deelname eisen

Belangrijkste voorwaarden om deel te mogen nemen (Inclusiecriteria)

Included in either Breathe (NL5752) or Grandma (NCT03278561) study.

Belangrijkste redenen om niet deel te kunnen nemen (Exclusiecriteria)

- Did not agree to be asked for future research.
- Dropped out of Breathe study within 6 months after study initiation

Onderzoeksopzet

Opzet

Type:	Observationeel onderzoek, zonder invasieve metingen
Onderzoeksmodel:	Anders
Toewijzing:	N.v.t. / één studie arm

Blinding:	Open / niet geblindeerd
Controle:	N.v.t. / onbekend

Deelname

Nederland	
Status:	Werving nog niet gestart
(Verwachte) startdatum:	20-04-2020
Aantal proefpersonen:	80
Type:	Verwachte startdatum

Voornemen beschikbaar stellen Individuele Patiënten Data (IPD)

Wordt de data na het onderzoek gedeeld: Nog niet bepaald

Ethische beoordeling

Positief advies	
Datum:	20-04-2020
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	NL8576
Ander register Advisory Commity Franciscus Gasthuis & Vlietland : 2020-049	

Resultaten

Samenvatting resultaten

Asthma exacerbation prevalence during the COVID-19 lockdown in a moderate-severe asthma cohort (DOI: [10.1136/bmjresp-2020-000758](https://doi.org/10.1136/bmjresp-2020-000758))