

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 <http://www.hal.inserm.fr/KHOALA>

Description List of publications in HAL

Link to the document <http://tinyurl.com/Pubmed-KHOALA>

Description List of publications in Pubmed

Access

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