# PREMAG - Prevention of cerebral palsy by magnesium sulphate

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## General

### Identification

| | |
|---|---|
| Detailed name | Prevention of cerebral palsy by magnesium sulphate |
| Sign or acronym | PREMAG |
| CNIL registration number, number and date of CPP agreement, AFSSAPS (French Health Products Safety Agency) authorisation | CNIL : 12/02/1998 |

### General Aspects

| | |
|---|---|
| Medical area | Neurology |
| Pathology (details) | Infant development |
| Keywords | Cerebral Palsy/prevention & control, Infant, Newborn, Premature, Magnesium, sulfate/therapeutic use, Meta-Analysis as Topic, Models, Animal, Neuroprotective Agents/therapeutic use, Randomized Controlled Trials as Topic, Female, Humans, Obstetric Labor, Premature/prevention & control, Pregnancy |

### Scientific investigator(s) (Contact)

| | |
|---|---|
| Name of the director | Marret |
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| Unit | SERVICE DE PEDIATRIE NEONATALE ET REANIMATION. CHU & EA 4309 ENDOTHELIUM ET LESIONS CEREBRALES NEONATALES |
| Organization | UNIVERSITE DE |

## Collaborations

| | |
|---|---|
| Participation in projects, networks and consortia | Yes |

## Funding

| | |
|---|---|
| Funding status | Public |
| Details | PHRC, contrat FEDER 2011-2014 (bourse de recherche et financement du TEC) |

## Governance of the database

| | |
|---|---|
| Sponsor(s) or organisation(s) responsible | CHU de Rouen |
| 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 | Yes |
| Details | Performed at individual level |

## Database objective

| | |
|---|---|
| Main objective | 1. Determine the cognitive score at 8 years old. 2. Determine wether the child is schooled in general or specialized school. |
| Inclusion criteria | preterm children (prior to 33 weeks) |

## Population type

| | |
|---|---|
| Age | Childhood (6 to 13 years) Adolescence (13 to 18 years) |
| Population covered | Sick population |

| | |
|---|---|
| Gender | Male<br>Woman |
| Geography area | National |
| Detail of the geography area | French multi-center cohort (13 centres) |

## Data collection

### Dates

| | |
|---|---|
| Date of first collection (YYYY or MM/YYYY) | 1998 |
| Date of last collection (YYYY or MM/YYYY) | 2002 |

### Size of the database

| | |
|---|---|
| Size of the database (number of individuals) | [500-1000[ individuals |
| Details of the number of individuals | 688 |

### Data

| | |
|---|---|
| Database activity | Current data collection |
| Type of data collected | Clinical data<br>Declarative data |
| Clinical data (detail) | Direct physical measures<br>Medical registration |
| Declarative data (detail) | Paper self-questionnaire<br>Face to face interview |
| Presence of a biobank | No |
| Health parameters studied | Health event/morbidity<br>Health event/mortality |

### Procedures

| | |
|---|---|
| Data collection method | Paper questionnaire filled up by the parents.Interviews paper questionnaire (manual entry)Clinical exams : hand written (manual entry) |
| Participant monitoring | Yes |
| Details on monitoring of | At 2 years old, and more recently around 11 years |

| | |
|---|---|
| participants | old by sending a questionnaire to the parents. |
| Links to administrative sources | Yes |
| Linked administrative sources (detail) | CépiDc, MDPH |

## Promotion and access

### Promotion

| | |
|---|---|
| Link to the document | http://tinyurl.com/Pubmed-PREMAG |
| Description | List of publications in Pubmed |

### Access

| | |
|---|---|
| Terms of data access (charter for data provision, format of data, availability delay) | Use of data non possible for academic teams. Use of data non possible for indutrials. |
| Access to aggregated data | Access on specific project only |
| Access to individual data | No access |