

# FACTORS INFLUENCING COMPLIANCE WITH OUTPATIENT EXERCISE TRAINING - FACTORS INFLUENCING COMPLIANCE WITH OUTPATIENT EXERCISE TRAINING FOR PATIENTS SUFFERING FROM COPD IN THE COVID-19 PANDEMIC CONTEXT

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## General

### Identification

|                 |                                                                                                                                    |
|-----------------|------------------------------------------------------------------------------------------------------------------------------------|
| Detailed name   | FACTORS INFLUENCING COMPLIANCE WITH OUTPATIENT EXERCISE TRAINING FOR PATIENTS SUFFERING FROM COPD IN THE COVID-19 PANDEMIC CONTEXT |
| Sign or acronym | FACTORS INFLUENCING COMPLIANCE WITH OUTPATIENT EXERCISE TRAINING                                                                   |

### General Aspects

|                                   |                                                                                                                                                                                                                               |
|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Medical area                      | Physical medicine and rehabilitation<br>Pneumology                                                                                                                                                                            |
| Study in connection with Covid-19 | Yes                                                                                                                                                                                                                           |
| Health determinants               | Addictions<br>Climate<br>Geography<br>Healthcare system and access to health care services<br>Iatrogenic<br>Intoxication<br>Lifestyle and behavior<br>Nutrition<br>Occupation<br>Pollution<br>Social and psychosocial factors |

### Scientific investigator(s) (Contact)

|                      |                             |
|----------------------|-----------------------------|
| Name of the director | Boudrahem                   |
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Organization UCBL

## Collaborations

Participation in projects, networks and consortia No

## Funding

### Governance of the database

Sponsor(s) or organisation(s) responsible AHREK

Organisation status

Presence of scientific or steering committees No

## Additional contact

## Main features

### Type of database

Type of database Study databases

Study databases (details) Not-repeated cross-sectional studies (except case control studies)

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

## Database objective

Main objective The primary objective of this research is therefore, initially, to shed light on the behaviour of patients suffering from obstructive pulmonary disease undergoing outpatient exercise training in the current context of the Covid-19 pandemic, based on 3 determining factors for behaviour, i.e.: motivation, capability and opportunity (COM-B, BCW model).

The feedback collected and analysed will then be compared with the data in the literature [4] [5] [6] [7] [8] [9] [10].

The secondary objectives will be to identify the factors facilitating or hindering compliance with exercise training which could be addressed by physiotherapists, and, lastly, to compare these findings with the possibilities and difficulties perceived by these professionals in supporting patients in this new context.

|                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|--------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Inclusion criteria                         | Inclusion criteria: <ul style="list-style-type: none"><li>- Patients diagnosed with COPD</li><li>- Medical prescription for exercise training</li><li>- Males and females aged over 50 years, new to or already experienced in exercise training</li></ul> Non-inclusion criteria: <ul style="list-style-type: none"><li>- Patients without COPD</li><li>- No medical prescription for exercise training</li></ul> Exclusion criterion: <ul style="list-style-type: none"><li>- All categories of individuals under special protection with respect to French law (Articles L1121-8 -L1121-5 -L1121-6 -L1121-7 -L1121-9 of the French Public Health Code) are excluded</li></ul> |
| Population type                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Age                                        | Adulthood (45 to 64 years)<br>Elderly (65 to 79 years)<br>Great age (80 years and more)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Population covered                         | Sick population                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Pathology                                  | X - Diseases of the respiratory system                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Gender                                     | Male<br>Woman                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Geography area                             | Departmental                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| French regions covered by the database     | Auvergne Rhône-Alpes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Data collection                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Dates                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Date of first collection (YYYY or MM/YYYY) | 2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Size of the database                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

|                                              |                                   |
|----------------------------------------------|-----------------------------------|
| Size of the database (number of individuals) | < 500 individuals                 |
| Details of the number of individuals         | 5 to 10 patients                  |
| Data                                         |                                   |
| Type of data collected                       | Clinical data<br>Declarative data |
| Declarative data (detail)                    | Face to face interview            |
| Procedures                                   |                                   |
| Followed pathology                           |                                   |
| Promotion and access                         |                                   |
| Promotion                                    |                                   |
| Access                                       |                                   |