

# TI MOUN - Organochlorine Pesticides: Effects on Pregnancy and Intrauterine and Postnatal Development

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## General

### Identification

Detailed name	Organochlorine Pesticides: Effects on Pregnancy and Intrauterine and Postnatal Development
Sign or acronym	TI MOUN
CNIL registration number, number and date of CPP agreement, AFSSAPS (French Health Products Safety Agency) authorisation	CPP (25/05/2011), CCPPRB Guadeloupe (01/10/2004), méthodologie de référence CNIL MR-001 Inserm

### General Aspects

Medical area	Gynecology/ obstetrics
Health determinants	Intoxication Pollution
Keywords	course, outcome, postnatal neurological development, Health episodes, pregnancy, environment

### Scientific investigator(s) (Contact)

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Organization	INSERM - Institut National de Santé et Recherche

## Collaborations

## Funding

Funding status Public

Details AFSSET, DGS, INVS, DSDS GUADELOUPE, ANR, PNRPE

## Governance of the database

Sponsor(s) or organisation(s) responsible INSERM

Organisation status Public

Sponsor(s) or organisation(s) responsible CHU Guadeloupe

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

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

Additional information regarding sample selection. Prospective Inclusion cut-off date: 01/12/2008

## Database objective

**Main objective** To study the impact on pregnancy (prematurity, delayed intrauterine growth, birth defects) and postnatal neurological development from exposure (prenatal and childhood) to organochlorine pollutants (mainly chlordecone) in Guadeloupe.

**Inclusion criteria** Pregnant women: living in Guadeloupe, who gave birth in a public sector maternity hospital; Monitored infants: vaginal birth at full term without any extraction manoeuvre or any malformations.

## Population type

**Age** Newborns (birth to 28 days)

**Population covered** General population

**Gender** Woman

**Geography area** Departmental

**French regions covered by the database** Guadeloupe

**Detail of the geography area** Guadeloupe

## Data collection

### Dates

**Date of first collection (YYYY or MM/YYYY)** 01/2005

### Size of the database

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

**Details of the number of individuals** 1100 femmes enceintes / pregnant women 250 nourrissons / newborns

### Data

**Database activity** Data collection completed

**Type of data collected** Clinical data  
Declarative data  
Biological data

**Clinical data (detail)** Direct physical measures

Medical registration

Declarative data (detail)

Face to face interview

Biological data (detail)

Type of samples taken: maternal blood, cord blood, blood from infants at 3 months, breast milk at birth and at 3 months, infant urine.

Presence of a biobank

Yes

Contents of biobank

Whole blood  
Serum  
Plasma  
DNA

Details of biobank content

Serum bank, plasma bank, DNA bank, whole blood

Health parameters studied

Health event/morbidity  
Health event/mortality

## Procedures

Data collection method

Self-administered questionnaire: direct input  
Interview: manual input and double entry  
Clinical Examinations: manual input and double entry  
Biological analysis: direct input

Participant monitoring

Yes

Details on monitoring of participants

Follow-up duration: 7 months

Links to administrative sources

No

## Promotion and access

### Promotion

Link to the document

[https://hal.archives-ouvertes.fr/search/index/?qa\[text\]\[\]=timoun+&qa\[text\]\[\]=&submit\\_advanced=Rechercher&rows=30](https://hal.archives-ouvertes.fr/search/index/?qa[text][]=timoun+&qa[text][]=&submit_advanced=Rechercher&rows=30)

Description

List of publications in HAL

Link to the document

<http://www.ncbi.nlm.nih.gov/pubmed/?term=TIMOUN>

Description

List of publications in Pubmed

### Access

Terms of data access (charter

Numerous communications to healthcare

for data provision, format of data, availability delay)	professionals, healthcare institutions and the public
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Access to aggregated data	Access on specific project only
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Access to individual data	Access on specific project only
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