

PiCADO - Longitudinal Study on "Domo-medicine" (Telemedicine) in Cancer Treatment

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| General | |
|--|---|
| Identification | |
| Detailed name | Longitudinal Study on "Domo-medicine" (Telemedicine) in Cancer Treatment |
| Sign or acronym | PiCADO |
| CNIL registration number, number and date of CPP agreement, AFSSAPS (French Health Products Safety Agency) authorisation | Accord CNIL |
| General Aspects | |
| Medical area | Cancer research |
| Health determinants | Iatrogenic Nutrition |
| Keywords | Colon cancer, rectal cancer, pancreatic cancer, bronchopulmonary cancer, circadian rhythms, chrono-chemotherapy, Domo-medicine, lung cancer, Ile de France, Champagne-Ardenne |
| Scientific investigator(s) (Contact) | |
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Organization

Hôpital Paul Brousse -

Collaborations

Funding

Funding status

Public

Details

Région Ile-de-France ainsi que par la Région Champagne-Ardenne

Governance of the database

Sponsor(s) or organisation(s) responsible

INSERM

Organisation status

Public

Additional contact

Main features

Type of database

Type of database

Study databases

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 carried out as part of an interventional study

No

Database objective

Main objective

The aim of PiCADO is to provide clinical, socio-economic and technological quantitative indicators with sufficient statistical reliability, so as to refine and validate early predictors of toxicity (asthenia, anorexia, diarrhoea, fever, neutropaenia) or indeed efficacy (tumour response, progression-free survival), to demonstrate a reduction in emergency admissions and severity of chemotherapy side effects compared to matched patients receiving similar treatment for the same condition under conventional conditions.

Inclusion criteria

- Men or women - Diagnosed with cancer (all cancer

types) - Over 18 years of age - Treated as an outpatient - Living at home (alone or as a couple) - Covered by health insurance - Written consent in French to participate in the study

| Population type | |
|--|---|
| Age | Adulthood (19 to 24 years) Adulthood (25 to 44 years) Adulthood (45 to 64 years) Elderly (65 to 79 years) Great age (80 years and more) |
| Population covered | Sick population |
| Gender | Male Woman |
| Geography area | Local |
| French regions covered by the database | Alsace Champagne-Ardenne Lorraine Île-de-France |
| Detail of the geography area | Hôpital Paul Brousse (Villejuif) or Institut Jean Godinot (Reims). |
| Data collection | |
| Dates | |
| Date of first collection (YYYY or MM/YYYY) | 04/2012 |
| Date of last collection (YYYY or MM/YYYY) | 2016 |
| Size of the database | |
| Size of the database (number of individuals) | < 500 individuals |
| Details of the number of individuals | 200 |
| Data | |
| Database activity | Current data collection |
| Type of data collected | Clinical data Biological data |
| Clinical data (detail) | Medical registration |

| | |
|---|---|
| Biological data (detail) | Wireless physiological data sensors: scales (placed in the bathroom, bedroom or another room chosen by the patient), temperature, activity-rest and position sensor (worn continuously by the patient via a chest-level port system). |
| Presence of a biobank | Yes |
| Contents of biobank | Others |
| Details of biobank content | All collected data are securely stored (certified medical data hosting) in a central system constituting the patient record: - Data from the sensor and scales are transmitted via a portable data collector (Bluetooth Low Energy communication) - data from the collector and touch pad are transmitted to the patient's record via GPRS communication. |
| Health parameters studied | Health event/morbidity Health event/mortality Health care consumption and services Quality of life/health perception |
| Care consumption (detail) | Hospitalization Medical/paramedical consultation Medicines consumption |
| Procedures | |
| Participant monitoring | Yes |
| Details on monitoring of participants | -- |
| Links to administrative sources | No |
| Promotion and access | |
| Promotion | |
| Access | |
| Terms of data access (charter for data provision, format of data, availability delay) | Data is transmitted for 4 months on a daily basis from a mobile GPRS collector. |
| Access to aggregated data | Access on specific project only |
| Access to individual data | Access on specific project only |