

# - Cross-sectional Study on Patients With Different Epileptic Seizure Susceptibility: Connection with Video Games

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## General

### Identification

Detailed name Cross-sectional Study on Patients With Different Epileptic Seizure Susceptibility: Connection with Video Games

### General Aspects

Medical area Neurology

Health determinants Lifestyle and behavior

Keywords seizure, video games, television screen, photosensitivity, exposure

### Scientific investigator(s) (Contact)

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Unit -  
Organization CNRS - Centre National de la Recherche

### Collaborations

### Funding

Funding status Public

Details - French Ministry of Economy, Directorate-General for Competition, Consumer Affairs and Prevention of Fraud - French Foundation for Epilepsy Research.

### Governance of the database

Sponsor(s) or organisation(s) responsible	CNRS - Centre National de la Recherche Scientifique
Organisation status	Public
<b>Additional contact</b>	
<b>Main features</b>	
<b>Type of database</b>	
Type of database	Study databases
Study databases (details)	Not-repeated cross-sectional studies (except case control studies)
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.	Research teams split subjects into three groups after selection from five French centres:1- A group of 33 patients that previously experienced one or more epileptic seizures only when exposed to a screen (television, video games or other); 2- a group of 42 epileptic photosensitive patients that also experienced seizures that are not triggered by photic stimuli; 3- a final group of 40 non-photosensitive epileptic patients.
<b>Database objective</b>	
Main objective	To show the effects of video game exposure on individuals that are susceptible to epileptic seizures.
Inclusion criteria	<ul style="list-style-type: none"> <li>- Male and female;</li> <li>- between 7 and 30 years old;</li> <li>- Patients with different epileptic seizure susceptibility.</li> </ul>
<b>Population type</b>	
Age	Childhood (6 to 13 years) Adolescence (13 to 18 years) Adulthood (19 to 24 years) Adulthood (25 to 44 years)
Population covered	Sick population

Gender	Male Woman
Geography area	National
Detail of the geography area	France (five centres throughout France: Debrousse Hospital in Lyon, Saint-Paul Centre in Marseilles, Strasbourg Regional University Hospital Centre, Bicêtre Hospital in Le Kremlin-Bicêtre and Charles-Nicolle Hospital in Rouen).
<b>Data collection</b>	
<b>Dates</b>	
Date of first collection (YYYY or MM/YYYY)	1995
<b>Size of the database</b>	
Size of the database (number of individuals)	< 500 individuals
Details of the number of individuals	115
<b>Data</b>	
Database activity	Data collection completed
Type of data collected	Clinical data
Clinical data (detail)	Direct physical measures
Presence of a biobank	No
Health parameters studied	Health event/morbidity
<b>Procedures</b>	
Data collection method	Subjects were successively placed in front of a television screen at 2 m, 1 m and 0.5 m. The same 10-minute video tape, consisting of snippets from television programmes, video games and a blank screen, was used in the five centres. Tests also included playing commercial video games on a television screen for 10 minutes, then hand-held video games for another 10 minutes.
Participant monitoring	No
Links to administrative sources	No

## Promotion and access

### Promotion

Link to the document <http://tinyurl.com/PUBMED-EPIL>

Link to the document <http://www.ncbi.nlm.nih.gov/pubmed/10367326>

Link to the document <http://www.ncbi.nlm.nih.gov/pubmed/9793055>

### 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