ENFANT SCANNER (CHILD CT SCANS) - Evaluation of the risk of radiation-induced cancer or leukaemia in a cohort of children who have had one or several CT scans during childhood.

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General	
Identification	
Detailed name	Evaluation of the risk of radiation-induced cancer or leukaemia in a cohort of children who have had one or several CT scans during childhood.
Sign or acronym	ENFANT SCANNER (CHILD CT SCANS)
CNIL registration number, number and date of CPP agreement, AFSSAPS (French Health Products Safety Agency) authorisation	CNIL : 20/12/2008, n°908354
General Aspects	
Medical area	Cancer research
Health determinants	latrogenic
Keywords	leukaemia, health, environment
Scientific investigator(s) (Contact)	
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Collaborations	
Participation in projects, networks and consortia	Yes
Funding	
Funding status	Public
Details	IRSN, Communauté Européenne, INCa, Ligue contre le cancer
Governance of the database	
Sponsor(s) or organisation(s) responsible	IRSN
Organisation status	Public
Additional contact	
Main features	

Type of database	
Type of database	Study databases
Study databases (details)	Cohort study
Database recruitment is carried out by an intermediary	A selection of health institutions and services An administrative base or a register
Database recruitment is carried out as part of an interventional study	No
Additional information regarding sample selection.	Retrospective Closing date for inclusion not determined
Database objective	
Main objective	General objective: the goal of this study is to evaluate the risk of radiation-induced cancer or leukaemia associated with use of CT during early childhood (first scan carried out between the ages of 0 and 10 years), and to quantify the relationship between exposure to ionising radiation and the onset of the pathologies being studied. Secondary objective: to study any possible modifying factors (age at exposure, gender etc.) in this dose- response relationship.
Inclusion criteria	Inclusion of children exposed to at least one CT scan for a nonmalignant pathology: - under 5 years for the 2000-2006 period - under 10 years for the 2007-2013 period.
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	General population
Gender	Male Woman
Geography area	National
Detail of the geography area	20 centres throughout France
Data collection	

Date of first collection (YYYY or 01/2000 MM/YYYY)

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Size of the database	
Size of the database (number of individuals)	Greater than 20 000 individuals
Details of the number of individuals	130 000
Data	
Database activity	Data collection completed
Type of data collected	Clinical data Paraclinical data Administrative data
Clinical data (detail)	Direct physical measures Medical registration
Paraclinical data (detail)	Dosimetry data: examination date, area examined, image acquisition protocol, individual dosimetry (PACS)
Administrative data (detail)	Demographic data: last name, first name, date of birth, place of birth, postal code of residence, vital status
Presence of a biobank	No
Health parameters studied	Health event/morbidity Health event/mortality Health care consumption and services
Care consumption (detail)	Medical/paramedical consultation
Procedures	
Data collection method	Retrospective reserch each 3 years
Participant monitoring	Yes
Details on monitoring of participants	Indefinite duration

Links to administrative sources

Linked administrative sources Pathology register

Yes

(detail)

Promotion and access	
Promotion	
Link to the document	http://www.ncbi.nlm.nih.gov/pubmed/? term=%28ENFANT+SCANNER+AND+%28Laurier+ D[author]+OR+Bernier+M0[author]+OR+Jacob+S [author]%29%29+OR+25314057[uid]+OR+22190 749[uid]
Description	List of publications in Pubmed
Access	
Terms of data access (charter for data provision, format of data, availability delay)	Data may not be used by academic or industrial teams
Access to aggregated data	Access on specific project only
Access to individual data	No access