

# EPIC - Descriptive, prognostic study of SARS-CoV-2 coronavirus infection in Martinique, conducted in a hospital cohort of patients with probable or confirmed COVID-19 infection

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## General

### Identification

Detailed name Descriptive, prognostic study of SARS-CoV-2 coronavirus infection in Martinique, conducted in a hospital cohort of patients with probable or confirmed COVID-19 infection

Sign or acronym EPIC

CNIL registration number, number and date of CPP agreement, AFSSAPS (French Health Products Safety Agency) authorisation

MR-004

### General Aspects

Medical area Infectious diseases

Study in connection with Covid-19 Yes

Pathology (details) Covid-19

Keywords severe forms, demographic, virological, immunological, clinical, predictive factors, biological

### Scientific investigator(s) (Contact)

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Unit French West Indies - Guiana CIC - Inserm 1424 - Infectious, genetic and emerging diseases in tropical regions

Organization Inserm/Martinique University Hospital  
Martinique University Hospital

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Organization CHU de Martinique

## Collaborations

Participation in projects, networks and consortia Yes

Details Use of the database for projects around COVID-19: 2 projects in progress

## Funding

Funding status Public

Details Martinique University Hospital

## Governance of the database

Sponsor(s) or organisation(s) responsible Martinique University Hospital

Organisation status Public

Presence of scientific or steering committees Yes

## Additional contact

Name of the contact	Campana
Surname	Valentine
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Unit	French West Indies - Guiana CIC - Inserm 1424 - Infectious, genetic and emerging diseases in tropical regions
Organization	Inserm/Martinique University Hospital

## Main features

### Type of database

Type of database

Others

Specify

Retrospective study on medical records

Database recruitment is carried out by an intermediary

A selection of health institutions and services

Database recruitment is made on the basis of:

Another treatment or procedure

Database recruitment is carried out as part of an interventional study

No

Additional information regarding sample selection.

Patient hospitalised in a COVID-specific treatment unit, including intensive care, for possible or confirmed SARS-CoV-2 infection (PCR+ and/or CT scan consistent with infection) at Martinique University Hospital.

### Database objective

Main objective

Identify the demographic, clinical, biological, virological and immunological factors associated with, or predictive of the onset of a severe form of COVID-19 in a cohort of children and adults managed in a hospital setting at Martinique University Hospital.

Inclusion criteria	<p>Inclusion criterion: Patient hospitalised in a COVID-specific treatment unit, including intensive care, for possible or confirmed SARS-CoV-2 infection (PCR+ and/or CT scan consistent with infection) at Martinique University Hospital.</p> <p>Exclusion criterion: Refusal to take part, by the patient or their legal representative</p> <p>Exclusion criteria: patient with confirmed diagnosis of infection with a pathogen other than SARS-CoV-2, and no likelihood of co-infection with SARS-CoV-2</p>
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## Population type

Age	<p>Adolescence (13 to 18 years)</p> <p>Adulthood (19 to 24 years)</p> <p>Adulthood (25 to 44 years)</p> <p>Adulthood (45 to 64 years)</p> <p>Elderly (65 to 79 years)</p> <p>Great age (80 years and more)</p>
Population covered	Sick population
Pathology	B33 - Other viral diseases, not elsewhere classified
Gender	<p>Male</p> <p>Woman</p>
Geography area	Regional
French regions covered by the database	Martinique

## Data collection

### Dates

Date of first collection (YYYY or MM/YYYY)	2020
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### Size of the database

Size of the database (number of individuals)	< 500 individuals
Details of the number of individuals	Approximately 150 patients for the first wave, second wave ongoing

### Data

Database activity	Current data collection
Type of data collected	Clinical data

## Biological data

Clinical data (detail) Direct physical measures

Details of collected clinical data History, complications, daily clinical signs and symptoms from arrival in the emergency department up to D30, treatments, medical imaging, clinical events

Biological data (detail) virological, bacteriological, haematological and biochemistry data obtained during the hospital stay

Presence of a biobank No

Health parameters studied Health event/morbidity  
Health event/mortality  
Others

Other (detail) risk factors

## Procedures

Data collection method Based on medical records

Participant monitoring No

Followed pathology

Links to administrative sources No

## Promotion and access

### Promotion

Other information General medicine thesis currently being drafted

### Access

Presence of document that lists variables and coding procedures Yes

Access to aggregated data Access on specific project only

Access to individual data Access on specific project only