

- Longitudinal study of newborns: screening, prevalence and treatment of deafness

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General

Identification

Detailed name Longitudinal study of newborns: screening, prevalence and treatment of deafness

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

General Aspects

Medical area Otolaryngology or ENT

Pathology (details) Hearing loss

Health determinants Healthcare system and access to health care services

Keywords Hearing loss, Screening, Child, treatment, prevalence

Scientific investigator(s) (Contact)

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Organization hôpital Necker ? Enfants-Malades

Collaborations

Funding

Funding status Public

Details CNAMTS

Governance of the database

Sponsor(s) or organisation(s) responsible hôpital Necker ? Enfants-Malades

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 made on the basis of: Another treatment or procedure

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

Database objective

Main objective Evaluate hearing screening for newborns born in the Ile-de-France region

Inclusion criteria Screening conducted in four maternity clinics between 1 October 2005 and 31 December 2010, in conjunction with a Deafness Diagnosis and Guidance Centre (CDOS)
Positive screening in maternity clinics: lack of response to automated auditory evoked potential of 35 dB on both sides
For diagnostic confirmation: no response to standard auditory evoked potential of 30 dB at the CDOS

Population type

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

Population covered General population

Pathology

Gender	Male Woman
Geography area	Regional
French regions covered by the database	Île-de-France
Detail of the geography area	the CDOS (Hôpital Trousseau) where the study was carried out is networked with 4 maternity clinics in the Ile-de-France region
Data collection	
Dates	
Date of first collection (YYYY or MM/YYYY)	2005
Date of last collection (YYYY or MM/YYYY)	2010
Size of the database	
Size of the database (number of individuals)	< 500 individuals
Details of the number of individuals	198
Data	
Database activity	Data collection completed
Type of data collected	Clinical data
Clinical data (detail)	Medical registration
Details of collected clinical data	Risk factors and comorbidities, 1st diagnosis period and result. The type of loss and rehabilitation (hearing aid, cochlear implant) and duration of treatment. Audiometric results, results of the aetiological assessment
Presence of a biobank	No
Health parameters studied	Health care consumption and services
Care consumption (detail)	Medical/paramedical consultation Medicines consumption
Procedures	

Participant monitoring Yes

Monitoring procedures Monitoring by convocation of the participant

Details on monitoring of participants 15-month follow-up

Links to administrative sources No

Promotion and access

Promotion

Link to the document <http://www.ncbi.nlm.nih.gov/pubmed/26520479>

Access

Terms of data access (charter for data provision, format of data, availability delay) unrestricted provision

Access to aggregated data Access on specific project only

Access to individual data Access on specific project only