- 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

Additional contact

Main features

Type of database

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.

Database objective

Main objective	To show the effects of video game exposure on individuals that are susceptible to epileptic seizures.
Inclusion criteria	- Male and female; - between 7 and 30 years old; - Patients with different epileptic seizure susceptibility.

Population type

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).

Data collection

Dates

Date of first collection (YYYY or MM/YYYY)	1995

Size of the database

Size of the database (number of individuals)	< 500 individuals
Details of the number of individuals	115

Data

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

Procedures

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