

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

Study in connection with Covid-19 No

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)

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Unit	Service de Pharmacologie, CIC-P 0005-INSERM U657- Université Bordeaux Segalen
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