

# EpiHadron - Incidence study with population of Rhone-Alpes region of cancers eligible for hadrontherapy by proton or carbon ions. Description of Tumors and patients characteristics

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## General

### Identification

Detailed name	Incidence study with population of Rhone-Alpes region of cancers eligible for hadrontherapy by proton or carbon ions. Description of Tumors and patients characteristics
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Sign or acronym	EpiHadron
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CNIL registration number, number and date of CPP agreement, AFSSAPS (French Health Products Safety Agency) authorisation	CNIL : 1435497
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### General Aspects

Medical area	Cancer research Otolaryngology or ENT
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Health determinants	Iatrogenic
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Keywords	hadrontherapy, descriptive prospective survey, evaluation., Epidemiology, incidence, ENT
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### Scientific investigator(s) (Contact)

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Organization	Centre Léon Bérard

Name of the director	Patin
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Organization	GCS ( Groupment de Coopération Sanitaire) ETOILE

Collaborations	
Funding	
Funding status	Private
Details	GCS ETOILE
Governance of the database	
Sponsor(s) or organisation(s) responsible	Promoteur : GCS ETOILE, 60 avenue Rockefeller, 69008, Lyon.
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 institutions and services
Database recruitment is carried out as part of an interventional study	No
Database objective	
Main objective	The main objective is to evaluate in the Rhône-Alpes region the incidence of cancers that have an indication eligible for treatment with hadrontherapy by proton or carbon ions.
Inclusion criteria	<p>Type of tumors to identify: A list of the main indications for hadrontherapy by protons and by carbon ions (Appendix 1: list of indications) was developed by experts using data from literature prioritized according to an "evidence based medicine" type analysis and based on rendered or expected service criteria (survival and quality of life), (Appendix 2: Literature review method).</p> <p>Criteria for "patient" inclusion The study will be carried out with adult and child subjects, with no age limit, who have indications of</p>

hadrontherapy, whose dossiers were able to be discussed by experts at a preliminary pluridisciplinary concertation meeting (RCP). Subjects must have a general and psychological condition that is compatible with hadrontherapy (good compliance, possible follow-up, accept to travel where applicable) and absence of co-morbidities that are life-threatening.

Criteria for "tumor" inclusion  
The characteristics common to the pathologies to be identified are as follows:  
Inoperable tumors, which belong to a pathological group recognized as radio-resistant, at the early stage of development (locoregional stage) or recurring or local relapse, with a low metastatic potential or with an M+ dissemination controlled by medical treatments.

Criteria for exclusion  
Tumors: Choroidal melanomas are excluded from the study.  
Patients: General or psychological condition that is not compatible or threatening co-morbidities.

## Population type

Age	Newborns (birth to 28 days) Infant (28 days to 2 years) Early childhood (2 to 5 years) Childhood (6 to 13 years) Adolescence (13 to 18 years) 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)
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Population covered	Sick population
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Gender	Male Woman
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Geography area	Regional
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French regions covered by the database	Auvergne Rhône-Alpes
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Detail of the geography area	Rhône-Alpes
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## Data collection

### Dates

Date of first collection (YYYY or MM/YYYY)	2010
Date of last collection (YYYY or MM/YYYY)	2012
Size of the database	
Size of the database (number of individuals)	[500-1000[ individuals
Details of the number of individuals	800
Data	
Database activity	Current data collection
Type of data collected	Clinical data Biological data Administrative data
Clinical data (detail)	Medical registration
Biological data (detail)	anatomopathological results
Administrative data (detail)	monogram
Presence of a biobank	No
Health parameters studied	Health event/morbidity Health care consumption and services Others
Care consumption (detail)	Hospitalization Medical/paramedical consultation
Other (detail)	1) Characteristics of the tumors: therapeutic status, recurrence situation, initial stage of the tumor, treatments received before recurrence, timeframe recurrence occurred, current stage of the tumor, ICD 10 code, ICDO histological type, treatment prior to preliminary pluridisciplinary concertation (RCP), site of surgery and the margins, pTNM, external radiotherapy, therapeutic strategy considered by the RCP; 2) Characteristics of the patients; 3) Care of the preliminary pluridisciplinary concertation meeting type.
Procedures	
Data collection method	prospective, continuous

Participant monitoring	No
Links to administrative sources	No
Promotion and access	
Promotion	
Link to the document	<a href="http://tinyurl.com/Hal-EPIHADRON">http://tinyurl.com/Hal-EPIHADRON</a>
Description	List of publications in HAL
Link to the document	<a href="http://tinyurl.com/Pubmed-Publis-EPIHADRON">http://tinyurl.com/Pubmed-Publis-EPIHADRON</a>
Description	List of publications in Pubmed
Access	
Terms of data access (charter for data provision, format of data, availability delay)	publication of articles
Access to aggregated data	Access on specific project only
Access to individual data	Access on specific project only