

# ESCAPE - Estimated cost of the lower limb osteoarthritis (knee arthrosis and coxarthrosis) in the general population and in those treated by spa therapy

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## General

### Identification

Detailed name Estimated cost of the lower limb osteoarthritis (knee arthrosis and coxarthrosis) in the general population and in those treated by spa therapy

Sign or acronym ESCAPE

CNIL registration number, number and date of CPP agreement, AFSSAPS (French Health Products Safety Agency) authorisation CCTI-RS 07.102, CNIL 907058

### General Aspects

Medical area Rheumatology

Health determinants Lifestyle and behavior  
Medicine

Keywords non-spa treatment, spa treatment, spa ?cure?, patients, pharmacoepidemiology, cohort, Department of Pharmacology, Bordeaux

### Scientific investigator(s) (Contact)

Name of the director Moore

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Organization

Université Bordeaux

Collaborations

Funding

Funding status

Mixed

Details

Institut du Thermalisme, Association Française pour le Recherche Thermale, Conseil Général des Landes, Conseil Régional d'Aquitaine (soutiens inconditionnels) - Institut du Thermalisme, Association Française pour le Recherche Thermale, Conseil Général des Landes, Conseil Régional d'Aquitaine (unconditional support)

Governance of the database

Sponsor(s) or organisation(s) responsible

INSERM

Organisation status

Public

Additional contact

Main features

Type of database

Type of database

Study databases

Study databases (details)

Longitudinal study (except cohorts)

Database recruitment is carried out by an intermediary

A selection of health care professionals  
A selection of health institutions and services

Database recruitment is carried out as part of an interventional study

No

Additional information regarding sample selection.

ESCAPEg cohort consisted of patients recruited from a random sample of general practitioners in the Aquitaine region. ESCAPEc cohort consisted of patients recruited from a sample of physicians practicing in three participating hydrotherapy spas (Dax, Saint-Paul-lès-Dax, Eugenie-les-Bains).

Database objective

Main objective

The main objective of this study was to develop a reference statistical model predictive of the average cost per patient of the lower limb osteoarthritis in the general population (ESCAPEg) and in those

treated by spa therapy (ESCAPEc), and to identify the main determinants.

**Inclusion criteria**

Patient with tibiofemoral osteoarthritis and / or patellofemoral uni and / or bilateral, and / or hip osteoarthritis and uni / or bilateral; aged more than 20 years; Patient affiliated personally to the Caisse Nationale de l'Assurance Maladie des Travailleurs Salariés (CNAM-TS) for at least six months; Patient giving written informed consent for participation in the study and to extract the patient data from the ERASME database of the CNAM-TS.

## Population type

**Age**

Adulthood (19 to 24 years)  
Adulthood (25 to 44 years)  
Adulthood (45 to 64 years)  
Elderly (65 to 79 years)  
Great age (80 years and more)

**Population covered**

Sick population

**Gender**

Male  
Woman

**Geography area**

Regional

**French regions covered by the database**

Aquitaine Limousin Poitou-Charentes

**Detail of the geography area**

General practitioners of the Aquitaine region (ESCAPEg) and spa centre physicians at Dax, Saint-Paul-lès-Dax, and Eugénie-les-Bains (ESCAPEc)

## Data collection

### Dates

**Date of first collection (YYYY or MM/YYYY)**

2007

**Date of last collection (YYYY or MM/YYYY)**

2008

### Size of the database

**Size of the database (number of individuals)**

[500-1000[ individuals

**Details of the number of individuals**

566 patients (271 in ESCAPEg, 295 in the ESCAPEc)

## Data

Database activity	Data collection completed
Type of data collected	Clinical data Declarative data Administrative data
Clinical data (detail)	Direct physical measures
Declarative data (detail)	Paper self-questionnaire Phone interview
Administrative data (detail)	Name, residence address, telephone number
Presence of a biobank	No
Health parameters studied	Health event/morbidity Health care consumption and services Quality of life/health perception
Care consumption (detail)	Hospitalization Medical/paramedical consultation Medicines consumption

## Procedures

Data collection method	During inclusion consultation, a medical questionnaire was completed by the physician. Specifically for the ESCAPEc cohort, physicians were helped by a hydrotherapy CRA when filling-out the medical questionnaire. At follow-up, data collection was identical in both cohorts: patients were followed by a CRA for six months (telephone questionnaire at 3 and 6 months), patients also completed two forms collecting healthcare data.
Participant monitoring	Yes
Details on monitoring of participants	Patients were contacted at 3 and 6 months for telephone interview with a CRA. The telephone questionnaire was standardised (quality and living conditions, environment, assessment of pain, work and daily tasks, self determined health status). Their consumption of healthcare, and other health products, was also collected using two standardised forms (one for the first three months and one for the last three months of follow-up) that patients filled-out in real time.
Links to administrative sources	No

## Promotion and access

## Promotion

## Access

Terms of data access (charter for data provision, format of data, availability delay)

A final study report was submitted to the Institute of hydrotherapy. The final study report and scientific communications (posters, papers, ...) were validated by the study Scientific Committee. Ownership of study data is the subject of an agreement between the University Bordeaux Segalen and the Institute of hydrotherapy. Terms for third-party access to the database are to be defined.

Access to aggregated data

Access on specific project only

Access to individual data

Access on specific project only