

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)
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Population covered	Sick population
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Gender	Male Woman
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Geography area	Local
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French regions covered by the database	Bourgogne Franche-Comté
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Detail of the geography area	Dijon
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Data collection

Dates

Date of first collection (YYYY or MM/YYYY)	02/2008
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Date of last collection (YYYY or MM/YYYY)	10/2014
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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