LICORNE - Predictive factors for mortality at D28 for patients managed at Lille University Hospital for COVID-19

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General

Identification

Detailed name	Predictive factors for mortality at D28 for patients managed at Lille University Hospital for COVID-19
Sign or acronym	LICORNE
CNIL registration number, number and date of CPP agreement, AFSSAPS (French Health Products Safety Agency) authorisation	n°ID-RCB : 2020-A01514-35 , NCT 04475211

General Aspects

Medical area	Anesthesiology ? Intensive care Biology Immunology Infectious diseases
Study in connection with Covid-19	Yes
Pathology (details)	"suspect patients", "possible cases", "probable cases" or "confirmed cases" of SARS-CoV-2 infection

Scientific investigator(s) (Contact)

Name of the director	CHOPIN
Surname	Marie Charlotte
Organization	Lille University Hospital
Name of the director	DEPLANQUE
Surname	Dominique
Organization	CHU de Lille

Collaborations

Funding

Funding status	Public
Details	i-site Lille

Governance of the database

Sponsor(s) or organisation(s) responsible	Lille University Hospital
Organisation status	Public
Presence of scientific or steering committees	Yes

Additional contact

Name of the contact	SCHWARB
Surname	Laurent
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Organization	Lille University Hospital - Research Division Promotion Unit

Main features

Type of database

Type of database	Others
Specify	Non-interventional clinical trial database corresponding to level 3 human research
Study databases (details)	Cohort study
Database recruitment is carried out by an intermediary	A selection of health institutions and services
Database recruitment is carried out as part of an interventional study	No

Database objective

Main objective	The primary objective of this study is to identify the predictive factors for mortality at D28 of SARS-CoV-2 infection in patients managed for COVID-19 at Lille University Hospital, via the creation of an epidemiological, clinical, biological, immunological, genetic, microbiological, pathological, radiological and therapeutic database, indicating the results of functional tests. NB: The analysis will exclude patients who are "confirmed cases" with serious SARS-CoV-2 infection managed in a conventional medicine department owing to the therapeutic limitations (TL) which existed prior to SARS-CoV-2 infection, due to incurable disease or underlying comorbidities.
Inclusion criteria	Any adult patient, "suspect patients", "possible cases", "probable cases" or "confirmed cases" of SARS-CoV-2 infection admitted to Lille University Hospital.

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	Local
French regions covered by the database	Nord - Pas-de-Calais Picardie
Detail of the geography area	Patients having attended an appointment or admitted to Lille University Hospital for suspected COVID

Data collection

Dates

Date of first collection (YYYY or	2020

MM/YYYY)	
Date of last collection (YYYY or MM/YYYY)	2020
Size of the database	
Size of the database (number of individuals)	[1000-10 000[individuals
Details of the number of individuals	1000
Data	
Database activity	Current data collection
Type of data collected	Clinical data Paraclinical data Biological data
Clinical data (detail)	Direct physical measures Medical registration
Paraclinical data (detail)	Patient treatment path, epidemiological data
Biological data (detail)	standard care laboratory work-up, PCR diagnosis, other microbiological tests,
Presence of a biobank	Yes
Contents of biobank	Serum Plasma Blood cells isolated Fluids (saliva, urine, amniotic fluid, ?) Tissues
Details of biobank content	EDTA, heparin and citrate serum and plasma, PBMC, nasopharyngeal samples, tissue taken from post-mortem examinations
Health parameters studied	Health event/morbidity Health event/mortality
Procedures	
Data collection method	Retrospective collection for the first wave of COVID, the prospective collection from September 2020
Participant monitoring	Yes
Monitoring procedures	Monitoring by contact with the participant (mail, e-

	mail, telephone etc.) Monitoring by convocation of the participant
Details on monitoring of participants	For patients followed up in an outpatient setting: data collection at D0, D9, D30, M3 and M6. - For hospitalised patients: data collection at D1, D3, D5, D7, D9, D14, D30, M3 and M6
Links to administrative sources	No

Promotion and access

Promotion

Link to the document	https://pubmed.ncbi.nlm.nih.gov/32708264/
Description	Clinico-Biological Features and Clonal Hematopoiesis in Patients with Severe COVID-19 Endotheliopathy Is Induced by Plasma From Critically Ill Patients and Associated With Organ Failure in Severe COVID-19 Severe SARS-CoV-2 patients develop a higher specific T-cell response
Link to the document	https://pubmed.ncbi.nlm.nih.gov/32970476/
Link to the document	https://pubmed.ncbi.nlm.nih.gov/33376594/

Access