

# 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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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	<p>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).</p> <p>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</p>

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 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 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

