

3C - 3 cités study

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| General | |
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| Identification | |
| Detailed name | 3 cités study |
| Sign or acronym | 3C |
| CNIL registration number, number and date of CPP agreement, AFSSAPS (French Health Products Safety Agency) authorisation | 1286925 |
| General Aspects | |
| Medical area | Neurology Psychology and psychiatry Radiology and medical imaging |
| Health determinants | Genetic Lifestyle and behavior Medicine |
| Keywords | Ageing, brain imaging, bio bank, genetics |
| Scientific investigator(s) (Contact) | |
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| Unit | UNITÉ INSERM U708: Neuroépidémiologie |
| Organization | INSERM - Institut National de la Santé et de la Recherche |
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| Unit | Inserm U708, Université Bordeaux Segalen, Bordeaux, France |
| Organization | INSERM - Institut National de la Santé et de la Recherche |
| Collaborations | |
| Participation in projects, networks and consortia | Yes |
| Funding | |
| Funding status | Mixed |
| Details | Inserm, CNRS, universités, MGEN, CNAM-TS, ISPED, DGS, GIS Institut de longévité, FDF, Conseils régionaux d'Aquitaine et de Bourgogne, Ministère chargé de la recherche, Agence nationale de la recherche, Fondation Plan Alzheimer, SANOFI SYNTHELABO, Fondation pour la recherche médicale |
| Governance of the database | |
| Sponsor(s) or organisation(s) responsible | ISPED- Institut de santé publique d'épidémiologie et de développement |
| Organisation status | Public |
| Additional contact | |
| Main features | |
| Type of database | |
| Type of database | Study databases |
| Study databases (details) | Cohort 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 | Identification of eligible subjects through the |

sample selection.

electoral lists, then contact by mail and phone. 40% of the contacted people has been included in the study. Prospective. Other organizations actives in the constitution of the cohort: General Council of Côte d'Or, Montpellier CHU

Database objective

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| Main objective | Study the impact of vascular factors on dementia risk in the over 65 population. Secondary themes: <ul style="list-style-type: none">- Incidence and risk factors of cardiovascular diseases after 65 years old .Medicine consumption of the over 65: inappropriate medicines, respect, self-prescription- Walking ability and balance disorders: prevalence, risk factors and consequences- Incidence and risk factors of loss of autonomy; depression among the elderly population |
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| Inclusion criteria | 65 or more years old subjects, inscribed on the electoral lists, and having a phone |
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Population type

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| Age | Elderly (65 to 79 years) Great age (80 years and more) |
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| Population covered | General population |
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| Gender | Male Woman |
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| Geography area | Local |
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| French regions covered by the database | Aquitaine Limousin Poitou-Charentes Bourgogne Franche-Comté Languedoc-Roussillon Midi-Pyrénées |
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| Detail of the geography area | Bordeaux (2104), Dijon (4931), Montpellier (2259) |
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Data collection

Dates

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| Date of first collection (YYYY or MM/YYYY) | 03/1999 |
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Size of the database

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| Size of the database (number of individuals) | [1000-10 000[individuals |
|--|---------------------------|

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| Details of the number of individuals | 9294 |
| Data | |
| Database activity | Data collection completed |
| Type of data collected | Clinical data Declarative data Paraclinical data Biological data |
| Clinical data (detail) | Medical registration |
| Details of collected clinical data | Clinical examination at inclusion. Information collected during the clinical examination: cognitive tests, blood pressure, cardiac rhythm; clinical examination of people having a previous cerebrovascular event or a cognitive decline. |
| Declarative data (detail) | Paper self-questionnaire Face to face interview |
| Details of collected declarative data | Clinical examination at inclusion. Information collected during the clinical examination: cognitive tests, blood pressure, cardiac rhythm; clinical examination of people having a previous cerebrovascular event or a cognitive decline. |
| Paraclinical data (detail) | Imaging, anthropomorphic data |
| Biological data (detail) | glycemia, total cholesterol, HDL and LDL, triglycerides, creatinine |
| Presence of a biobank | Yes |
| Contents of biobank | Serum Plasma DNA |
| Details of biobank content | Participant volunteers blood (about 8000) |
| Health parameters studied | Health event/morbidity Health event/mortality Health care consumption and services |
| Care consumption (detail) | Medicines consumption |
| Procedures | |
| Data collection method | Questionnaires by the investigators and the psychologists (at inclusion and at each follow-up) - Examination (inclusion and follow-up) - At inclusion |

only: ECG and carotid ultrasound for people aged less than 85 years old - At inclusion and during the follow-up at 4 years: cerebral NMR imaging for people aged less than 80 years old (3500 subjects) - Blood samples at inclusion for all the cohort, and follow-up at 4 years for all the ancillary studies on a part of the cohort - Cross-analysis of the 3C file with the CNAMTS and PMSI databases: medicine consumption, other drugs consumption and hospitalization during all along the follow-up

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| Classifications used | External audit |
| Participant monitoring | Yes |
| Details on monitoring of participants | 10 years |

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| Links to administrative sources | Yes |
| Linked administrative sources (detail) | CNAMTS and PMSI data |

Promotion and access

Promotion

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| Link to the document | http://www.hal.inserm.fr/3CITS |
| Description | List of publications in HAL |
| Link to the document | http://tinyurl.com/Pubmed-Cohorte-3C |
| Description | List of publications in Pubmed |

Access

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| Terms of data access (charter for data provision, format of data, availability delay) | Data utilization possible for academic teams and for industrials. |
| Access to aggregated data | Access on specific project only |
| Access to individual data | Access on specific project only |