

- Case-Control Study of Children with Hypospadias

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General

Identification

Detailed name	Case-Control Study of Children with Hypospadias
CNIL registration number, number and date of CPP agreement, AFSSAPS (French Health Products Safety Agency) authorisation	Mediterranean South Personal Protection Centre 4 (Centre de Protection des Personnes Sud Méditerranée), CPPSMIV, ID RCB 2008-A00781-54

General Aspects

Medical area	Anatomy - Cytology Disability/handicap Rare diseases
Pathology (details)	Hypospadias
Health determinants	Genetic Pollution
Keywords	sexual determination disorder, endocrine disrupting chemicals, birth defect, environment, profession, pesticides, hypospadias

Scientific investigator(s) (Contact)

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Organization	Montpellier University Hospital

Collaborations

Funding

Funding status	Public
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Details	Montpellier University Hospital
Governance of the database	
Sponsor(s) or organisation(s) responsible	Montpellier University Hospital
Organisation status	Public
Additional contact	
Main features	
Type of database	
Type of database	Study databases
Study databases (details)	Case control study
Database recruitment is carried out by an intermediary	A selection of health institutions and services
Database recruitment is 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	The objective of the study is to identify the impact of occupational and environmental exposure to endocrine-disrupting chemicals on non-genetic, isolated hypospadias.
Inclusion criteria	Children with hypospadias (from birth to 12 years old); Controls: Normal children (no congenital, urological, genital or renal malformation; no inguinal hernia or endocrine diseases). Reasons for hospital admission were mainly acute appendicitis, idiopathic intestinal invagination, minor abdominal trauma and pyloric stenosis.
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)
Population covered	Sick population

Gender	Male
Geography area	Local
French regions covered by the database	Languedoc-Roussillon Midi-Pyrénées
Detail of the geography area	Montpellier
Data collection	
Dates	
Date of first collection (YYYY or MM/YYYY)	2009
Date of last collection (YYYY or MM/YYYY)	2014
Size of the database	
Size of the database (number of individuals)	[500-1000[individuals
Details of the number of individuals	710
Data	
Database activity	Data collection completed
Type of data collected	Declarative data
Declarative data (detail)	Face to face interview
Details of collected declarative data	Parental occupational exposure to endocrine disruptors was assessed by the QLK4-1999-01422 questionnaire and a validated job-exposure matrix for endocrine-disrupting chemicals. Environmental exposure was assessed by postcode, type of environmental hazard and distance.
Presence of a biobank	No
Health parameters studied	Health event/morbidity
Procedures	
Data collection method	Questionnaire issued by the surgeon or endocrinologist.

Participant monitoring	No
Links to administrative sources	No
Promotion and access	
Promotion	
Link to the document	http://www.sciencedirect.com.gate2.inist.fr/science/article/pii/S0302283815004091
Access	
Terms of data access (charter for data provision, format of data, availability delay)	Contact the scientist in charge.
Access to aggregated data	Access on specific project only
Access to individual data	Access on specific project only