

- 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 | <ul style="list-style-type: none"> - Male and female; - between 7 and 30 years old; - Patients with different epileptic seizure susceptibility. |
| Population type | |
| Age | <p>Childhood (6 to 13 years)</p> <p>Adolescence (13 to 18 years)</p> <p>Adulthood (19 to 24 years)</p> <p>Adulthood (25 to 44 years)</p> |
| 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