

# - Case-Control Study of First-Year Primary School (Cours Préparatoire) Pupils: Screening for Written Language Disorders

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General	
Identification	
Detailed name	Case-Control Study of First-Year Primary School (Cours Préparatoire) Pupils: Screening for Written Language Disorders
CNIL registration number, number and date of CPP agreement, AFSSAPS (French Health Products Safety Agency) authorisation	--
General Aspects	
Medical area	Neurology Pediatrics
Health determinants	Lifestyle and behavior
Keywords	school, written language, cognitive ability, assessment, detection
Scientific investigator(s) (Contact)	
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Unit	Chargée de Recherche au CNRS en Psychologie, Laboratoire Cognition et Développement. Responsable de la Recherche au Centre référent Troubles du Langage de l'Hôpital de la Salpêtrière.
Organization	CNRS - Centre National de la Recherche

Collaborations	
Funding	
Funding status	Public
Details	CNRS (French National Centre for Scientific Research).
Governance of the database	
Sponsor(s) or organisation(s) responsible	CNRS - Centre National de la Recherche Scientifique
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 population file
Database recruitment is carried out as part of an interventional study	No
Additional information regarding sample selection.	Subjects were selected from a first-year primary school class in a town in Hauts-de-Seine. Subjects will be reassessed 1 year later at the end of CE1 (second year of primary school).
Database objective	
Main objective	To analyse the specific short- and long-term effects of a computerised graphic and audiovisual written language training programme for grapheme-phoneme correspondence learning, as well as the development of reading, transcription and cognitive capacities involved in acquiring written language proficiency.
Inclusion criteria	<ul style="list-style-type: none"> <li>- Child (boy or girl);</li> <li>- In year CP or CE1..</li> </ul>
Population type	

Age	Early childhood (2 to 5 years) Childhood (6 to 13 years)
Population covered	General population
Gender	Male Woman
Geography area	Local
French regions covered by the database	Île-de-France
Detail of the geography area	France (24 classes from a town in Hauts-de-Seine).
Data collection	
Dates	
Date of first collection (YYYY or MM/YYYY)	06/2001
Size of the database	
Size of the database (number of individuals)	< 500 individuals
Details of the number of individuals	124 - 55 cas/cases - 69 témoins/controls.
Data	
Database activity	Data collection completed
Type of data collected	Declarative data
Declarative data (detail)	Paper self-questionnaire
Details of collected declarative data	Assessment of written language.
Presence of a biobank	No
Health parameters studied	Quality of life/health perception
Procedures	
Data collection method	Individual screening protocol at the end of CP (June 2001), conducted in schools by speech therapists who assessed certain linguistic and cognitive skills (lexical access, auditory memory, oral comprehension, syntactic sensitivity, phonological

awareness), as well as written language. Assessment at end of CE1 (June 2002) was collectively undertaken in classes through three experimental spelling tests that were dictated by teachers.

Participant monitoring Yes

Details on monitoring of participants 1 year.

Links to administrative sources No

## Promotion and access

### Promotion

Link to the document <http://www.cndp.fr/bienlire/02-atelier/document/plaza.pdf>

Link to the document <http://www.ncbi.nlm.nih.gov/pubmed/15708215>

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### 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