suivi-COVID - Evaluation of the post-COVID-19 functional status (PCFS) scale as a screening tool for sequelae in patients with COVID-19 hypoxic pulmonary disease

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General

Identification

Detailed name	Evaluation of the post-COVID-19 functional status (PCFS) scale as a screening tool for sequelae in patients with COVID-19 hypoxic pulmonary disease
Sign or acronym	suivi-COVID

General Aspects

Medical area	Pneumology
Study in connection with Covid-19	Yes
Pathology (details)	sequelae of hypoxic pulmonary disease
Health determinants	Others (specify)
Others (details)	nothing in particular
Keywords	functional status scale, Pneumonia

Scientific investigator(s) (Contact)

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Organization	Nantes University Hospital CIC

Collaborations

Participation in projects, networks and consortia	No

Funding

Funding status	Private
Details	Pays de la Loire Respiratory Health Research Institute

Governance of the database

Sponsor(s) or organisation(s) responsible	Nantes University Hospital
Organisation status	Public
Presence of scientific or steering committees	No

Additional contact

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Organization	Inserm

Main features

Type of database

Type of database	Others
Specify	medical hospitalisation and follow-up data
Study databases (details)	Longitudinal study (except cohorts)
Database recruitment is carried out by an intermediary	A selection of health institutions and services
Database recruitment is 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. | The population concerned brings together patients aged 18 to 75 years, admitted to Nantes University Hospital for pulmonary disease requiring supplemental oxygen therapy (known as "hypoxic pulmonary disease") attributed to SARS-CoV-2 based on a positive PCR or chest CT scan criteria, having completed the PCFS and mMRC questionnaires. These patients will constitute the Nantes post-COVID-19 follow-up cohort. As part of their management, they will be offered routine follow-up at 3 months, either as a pulmonology appointment if standard hospitalisation was required, or in the outpatient clinic setting allowing a wider panel of tests to be performed, if admission to an intensive care unit was warranted due to the initial severity of the infection, with or without invasive ventilation.

More than 700 patients tested positive for SARS-CoV-2 at Nantes University Hospital between February and June 2020. Approximately one hundred of these patients fulfil the criteria for age and severity of pulmonary disease, and are therefore eligible for this follow-up. |
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Database objective

Main objective	The primary objective of this project is to propose a French translation and assess the "post-COVID-19 functional status" (PCFS) scale as a screening tool for respiratory sequelae in patients with COVID-19 hypoxic pulmonary disease after 3 months in the Nantes COVID-19 hypoxic pulmonary disease cohort, attending an appointment at Nantes University Hospital. The primary endpoint will be to assess the Spearman correlation between the PCFS scale and the mMRC (modified Medical Research Council) scale.
Inclusion criteria	Adult patient, aged under 75 years, having been admitted to Nantes University Hospital for hypoxic pulmonary disease, defined by the need for supplemental oxygen therapy for at least 24 hours, associated with a diagnosis of SARS-CoV-2 infection confirmed by PCR or CT scan lesions consistent with infection in the event of a negative PCR, attending the 3 month follow-up visit, and having completed the PCFS and mMRC questionnaires.

Population type

| Age | Adulthood (45 to 64 years)
Elderly (65 to 79 years) |
|---|---|

	Great age (80 years and more)
Population covered	Sick population
Pathology	J12 - Viral pneumonia, not elsewhere classified
Gender	Male Woman
Geography area	Regional
French regions covered by the database	Pays de la Loire

Dates

Date of first collection (YYYY or MM/YYYY)	2020
Date of last collection (YYYY or MM/YYYY)	2021

Size of the database

Size of the database (number of individuals)	< 500 individuals

Data

Database activity	Current data collection
Type of data collected	Clinical data Declarative data Paraclinical data Biological data
Clinical data (detail)	Direct physical measures Medical registration
Declarative data (detail)	Paper self-questionnaire

Procedures

Participant monitoring	No
Followed pathology	
Links to administrative sources	No

Promotion

Access