# The Digital Doc in the Emergency Department: The solution for patient care in the Covid-19 pandemic?

No registrations found.

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

## Summary

### ID

NL-OMON19962

**Source**
Nationaal Trial Register

**Brief title**
DigitalDoc

**Health condition**

Suspicion for Covid-19

### Sponsors and support

**Primary sponsor:** none
**Source(s) of monetary or material Support:** none

### Intervention

### Outcome measures

**Primary outcome**

Number of PPE used per patient

**Secondary outcome**

HAD-A anxiety score. Pickers patient Satisfaction-15 questionairry

# Study description

### Background summary

Quasi experimental study with before-after design of digital communication in the ED. Contact isolation of patients has negative impact on patient’s psychological well-being, safety and satisfaction. Furthermore, it is advised to limit patient contact because the supplies of personal protective equipment (PPE) are limited. Digital consultation is therefore recommended. Digital consultation, or telemedicine, means a healthcare worker has video contact with the patient while the patient is in a contact isolation room. The effect of digital consultation has not been studied yet.
Aim: Does digital consultation reduce PPE use in the ED in patients treated in contact isolation during the Covid-19 pandemic, and does digital consultation improve patient’s well-being (e.g. Hospital Anxiety, patient satisfaction)?

### Study objective

Telemedicine will reduce personal protection equipment. Furthermore it could benefit patients' well-being

### Study design

The primary outcome is measured during ED visit. Physician and nurse note how often they go inside the room in PPE, till the patient is discharged.
The secondary outcome is measured at the end of the ED visit. The patient is asked to fill in the HAD-A anxiety score and Pickers Patient Satisfaction-15 Quetionairy

### Intervention

Telemedicine by Ipads

# Contacts

**Public**
Máxima Medical Centre
Bart Candel

0644665616
**Scientific**

Máxima Medical Centre
Bart Candel

0644665616

# Eligibility criteria

## Inclusion criteria

Patients treated in the ED in contact isolation.

## Exclusion criteria

15L O2/min. cognitive impairment, GCS<15, <18years

# Study design

## Design

| | |
|---|---|
| Study type: | Observational non invasive |
| Intervention model: | Other |
| Allocation: | Non-randomized controlled trial |
| Masking: | Open (masking not used) |
| Control: | N/A , unknown |

## Recruitment

NL

| | |
|---|---|
| Recruitment status: | Recruiting |
| Start date (anticipated): | 08-04-2020 |
| Enrollment: | 50 |
| Type: | Anticipated |

## IPD sharing statement

**Plan to share IPD:** Undecided

# Ethics review

Positive opinion

| | |
|---|---|
| Date: | 12-04-2020 |
| 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 | NL8522 |
| Other | METC Máxima MC : N20.042 |

# Study results