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

Collaborations

Funding

Funding status	Mixed
Details	Inserm, CHU de NANCY, Société Française de Rhumatologie, InVS, CNAM Firmes industrielles

Governance of the database

Sponsor(s) or organisation(s) responsible	CHU Nancy
Organisation status	Public
Presence of scientific or steering committees	Yes

Scientific investigator(s) (Contact)

Name of the director	GUILLEMIN

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Unit	CENTRE D'EPIDEMIOLOGIE CLINIQUE CIC-EC INSERM CIE6 NANCY. EA4003 CHU NANCY
Organization	CHU
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 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