

# CODEX - ANRS CO21 Cohort

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General	
Identification	
Detailed name	ANRS CO21 Cohort
Sign or acronym	CODEX
CNIL registration number, number and date of CPP agreement, AFSSAPS (French Health Products Safety Agency) authorisation	CPP 11-033
General Aspects	
Medical area	Infectious diseases
Health determinants	Genetic Healthcare system and access to health care services Lifestyle and behavior Social and psychosocial factors
Keywords	HIV Controllers, HIV infection
Scientific investigator(s) (Contact)	
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Organization	AP-HP
Collaborations	
Participation in projects, networks and consortia	Yes

Funding	
Funding status	Public
Details	ANRS
Governance of the database	
Sponsor(s) or organisation(s) responsible	ANRS
Organisation status	Public
Presence of scientific or steering committees	Yes
Additional contact	
Name of the contact	Boufassa
Surname	Faroudy
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Unit	Epidémiologie
Organization	INSERM
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 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

In HIV-1 positive patients who have been asymptomatic for at least 5 years after HIV infection in the absence of antiretroviral therapy, whether they meet the definitions of Long time non-Progressors and/or HIV Controllers and in patients on antiretroviral therapy and in "control after discontinuation of antiretroviral therapy", study their clinical and immuno-virological course and define the virus and host parameters associated with non-progression of infection.

### Inclusion criteria

LTNP subjects: Long Term Non Progressors: HIV-1 positive subjects for at least 8 years with a CD4+ lymphocyte count greater than 600/mm<sup>3</sup> and stable or increasing (positive or zero slope) on at least 3 consecutive tests performed in the last 5 years regardless of viral load in the absence of antiretroviral treatment.

HIC (HIV Controllers)" subjects: HIV-1 positive subjects for at least 5 years, asymptomatic, with the last 5 consecutive plasma HIV RNA viral loads < 400 copies/mL whatever the CD4+ level in the absence of antiretroviral treatment.

LTNP-HIC" subjects: subjects meeting the double definition of LTNP and HIC, i.e. HIV-1 subjects who have been HIV-positive for at least 8 years and CD4+ lymphocyte count greater than 600/mm<sup>3</sup> with a stable or increasing level (positive or zero slope) on at least 3 consecutive examinations carried out over the last 5 years and with the last 5 consecutive plasma HIV-RNA viral loads < 400 copies/mL.

Subjects in "post-treatment control" (or post-treatment controllers, PTC): Subjects who had a plasma HIV-RNA viral load > 2000 copies/mL prior to initiation of antiretroviral therapy in either primary or chronic phase and who were maintained on antiretroviral therapy for at least 12 months; in whom, after antiretroviral therapy was discontinued, the viral load remained < 400 copies/mL for more than 12 months with the exception of one blip (plasma viral load above 400 copies/mL) surrounded by two viral loads < 400 copies/mL. The last plasma viral load at the time of inclusion should, in all cases, be < 400 copies/mL.

## Population type

### Age

Adulthood (19 to 24 years)  
Adulthood (25 to 44 years)  
Adulthood (45 to 64 years)

Elderly (65 to 79 years)

Population covered Sick population

Pathology B20-B24 - Human immunodeficiency virus [HIV] disease

Gender Male  
Woman  
Other

Geography area National

Detail of the geography area Fance and DOM-TOM

## Data collection

### Dates

Date of first collection (YYYY or MM/YYYY) 2014

### Size of the database

Size of the database (number of individuals) < 500 individuals

Details of the number of individuals 346

### Data

Database activity Current data collection

Type of data collected Clinical data  
Biological data

Clinical data (detail) Direct physical measures  
Medical registration

Presence of a biobank Yes

Contents of biobank Whole blood  
Serum  
Plasma  
Blood cells isolated

Health parameters studied Health event/morbidity  
Health event/mortality  
Quality of life/health perception

### Procedures

Participant monitoring	Yes
Monitoring procedures	Monitoring by contact with the referring doctor
Links to administrative sources	No
Promotion and access	
Promotion	
Access	
Terms of data access (charter for data provision, format of data, availability delay)	Availability of data after validation of a research project by the Scientific Council of the cohort. Data format on tables (SAS, Excel, Stata).
Access to aggregated data	Access on specific project only
Access to individual data	Access on specific project only