

# Cov-Activité - Implementation and effect of implementing physical activity program among older adults in hospitalized positive covid-19 older adults

Head :ROLLAND Yves

Last update : 05/05/2021 | Version : 1 | ID : 73507

## General

### Identification

Detailed name	Implementation and effect of implementing physical activity program among older adults in hospitalized positive covid-19 older adults
Sign or acronym	Cov-Activité
CNIL registration number, number and date of CPP agreement, AFSSAPS (French Health Products Safety Agency) authorisation	20.04.08.48526

### General Aspects

Medical area	Geriatrics
Study in connection with Covid-19	Yes
Pathology (details)	COVID-19 infection
Keywords	older adults/hospitalisation/COVID-19/physical exercise

### Scientific investigator(s) (Contact)

Name of the director	ROLLAND
Surname	Yves
Address	Gérontopôle, CHU Toulouse, F-31400 Toulouse, France; UMR 1027, INSERM, F-31400 Toulouse, France
Email	drdi.reglementaire@chu-toulouse.fr
Organization	Toulouse University Hospital

### Collaborations

Participation in projects, networks and consortia No

## Funding

Funding status Public

Details ARI Flash COVID 2020 Toulouse University Hospital

## Governance of the database

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

Organisation status Public

Presence of scientific or steering committees No

## Additional contact

## Main features

## Type of database

Type of database Study databases

Study databases (details) Cohort study

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 aged 75 years and over
- hospitalised due to COVID-19 infection, with positive molecular diagnosis (PCR) or highly probable diagnosis by CT scan
- Hospitalised in the Purpan geriatric post-emergency department (Toulouse), Rehabilitation center (Toulouse), geriatric unit (Grenoble), geriatric unit (Guadeloupe)

## Database objective

Main objective Describe the feasibility of an unsupervised physical activity exercise programme for adults aged

75 years and over, hospitalised in covid-19 unit

Inclusion criteria	75 years and over COVID-19 positive on molecular diagnosis (PCR) or highly probable diagnosis by CT scan Hospitalised in the geriatric post-emergency department (COVID unit), Rehabilitation Unit (Toulouse), Grenoble geriatric department and Guadeloupe University Hospital Patient able to perform all tests
--------------------	--

## Population type

Age	Elderly (65 to 79 years) Great age (80 years and more)
-----	---

Population covered	Sick population
--------------------	-----------------

Pathology	I - Certain infectious and parasitic diseases
-----------	---

Gender	Male Woman
--------	---------------

Geography area	National
----------------	----------

Detail of the geography area	Toulouse, Grenoble, Guadeloupe
------------------------------	--------------------------------

## 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	90
--------------------------------------	----

### Data

Database activity	Current data collection
-------------------	-------------------------

Type of data collected	Clinical data Paraclinical data
------------------------	------------------------------------

Details of collected clinical data	Date of hospital admission, date of unit admission, date of inclusion, date of birth, sexe, marital status: married, single, divorced, widow(er), type of
------------------------------------	---

residence: at home, senior retirement home or accommodation, nursing home, lifestyle: lives alone unassisted, lives alone with professional assistance, lives with spouse, lives with spouse and professional assistance, family carers without professionals assistance, comorbidities: according to Charlson index, multiple medications, weight (kg), height (cm), weight loss: no weight loss, weight loss equivalent to at least 5% body weight in 1 month, weight loss equivalent to at least 10% body weight in 6 months, starvation, diagnostic method for COVID-19 infection: Positive PCR with chest CT scan not supporting the diagnosis or not performed, negative PCR and chest CT scan supporting the diagnosis, positive PCR and chest CT supporting the diagnosis, symptom onset date, respiratory rate per minute at admission, saturation at admission, oxygen per minute, complication related to COVID-19, death during hospitalisation related to COVID-19, death during hospitalisation unrelated to COVID-19, date of inclusion in MATCH, presence of dementia

Paraclinical data (detail)

albumin: in g/L, lymphopenia if  $< 1,500/\text{mm}^3$ , LDH:  $> 250/\text{mm}^3$ , presence of DIC: thrombocytopenia, fibrinogen decreased, PT decreased and D-dimer increased

Presence of a biobank

No

Health parameters studied

Health event/morbidity  
Quality of life/health perception

Quality of life/perceived health (detail)

fatigue and motivation score, hospital anxiety and depression score, patient satisfaction with the physical exercise programme

## Procedures

Data collection method

prospective, by trained personnel

Participant monitoring

No

Followed pathology

Links to administrative sources

No

## Promotion and access

Promotion

Access

