

# NutriCoviD30 - Food intake and weight loss in the course of COVID-19 infection. A longitudinal study of the multicenter NutriCoviD30 cohort

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| General                                                                                                                  |                                                                                                                              |
|--------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| Identification                                                                                                           |                                                                                                                              |
| Detailed name                                                                                                            | Food intake and weight loss in the course of COVID-19 infection. A longitudinal study of the multicenter NutriCoviD30 cohort |
| Sign or acronym                                                                                                          | NutriCoviD30                                                                                                                 |
| CNIL registration number, number and date of CPP agreement, AFSSAPS (French Health Products Safety Agency) authorisation | EudraCT/ID-RCB: 2020-A01120-39                                                                                               |
| General Aspects                                                                                                          |                                                                                                                              |
| Medical area                                                                                                             | Endocrinology and metabolism<br>General practice<br>Infectious diseases<br>Pneumology                                        |
| Study in connection with Covid-19                                                                                        | Yes                                                                                                                          |
| Pathology (details)                                                                                                      | Malnutrition                                                                                                                 |
| Health determinants                                                                                                      | Nutrition                                                                                                                    |
| Keywords                                                                                                                 | COVID-19, pneumonia, weight loss, food intake, sarcopenia, malnutrition                                                      |
| Scientific investigator(s)<br>(Contact)                                                                                  |                                                                                                                              |
| Name of the director                                                                                                     | Marie-France                                                                                                                 |
| Surname                                                                                                                  | Vaillant                                                                                                                     |
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|              |                                    |
|--------------|------------------------------------|
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| Unit         | Nutrition                          |
| Organization | Grenoble Alpes University Hospital |

## Collaborations

|                                                   |    |
|---------------------------------------------------|----|
| Participation in projects, networks and consortia | No |
|---------------------------------------------------|----|

## Funding

|                |       |
|----------------|-------|
| Funding status | Mixed |
|----------------|-------|

|         |                                      |
|---------|--------------------------------------|
| Details | Donation Nutricia Nutrition Clinique |
|---------|--------------------------------------|

## Governance of the database

|                                           |                                    |
|-------------------------------------------|------------------------------------|
| Sponsor(s) or organisation(s) responsible | Grenoble Alpes 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. | Inpatients with a confirmed diagnosis of Covid-19 called at home one month after discharge from hospital |
|----------------------------------------------------|----------------------------------------------------------------------------------------------------------|

## Database objective

|                                              |                                                                                                                                                                                                                                                                                                               |
|----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Main objective                               | The aim of this study was to describe the nutritional impact of COVID-19 infection on adult inpatients on the short- to mid-term (up to 30 days after hospital discharge), using food intake and weight measurements. It also aimed to identify factors associated with a decrease in food intake and weight. |
| Inclusion criteria                           | <ul style="list-style-type: none"> <li>- Adults inpatients with a confirmed diagnosis of Covid-19</li> <li>- 30 days delay after discharge from hospital</li> <li>- information and no opposition for data collection and call interview</li> </ul>                                                           |
| Population type                              |                                                                                                                                                                                                                                                                                                               |
| Age                                          | <ul style="list-style-type: none"> <li>Adulthood (19 to 24 years)</li> <li>Adulthood (25 to 44 years)</li> <li>Adulthood (45 to 64 years)</li> <li>Elderly (65 to 79 years)</li> <li>Great age (80 years and more)</li> </ul>                                                                                 |
| Population covered                           | Sick population                                                                                                                                                                                                                                                                                               |
| Pathology                                    | X - Diseases of the respiratory system                                                                                                                                                                                                                                                                        |
| Gender                                       | <ul style="list-style-type: none"> <li>Male</li> <li>Woman</li> </ul>                                                                                                                                                                                                                                         |
| Geography area                               | National                                                                                                                                                                                                                                                                                                      |
| Detail of the geography area                 | France                                                                                                                                                                                                                                                                                                        |
| Data collection                              |                                                                                                                                                                                                                                                                                                               |
| Dates                                        |                                                                                                                                                                                                                                                                                                               |
| Date of first collection (YYYY or MM/YYYY)   | 2020                                                                                                                                                                                                                                                                                                          |
| Date of last 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         | 403 included                                                                                                                                                                                                                                                                                                  |
| Data                                         |                                                                                                                                                                                                                                                                                                               |

|                                       |                                                        |
|---------------------------------------|--------------------------------------------------------|
| Database activity                     | Data collection completed                              |
| Type of data collected                | Clinical data<br>Declarative data<br>Paraclinical data |
| Clinical data (detail)                | Medical registration                                   |
| Details of collected clinical data    | weight, chronic disease, diet                          |
| Declarative data (detail)             | Phone interview                                        |
| Details of collected declarative data | COVID-19 symptoms, difficulties due to lockdown        |
| Paraclinical data (detail)            | height, food intake, appetite                          |
| Presence of a biobank                 | No                                                     |
| Procedures                            |                                                        |
| Data collection method                | eCRF                                                   |
| Participant monitoring                | No                                                     |
| Followed pathology                    |                                                        |
| Links to administrative sources       | No                                                     |
| Promotion and access                  |                                                        |
| Promotion                             |                                                        |
| Other information                     | article under review                                   |
| Access                                |                                                        |
| Access to aggregated data             | Access on specific project only                        |
| Access to individual data             | Access on specific project only                        |