

# KHOALA - Knee and Hip Osteoarthritis Long Term Assessment Cohort

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General	
Identification	
Detailed name	Knee and Hip Osteoarthritis Long Term Assessment Cohort
Sign or acronym	KHOALA
CNIL registration number, number and date of CPP agreement, AFSSAPS (French Health Products Safety Agency) authorisation	CNIL : 906297, CPP : 2006-A00587-44 (17.01.01), Afssaps : 2006-0146
General Aspects	
Medical area	Rheumatology
Keywords	Prosthesis, quality of life, healthcare usage
Scientific investigator(s) (Contact)	
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Organization	CHU
Collaborations	
Funding	
Funding status	Mixed
Details	Inserm, CHU de NANCY, Société Française de

**Governance of the database**

Sponsor(s) or organisation(s) responsible

CHU Nancy

Organisation status

Public

Presence of scientific or steering committees

Yes

**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 carried out as part of an interventional study

No

Additional information regarding sample selection.

Prospective Other bodies active in creating this cohort: SOCIETE DE RHUMATOLOGIE Closing date for inclusion: 01/08/2009

**Database objective**

Main objective

General objective: To describe the natural history of symptomatic hip and knee osteoarthritis and to identify predictive factors of its consequences in terms of pain, functional incapacity, quality of life and healthcare (medical care, use of healthcare resources and illness cost). Patients for this cohort study are identified during a national prevalence study. Secondary objectives: - to investigate predictive factors for quality of life, changes in quality of life and hip or knee replacement such as: socio-demographic parameters, clinical factors, comorbidities, perceived health parameters at baseline (quality of life, functional capacity), x-rays and biological markers; - to identify factors that influence healthcare usage, social impact and treatment for symptomatic hip and knee osteoarthritis; - to collect and store biological samples (serum bank and DNA bank), x-rays,

clinical and perceived health data in order to form a platform for other research projects, such as physiopathological projects on cellular and molecular mechanisms of osteoarthritis and genetic projects. This cohort will benefit from the advantages of the descriptive prevalence study and will allow the recruitment of a general population based representative sample.

#### Inclusion criteria

- Men and women between 40 and 75 years of age
- Symptomatic uni- or bilateral knee (tibio-femoral) and hip osteoarthritis with confirmed diagnosis that meets EULAR and ACR criteria, identified from prevalent cases in France during cohort formation

#### Population type

Age  
Adulthood (45 to 64 years)  
Elderly (65 to 79 years)

Population covered  
Sick population

Gender  
Male  
Woman

Geography area  
National

French regions covered by the database  
Alsace Champagne-Ardenne Lorraine  
Bretagne  
Île-de-France  
Languedoc-Roussillon Midi-Pyrénées  
Nord - Pas-de-Calais Picardie  
Provence - Alpes - Côte d'Azur

Detail of the geography area  
Multicentric cohort throughout France (6 centres)

#### Data collection

##### Dates

Date of first collection (YYYY or MM/YYYY)  
04/2007

Date of last collection (YYYY or MM/YYYY)  
04/2019

#### Size of the database

Size of the database (number of individuals)  
[500-1000[ individuals

Details of the number of individuals  
878

## Data

Database activity

Current data collection

Type of data collected

Clinical data  
Declarative data  
Paraclinical data  
Biological data

Clinical data (detail)

Direct physical measures  
Medical registration

Declarative data (detail)

Paper self-questionnaire  
Face to face interview

Paraclinical data (detail)

Imaging

Biological data (detail)

DNA, urine, serum samples

Presence of a biobank

Yes

Contents of biobank

Serum  
Fluids (saliva, urine, amniotic fluid, ?)  
DNA

Details of biobank content

Serum bank, DNA bank, urine

Health parameters studied

Health event/morbidity  
Health event/mortality

## Procedures

Data collection method

Self-administered questionnaire: input from a paper questionnaire; Interviews: input from a paper questionnaire Clinical examinations: handwritten.

Participant monitoring

Yes

Monitoring procedures

Monitoring by contact with the participant (mail, e-mail, telephone etc.)  
Monitoring by convocation of the participant  
Monitoring by contact with the referring doctor

Details on monitoring of participants

Follow-up duration: 10 years

Links to administrative sources

No

## Promotion and access

### Promotion

Link to the document	<a href="http://www.hal.inserm.fr/KHOALA">http://www.hal.inserm.fr/KHOALA</a>
Description	List of publications in HAL
Link to the document	<a href="http://tinyurl.com/Pubmed-KHOALA">http://tinyurl.com/Pubmed-KHOALA</a>
Description	List of publications in Pubmed
<b>Access</b>	
Presence of document that lists variables and coding procedures	Yes
Terms of data access (charter for data provision, format of data, availability delay)	Data may be used by academic teams Access conditions: networks working with UMR 7561 physiopathology, pharmacology and joint engineering pharmacology laboratory, Vandœuvre-lès-Nancy. Collaboration with external teams is planned. Access to the constructed database is permitted by a partnership charter, which has been developed and already exhibited, mainly to potential partners, during communication concerning the cohort at the French Rheumatology Congress in 2008. Data may not be used by industrial teams.
Access to aggregated data	Access on specific project only
Access to individual data	Access on specific project only