

IgG and IgA response to SARS-CoV-2 in serum and saliva samples from infected healthcare workers who suffered from relatively mild disease

Published: 15-04-2020

Last updated: 09-04-2024

To investigate the dynamics of IgA and IgG antibody level against SARS-CoV-2 in 86 health care workers with relatively mild symptoms.

Ethical review	Approved WMO
Status	Pending
Health condition type	Viral infectious disorders
Study type	Observational invasive

Summary

ID

NL-OMON49759

Source

ToetsingOnline

Brief title

Investigation into the antibody response to SARS-CoV-2 infection

Condition

- Viral infectious disorders
- Respiratory tract infections

Synonym

COVID-19, new coronavirus

Research involving

Human

Sponsors and support

Primary sponsor: Elisabeth-Tweesteden ziekenhuis

Source(s) of monetary or material Support: Ministerie van OC&W

Intervention

Keyword: Antibody response, IgA, IgG, SARS-CoV-2

Outcome measures

Primary outcome

IgG and IgA titers

Secondary outcome

sensitivity of Euroimmun assay, the presence of virus neutralizing antibodies

Study description

Background summary

Refer to pag 1 of study protocol

Study objective

To investigate the dynamics of IgA and IgG antibody level against SARS-CoV-2 in 86 health care workers with relatively mild symptoms.

Study design

Observational study

Study burden and risks

4 x venapuncture (6 ml); pain and bruising.
4 x saliva sample; possible irritation of gum

Contacts

Public

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Trial sites

Listed location countries

Netherlands

Eligibility criteria

Age

Adults (18-64 years)

Elderly (65 years and older)

Inclusion criteria

Healthcare workers with confirmed SARS-CoV-2 infection.

Exclusion criteria

unable to give written informed consent; health care workers that are involved in the design and execution of this study.

Study design

Design

Study type: Observational invasive

Masking: Open (masking not used)

Control:	Uncontrolled
Primary purpose:	Diagnostic

Recruitment

NL	
Recruitment status:	Pending
Start date (anticipated):	14-04-2020
Enrollment:	86
Type:	Anticipated

Ethics review

Approved WMO	
Date:	15-04-2020
Application type:	First submission
Review commission:	METC Brabant (Tilburg)
Approved WMO	
Date:	30-11-2020
Application type:	Amendment
Review commission:	METC Brabant (Tilburg)

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
CCMO	NL73713.028.20

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