LOCOX - Adaptation of locomotor activity in patients suffering from hip osteoarthritis

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General

Identification

Detailed name	Adaptation of locomotor activity in patients suffering from hip osteoarthritis
Sign or acronym	LOCOX
CNIL registration number, number and date of CPP agreement, AFSSAPS (French Health Products Safety Agency) authorisation	CNIL : 28/04/2008

General Aspects

Medical area	Rheumatology
Others (details)	Hip osteoarthritis
Keywords	total hip replacement, Health episodes, indication

Scientific investigator(s) (Contact)

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Unit	CHU DIJON
Organization	CHU
Collaborations	
Funding	
Funding status	Public
Details	PHRC NATIONAL 2004 ET CHU DE DIJON
Governance of the database	
Sponsor(s) or organisation(s) responsible	CHU Dijon
Organisation status	Public
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 Inclusion cut-off date: 01/10/2009
Database objective	
Main objective	General objective: to assess the prognostic value of a characteristic evaluation of gait in persons suffering from hip osteoarthritis for subsequent indications for total hip replacement. Analysis of the adaptation of locomotor activity as a prognostic criterion for future disease progression.
Inclusion criteria	Men and women aged between 45 and 75 years - suffering from primary hip osteoarthritis defined according to ACR criteria; - presented pain in the hip for at least one month in the preceding 3

	months; - radiological stage II, III or IV hip osteoarthritis according to the Kellgren and Lawrence classification; - able to understand simple instructions, packaging instructions and give their informed consent. Exclusion criteria - indication of total hip replacement at the time of inclusion; - pregnant or breast-feeding women; - Alzheimer's disease; - chronic respiratory insufficiency with clinical manifestations; - Parkinson's disease; - motor neuron disease; - major musculo-skeletal disorder (other than hip osteoarthritis); - severe non-stabilised diabetes; - non-stabilised hypertension; - hip osteoarthritis inflammation flare; - rapidly destructive hip osteoarthritis; - radiography to evaluate structural evolution of the disease done more than six months previously; - Presence of osteoarthritis in another joint, or another osteoarticular or periarticular disease of the lower limbs with, in the opinion of the patient, disability due to this other disease that is greater than the disability caused by the hip osteoarthritis; - Spinal disease causing gait disturbance (radiculalgia, lumbar canal stenosis,? with, in the opinion of the patient, disability due to this other disease that is greater than the disability caused by the hip osteoarthritis.).
Population type	
Age	Adulthood (45 to 64 years) Elderly (65 to 79 years)
Population covered	Sick population
Gender	Male Woman
Geography area	Local
French regions covered by the database	Bourgogne Franche-Comté
Detail of the geography area	Dijon
Data collection	
Dates	
Date of first collection (YYYY or MM/YYYY)	02/2008
Date of last collection (YYYY or MM/YYYY)	10/2014

Size of the database	
Size of the database (number of individuals)	< 500 individuals
Details of the number of individuals	35 patients
Data	
Database activity	Current data collection
Type of data collected	Clinical data Declarative data Paraclinical data
Clinical data (detail)	Direct physical measures Medical registration
Declarative data (detail)	Paper self-questionnaire
Paraclinical data (detail)	Measurement of locomotor activity on specific platform
Presence of a biobank	No
Health parameters studied	Health event/morbidity
Procedures	
Data collection method	Self-administered questionnaire: from paper questionnaire (manual input) and double data entry Interview: from paper questionnaire (manual input) with double data entry Clinical Examinations: handwritten (manual input) with double data entry
Participant monitoring	Yes
Details on monitoring of participants	Follow-up duration: 5 years
Links to administrative sources	No
Promotion and access	
Promotion	
Access	
Terms of data access (charter for data provision, format of data, availability delay)	To be decided if data may be used by academic teams To be decided if data may be used by industrial teams

Access to aggregated data	Access on specific project only
Access to individual data	Access on specific project only