

# ANGIO - Iatrogenic effects in long-term following radiotherapy for a childhood skin hemangioma at Gustave Roussy between 1941 and 1973

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## General

### Identification

Detailed name Iatrogenic effects in long-term following radiotherapy for a childhood skin hemangioma at Gustave Roussy between 1941 and 1973

Sign or acronym ANGIO

CNIL registration number, number and date of CPP agreement, AFSSAPS (French Health Products Safety Agency) authorisation CNIL (999102); Arrêté ministériel (MESP992342A, JO du 13/11/99)

### General Aspects

Medical area Cancer research  
Cardiology

Others (details) hemangioma; thyroid adenomas; carcinomas; breast cancer; malignant melanoma

Keywords hemangioma in childhood, late effects, radiotherapy, iatrogenic effects, adults

### Scientific investigator(s) (Contact)

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Unit Unité 1018/CESP équipe 3

Organization INSERM

## Collaborations

Participation in projects, networks and consortia Yes

Details FCCSS, EpiRadBio, CerebRad, Pirates, Swedish and French cohort of patients irradiated for hemangioma in childhood

## Funding

Funding status Mixed

Details The Foundation de France, La Ligue nationale contre le cancer, Électricité de France

## 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 institutions and services

Database recruitment is carried out as part of an interventional study No

## Database objective

Main objective The study aims to evaluate the consequences in long-term that can be caused by radiation in hemangioma childhood, treated between 1941 and 1973 in Gustave Roussy (France). The main objective of the study is to inform the patients about the treatment they had received so that they can inform their physician. Another objective is to estimate the mortality by cancer and the incidence of cancers (including thyroid and breast cancer, two of the most radiosensitive organs) taking into account the dose of ionizing

radiation received at the site of the tumor.

Inclusion criteria patients treated by radiotherapy for childhood hemangioma

## 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)

Population covered Sick population

Gender Male  
Woman

Geography area Local

Detail of the geography area Gustave Roussy

## Data collection

### Dates

Date of first collection (YYYY or MM/YYYY) 01/1985

### Size of the database

Size of the database (number of individuals) [1000-10 000] individuals

Details of the number of individuals 8320

### Data

Database activity Current data collection

Type of data collected Clinical data  
Declarative data  
Paraclinical data

Clinical data (detail) Direct physical measures  
Medical registration

Details of collected clinical data Information collected from medical records: hemangioma characteristics, family history, type of radiotherapy/treatment, duration of radiotherapy/treatment

|                                       |                                                                                                                                                            |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Declarative data (detail)             | Paper self-questionnaire<br>Face to face interview                                                                                                         |
| Details of collected declarative data | Information collected from medical records: hemangioma characteristics, family history, type of radiotherapy/treatment, duration of radiotherapy/treatment |
| Paraclinical data (detail)            | Imaging: estimation of 188 points human body radiation dosimetry.                                                                                          |
| Administrative data (detail)          | Identifying data                                                                                                                                           |
| Presence of a biobank                 | No                                                                                                                                                         |
| Health parameters studied             | Health event/morbidity<br>Health event/mortality                                                                                                           |

## Procedures

|                                        |                                           |
|----------------------------------------|-------------------------------------------|
| Participant monitoring                 | Yes                                       |
| Links to administrative sources        | Yes                                       |
| Linked administrative sources (detail) | vital status, causes of death if deceased |

## Promotion and access

### Promotion

|                      |                                                                                                       |
|----------------------|-------------------------------------------------------------------------------------------------------|
| Link to the document | <a href="http://www.ncbi.nlm.nih.gov/pubmed/19515442">http://www.ncbi.nlm.nih.gov/pubmed/19515442</a> |
| Link to the document | <a href="http://www.ncbi.nlm.nih.gov/pubmed/20607383">http://www.ncbi.nlm.nih.gov/pubmed/20607383</a> |
| Link to the document | <a href="http://www.ncbi.nlm.nih.gov/pubmed/22082956">http://www.ncbi.nlm.nih.gov/pubmed/22082956</a> |
| Link to the document | <a href="http://www.ncbi.nlm.nih.gov/pubmed/15236880">http://www.ncbi.nlm.nih.gov/pubmed/15236880</a> |
| Link to the document | <a href="http://www.ncbi.nlm.nih.gov/pubmed/11131186">http://www.ncbi.nlm.nih.gov/pubmed/11131186</a> |
| Link to the document | <a href="http://www.ncbi.nlm.nih.gov/pubmed/10075261">http://www.ncbi.nlm.nih.gov/pubmed/10075261</a> |

### Access

|                                                                                       |                                                    |
|---------------------------------------------------------------------------------------|----------------------------------------------------|
| Terms of data access (charter for data provision, format of data, availability delay) | Data can be used (conditions for access to define) |
| Access to aggregated data                                                             | Access on specific project only                    |
| Access to individual data                                                             | Access on specific project only                    |

