

Neurological Manifestations of COVID-19 and Indications of an Association with Respiratory Failure

Gepubliceerd: 15-04-2020 Laatste bijgewerkt: 18-08-2022

1) The incidence of neurological symptoms is higher in COVID-19 patients than in non-COVID-19 patients. 2) The incidence of progression to respiratory failure is higher in COVID-19 patients with neurological symptoms as compared to COVID-19 patients...

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

Samenvatting

ID

NL-OMON22339

Bron

NTR

Verkorte titel

NEUMONIA

Aandoening

COVID-19

Ondersteuning

Primaire sponsor: Zuyderland Medisch Centrum

Overige ondersteuning: N/A

Onderzoeksproduct en/of interventie

Uitkomstmaten

Primaire uitkomstmaten

Toelichting onderzoek

Achtergrond van het onderzoek

The global outbreak of coronavirus disease 2019 (COVID-19), declared a pandemic by the World Health Organization (WHO) on March 11, 2020, is regarded as the greatest challenge for healthcare in decades. Nervous system involvement in this disease could, rather than an irrelevant side issue, be a piece in the puzzle of understanding why some patients experience rapid progression to respiratory failure not anticipated from their pulmonary status.

In this prospective cohort study involving patients who are/were treated by the COVID team in Zuyderland Medisch Centrum, questionnaire research supplemented by neurological examination will be used to research whether the incidence of neurological symptoms in COVID-19 patients is different from non-COVID-19 patients, and whether neurological symptoms in COVID-19 patients have predictive value for the development of secondary clinical deterioration with respiratory failure.

Doel van het onderzoek

- 1) The incidence of neurological symptoms is higher in COVID-19 patients than in non-COVID-19 patients.
- 2) The incidence of progression to respiratory failure is higher in COVID-19 patients with neurological symptoms as compared to COVID-19 patients without neurological symptoms.

Onderzoeksopzet

Upon inclusion, upon discharge or transfer to ICU

Contactpersonen

Publiek

Zuyderland Medisch Centrum
M. Beckers

088-4599717

Wetenschappelijk

Zuyderland Medisch Centrum
M. Beckers

088-4599717

Deelname eisen

Belangrijkste voorwaarden om deel te mogen nemen (Inclusiecriteria)

- Patients who are, or were, treated by the COVID medical team of Zuyderland Medisch Centrum due to one or more complaints because of which they were suspected of COVID-19 as per local hospital protocol
- Classified as either confirmed or negative COVID-19, based upon the contemporary WHO case definition, or investigations ordered to reach one of these classifications
- Age ≥ 18 years
- Capable of adequately answering questions about neurological symptoms

Belangrijkste redenen om niet deel te kunnen nemen (Exclusiecriteria)

- Patients in whom no definitive classification of COVID-19 status (confirmed or negative) has been reached

Onderzoeksopzet

Opzet

Type:	Observationeel onderzoek, zonder invasieve metingen
Onderzoeksmodel:	Anders
Toewijzing:	N.v.t. / één studie arm
Blindering:	Open / niet geblindeerd
Controle:	N.v.t. / onbekend

Deelname

Nederland
Status: Werving gestart
(Verwachte) startdatum: 28-04-2020
Aantal proefpersonen: 285
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: 15-04-2020
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	NL8536
Ander register	METC Z : METCZ20200077

Resultaten