

# 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 HospitalMartinique 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

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.

Exclusion criterion: Refusal to take part, by the patient or their legal representative

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

## Population type

Age  
Adolescence (13 to 18 years)  
Adulthood (19 to 24 years)  
Adulthood (25 to 44 years)  
Adulthood (45 to 64 years)  
Elderly (65 to 79 years)  
Great age (80 years and more)

Population covered  
Sick population

Pathology  
B33 - Other viral diseases, not elsewhere classified

Gender  
Male  
Woman

Geography area  
Regional

French regions covered by the database  
Martinique

## Data collection

### Dates

Date of first collection (YYYY or MM/YYYY)  
2020

### 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