

# 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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## Général

### Identification

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

### Thématiques générales

Domaine médical	Pneumology
Etude en lien avec la Covid-19	Yes
Pathologie, précisions	sequelae of hypoxic pulmonary disease
Déterminants de santé	Others (specify)
Autres, précisions	nothing in particular
Mots-clés	functional status scale, Pneumonia

### Responsable(s) scientifique(s)

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Organisme	Nantes University Hospital CIC

### Collaborations

Participation à des projets, des réseaux, des consortiums	No
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### Financements

Financements	Private
Précisions	Pays de la Loire Respiratory Health Research Institute
<b>Gouvernance de la base de données</b>	
Organisation(s) responsable(s) ou promoteur	Nantes University Hospital
Statut de l'organisation	Secteur Public
Existence de comités scientifique ou de pilotage	No
<b>Contact(s) supplémentaire(s)</b>	
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Laboratoire	Thorax Institute - UMR Inserm 1087/CNRS 6291
Organisme	Inserm
<b>Caractéristiques</b>	
<b>Type de base de données</b>	
Type de base de données	Others
Préciser	medical hospitalisation and follow-up data
Base de données issues d'enquêtes, précisions	Longitudinal study (except cohorts)
Origine du recrutement des participants	A selection of health institutions and services
Critère de sélection des participants	Another treatment or procedure
Le recrutement dans la base de données s'effectue dans le cadre d'une étude	No

## interventionnelle

### Informations complémentaires concernant la constitution de l'échantillon

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.

## Objectif de la base de données

### Objectif principal

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.

### Critères d'inclusion

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.

## Type de population

Age	Adulthood (45 to 64 years) Elderly (65 to 79 years) Great age (80 years and more)
Population concernée	Sick population
Pathologie	J12 - Viral pneumonia, not elsewhere classified
Sexe	Male Woman
Champ géographique	Regional
Régions concernées par la base de données	Pays de la Loire
<b>Collecte</b>	
<b>Dates</b>	
Année du premier recueil	2020
Année du dernier recueil	2021
<b>Taille de la base de données</b>	
Taille de la base de données (en nombre d'individus)	< 500 individuals
<b>Données</b>	
Activité de la base	Current data collection
Type de données recueillies	Clinical data Declarative data Paraclinical data Biological data
Données cliniques, précisions	Direct physical measures Medical registration
Données déclaratives, précisions	Paper self-questionnaire
<b>Modalités</b>	
Suivi des participants	No
<b>Pathologie suivies</b>	
Appariement avec des sources administratives	No

Valorisation et accès

Valorisation et accès

Accès