

Functional status and health status in COVID-19 patients pre and post rehabilitation

Gepubliceerd: 15-04-2020 Laatste bijgewerkt: 13-12-2022

It is expected that functional status and health status is impaired in COVID-19 patients after hospital discharge and that this will improve after a multidisciplinary rehabilitation program.

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

Samenvatting

ID

NL-OMON21287

Bron

NTR

Aandoening

COVID-19

Ondersteuning

Primaire sponsor: Board of Directors CIRO

Overige ondersteuning: N/A

Onderzoeksproduct en/of interventie

Uitkomstmaten

Primaire uitkomstmaten

- Functional status, assessed with Short Physical Performance Battery (SPPB), hand grip strength, Medical Research Council, Medical Research Council for muscle strength, lower-limb muscle function using a hand-held dynamometer
- Health status, assessed with Nijmegen Clinical Screening Instrument (NCSI), Hospital

Anxiety and Depression Scale (HADS), Care Dependency Scale (CDS), European Health Literacy Survey (HLS_EU_Q16), COPD Assessment Test (CAT), Patient Activation Measure (PAM)

Toelichting onderzoek

Achtergrond van het onderzoek

At the moment, thousands of people in the Netherlands are (or have been) hospitalized because of Corona Virus 2019 (COVID-19), and about a quarter of these patients is being treated with long-term mechanical ventilation in the Intensive Care Unit (ICU). Based on acute respiratory distress syndrome (ARDS) survival studies, it seems reasonable to hypothesize that many patients with COVID-19 will also experience physical and/or emotional consequences after hospitalization, which in turn will have a negative impact on the quality of life. However, there is no available evidence at present, as information about the longitudinal impact of COVID-19 is lacking.

This observational study will provide an initial understanding of the impact of hospitalization on functional status and health status quality in patients with COVID-19. Furthermore, our data will provide insight in the possible beneficial effect of rehabilitation on functional status and health status in COVID-19 patients after discharge from the hospital.

Doel van het onderzoek

It is expected that functional status and health status is impaired in COVID-19 patients after hospital discharge and that this will improve after a multidisciplinary rehabilitation program.

Onderzoeksopzet

Patients will perform a baseline assessment when admitted to Ciro. If necessary, patients will perform an 8-week multidisciplinary rehabilitation program. Tests and questionnaires will be repeated after the rehabilitation period.

Contactpersonen

Publiek

Ciro Horn
Anouk Vaes

+31 (0)475-587602

Wetenschappelijk

Ciro Horn
Anouk Vaes

+31 (0)475-587602

Deelname eisen

Belangrijkste voorwaarden om deel te mogen nemen (Inclusiecriteria)

COVID-10 patients referred to Ciro Horn after hospital discharge

Belangrijkste redenen om niet deel te kunnen nemen (Exclusiecriteria)

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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 gestart
(Verwachte) startdatum:	30-03-2020
Aantal proefpersonen:	30
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
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NTR-new	NL8535
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Ander register medisch-ethische toetsingscommissie (METC) azM/UM : METC 2020-1340

Resultaten