

# - Case-Control Study on the Impact of Bottom-Up and Top-Down Negative Emotion Generation on Memory Formation Among Healthy and Traumatized Adolescents

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## General

### Identification

Detailed name	Case-Control Study on the Impact of Bottom-Up and Top-Down Negative Emotion Generation on Memory Formation Among Healthy and Traumatized Adolescents
CNIL registration number, number and date of CPP agreement, AFSSAPS (French Health Products Safety Agency) authorisation	--

### General Aspects

Medical area	Neurology Psychology and psychiatry Radiology and medical imaging
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Keywords	emotion, perceptual, conceptual, memory, attention, PTSD, adolescents
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### Scientific investigator(s) (Contact)

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Organization	Université de

### Collaborations

### Funding

Funding status	Mixed
Details	Caen University, Caen UHC, INSERM, Mutuelle Générale de l'Education Nationale mutual insurance company and the Caen education authority.
<b>Governance of the database</b>	
Sponsor(s) or organisation(s) responsible	CHU Caen
Organisation status	Public
Sponsor(s) or organisation(s) responsible	Université de Caen
Organisation status	Public
Sponsor(s) or organisation(s) responsible	INSERM
Organisation status	Public
<b>Additional contact</b>	
<b>Main features</b>	
<b>Type of database</b>	
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 carried out as part of an interventional study	No
Additional information regarding sample selection.	- Patients were recruited for the case-control survey through the University Hospital of Caen and from social centres in the départements of South Corsica, Nord and Calvados.
<b>Database objective</b>	
Main objective	The aim of the study is to investigate the influence of bottom-up and top-down processes in the generation of emotions and their effect on attention and memory, and to assess the differential impact of attention deficits on memory through a case-

control survey of traumatised adolescents with attentional bias.

Inclusion criteria

- Individuals with a post-traumatic stress disorder with no stress for at least a year;
- Individuals with no other neurological, psychiatric or learning disorders;
- No intellectual disability;
- Not taking medication;
- Native level French;
- Signed consent form (parents and children).

## Population type

Age

Childhood (6 to 13 years)  
Adolescence (13 to 18 years)  
Adulthood (19 to 24 years)

Population covered

General population

Gender

Male  
Woman

Geography area

National

Detail of the geography area

Corsica, Nord and Calvados départements.

## Data collection

### Dates

Date of first collection (YYYY or MM/YYYY)

2007

Date of last collection (YYYY or MM/YYYY)

2008

### Size of the database

Size of the database (number of individuals)

< 500 individuals

Details of the number of individuals

- 25 case adolescents (with post-traumatic stress) and 24 case-control adolescents.

## Data

Database activity

Data collection completed

Type of data collected

Clinical data

Clinical data (detail)

Medical registration

Details of collected clinical data	Test on generated emotions by viewing moderately negative photos; attention and recognition tests.
Presence of a biobank	No

Health parameters studied	Health event/morbidity Others
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Other (detail)	Memory, attention.
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## Procedures

Participant monitoring	No
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Links to administrative sources	No
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## Promotion and access

### Promotion

Link to the document	<a href="http://www.sciencedirect.com/science/article/pii/S0928425713000065">http://www.sciencedirect.com/science/article/pii/S0928425713000065</a>
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### Access

Terms of data access (charter for data provision, format of data, availability delay)	Contact the scientist in charge.
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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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