

# REMERA - Rhône Alpes birth defects registry

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## General

### Identification

Detailed name Rhône Alpes birth defects registry

Sign or acronym REMERA

CNIL registration number, number and date of CPP agreement, AFSSAPS (French Health Products Safety Agency) authorisation CNIL N°910397

### General Aspects

Medical area Disability/handicap  
Gynecology/ obstetrics

Health determinants Addictions  
Genetic  
Iatrogenic  
Intoxication  
Lifestyle and behavior  
Medicine  
Nutrition  
Occupation  
Pollution  
Social and psychosocial factors

Keywords prevalence of congenital malformations, reprotoxic risk factors, antenatal screening, eugenic abortions, perinatality, database on malformations, epidemiology, follow-up, alert, teratogens, genetics

### Scientific investigator(s) (Contact)

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Organization	REMERA et CHU DE

## Collaborations

## Funding

Funding status Public

Details InVS, Conseil Régional Rhône Alpes, Inserm, Afssaps, Registre qualifié de 2009 à 2011

## Governance of the database

Sponsor(s) or organisation(s) responsible Registre des Malformations en Rhône Alpes

Organisation status Both

## Additional contact

## Main features

### Type of database

Type of database Morbidity registers

## Database objective

Main objective

Objectives in terms of public health:

- 1) Evaluation of the importance of the change in malformations (incidence, factors, appearance of a new malformation or of a new malformation symptom, space-time variations of these incidences)
- 2) Evaluation of the actions in public health: measure the impact of the actions implemented, especially perinatal screening and also the primary prevention initiatives on the prevalence of malformations and propose orientations for the development of health programs.
- 3) Alert in the case where a link with a teratogen, whether or not known, is suspected

In terms of research:

- 1) Highlight the factors of risk of malformation
- 2) Study their interactions with susceptibilities of a genetic nature

Inclusion criteria The following are included in the registry:  
Congenital malformations diagnosed antenatally or

postnatally until the end of the first year of life.

## Population type

Age  
Newborns (birth to 28 days)  
Infant (28 days to 2 years)

Population covered  
Sick population

Gender  
Male  
Woman

Geography area  
Departmental

French regions covered by the database  
Auvergne Rhône-Alpes

Detail of the geography area  
Département of Rhône, Isère, Savoie, and Loire

## Data collection

### Dates

Date of first collection (YYYY or MM/YYYY)  
01/1973

### Size of the database

Size of the database (number of individuals)  
Greater than 20 000 individuals

Details of the number of individuals  
61 000 (in 2012)

### Data

Database activity  
Current data collection

Type of data collected  
Clinical data  
Declarative data  
Paraclinical data  
Biological data  
Administrative data

Clinical data (detail)  
Direct physical measures

Declarative data (detail)  
Phone interview

Paraclinical data (detail)  
Height, weight, BP of mother ; height, weight, head circumference, crown-rump length of the child/fetus

Biological data (detail)	triple test, karyotype, glycemia
Administrative data (detail)	Identification data (Name, first name, birthday, location, sex)
Presence of a biobank	No
Health parameters studied	Health event/morbidity Health event/mortality

## Procedures

Data collection method	Active collection: survey takers go to the departments and record in their databases all of the information contained in the medical dossiers concerning congenital malformations and their determinants
Participant monitoring	No
Links to administrative sources	No

## Promotion and access

### Promotion

### Access

Terms of data access (charter for data provision, format of data, availability delay)	An annual activity report Access to the data (depersonalized) is possible, on request
Access to aggregated data	Access on specific project only
Access to individual data	Access on specific project only