

# CESIR - Health and road safety problems: influence of medication consumption

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## General

### Identification

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| Detailed name | Health and road safety problems: influence of medication consumption |
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| Sign or acronym | CESIR |
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| CNIL registration number, number and date of CPP agreement, AFSSAPS (French Health Products Safety Agency) authorisation | Numéro d'autorisation de la CNIL : 906030 |
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### General Aspects

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| Medical area | Traumatology |
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| Keywords | Medications, road traffic accidents, health care consumption, reports (PV), analysis bulletin of road traffic injury accidents (BAAC), pharmacovigilance |
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### Scientific investigator(s) (Contact)

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| Unit | U897 PREVENTION ET PRISE EN CHARGE DES TRAUMATISMES ( Equipe de l'ISPED - Institut de Santé Publique, d'Epidémiologie et de Développement) |
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| Organization | INSERM - Institut National de la Santé et de la Recherche |
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| Collaborations                                                         |                                                                                                                                                                                                                                 |
| Funding                                                                |                                                                                                                                                                                                                                 |
| Funding status                                                         | Public                                                                                                                                                                                                                          |
| Details                                                                | Agence nationale de la recherche (ANR) Agence nationale de sécurité du médicament et des produits de santé (ANSM) ex AFSSAPS Direction de la Sécurité et de la Circulation Routière (DSCR) Direction générale de la santé (DGS) |
| Governance of the database                                             |                                                                                                                                                                                                                                 |
| Sponsor(s) or organisation(s) responsible                              | INSERM - Institut National de la Santé et de la Recherche Médicale                                                                                                                                                              |
| Organisation status                                                    | Public                                                                                                                                                                                                                          |
| Sponsor(s) or organisation(s) responsible                              | AFSSAPS - Agence Française de Sécurité Sanitaire des Produits de Santé                                                                                                                                                          |
| Organisation status                                                    | Public                                                                                                                                                                                                                          |
| Sponsor(s) or organisation(s) responsible                              | INRETS- Institut National de Recherche sur les Transports et leur Sécurité                                                                                                                                                      |
| Organisation status                                                    | Public                                                                                                                                                                                                                          |
| Sponsor(s) or organisation(s) responsible                              | CNAMTS- Caisse Nationale d'Assurance Maladie des Travailleurs Salariés                                                                                                                                                          |
| Organisation status                                                    | Public                                                                                                                                                                                                                          |
| Additional contact                                                     |                                                                                                                                                                                                                                 |
| Main features                                                          |                                                                                                                                                                                                                                 |
| Type of database                                                       |                                                                                                                                                                                                                                 |
| Type of database                                                       | Health relevant administrative databases                                                                                                                                                                                        |
| Database recruitment is carried out by an intermediary                 | An administrative base or a register                                                                                                                                                                                            |
| Database recruitment is carried out as part of an interventional study | No                                                                                                                                                                                                                              |
| Additional information regarding sample selection.                     | Drivers implicated into an identified road traffic injury accident                                                                                                                                                              |

| Database objective                           |                                                                                                                                                     |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| Main objective                               | Identify and quantify the impact of medication consumption on road traffic accidents risk.                                                          |
| Inclusion criteria                           | Drivers implicated into road traffic injury accidents (from 2005 to 2014)                                                                           |
| Population type                              |                                                                                                                                                     |
| Age                                          | Adulthood (19 to 24 years)<br>Adulthood (25 to 44 years)<br>Adulthood (45 to 64 years)<br>Elderly (65 to 79 years)<br>Great age (80 years and more) |
| Population covered                           | General population                                                                                                                                  |
| Gender                                       | Male<br>Woman                                                                                                                                       |
| Geography area                               | National                                                                                                                                            |
| Detail of the geography area                 | France                                                                                                                                              |
| Data collection                              |                                                                                                                                                     |
| Dates                                        |                                                                                                                                                     |
| Date of first collection (YYYY or MM/YYYY)   | 07/2005                                                                                                                                             |
| Date of last collection (YYYY or MM/YYYY)    | 05/2014                                                                                                                                             |
| Size of the database                         |                                                                                                                                                     |
| Size of the database (number of individuals) | Greater than 20 000 individuals                                                                                                                     |
| Details of the number of individuals         | 72685 ( phase 1) phase 2 in progress                                                                                                                |
| Data                                         |                                                                                                                                                     |
| Database activity                            | Current data collection                                                                                                                             |
| Type of data collected                       | Administrative data                                                                                                                                 |
| Administrative data (detail)                 | Analysis bulletin of road traffic injury accidents (BAAC) files, reports (PV) and health consumption (SNIIR-AM)                                     |

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| Presence of a biobank                                                                 | No                                                                                                                                                                            |
| Health parameters studied                                                             | Health care consumption and services                                                                                                                                          |
| Care consumption (detail)                                                             | Medicines consumption                                                                                                                                                         |
| <b>Procedures</b>                                                                     |                                                                                                                                                                               |
| Data collection method                                                                | Data collect from Assurance Maladie and national police                                                                                                                       |
| Participant monitoring                                                                | No                                                                                                                                                                            |
| Links to administrative sources                                                       | Yes                                                                                                                                                                           |
| Linked administrative sources (detail)                                                | CNAMTS (health consumption), national police (BAAC et PV)                                                                                                                     |
| <b>Promotion and access</b>                                                           |                                                                                                                                                                               |
| <b>Promotion</b>                                                                      |                                                                                                                                                                               |
| Link to the document                                                                  | <a href="http://www.ncbi.nlm.nih.gov/pubmed?term">http://www.ncbi.nlm.nih.gov/pubmed?term</a>                                                                                 |
| Link to the document                                                                  | <a href="http://www.plosmedicine.org/article/info%3Adoi%2F10.1371%2Fjournal.pmed.1000366">http://www.plosmedicine.org/article/info%3Adoi%2F10.1371%2Fjournal.pmed.1000366</a> |
| Link to the document                                                                  | <a href="http://www.sciencedirect.com/science/article/pii/S037687161100473X">http://www.sciencedirect.com/science/article/pii/S037687161100473X</a>                           |
| Link to the document                                                                  | <a href="http://onlinelibrary.wiley.com/doi/10.1002/sim.5344/abstract;jsessionid">http://onlinelibrary.wiley.com/doi/10.1002/sim.5344/abstract;jsessionid</a>                 |
| Link to the document                                                                  | <a href="http://www.nature.com/clpt/journal/v89/n4/full/clpt20113a.html">http://www.nature.com/clpt/journal/v89/n4/full/clpt20113a.html</a>                                   |
| <b>Access</b>                                                                         |                                                                                                                                                                               |
| Terms of data access (charter for data provision, format of data, availability delay) | Terms of data access to be defined                                                                                                                                            |
| Access to aggregated data                                                             | Access on specific project only                                                                                                                                               |
| Access to individual data                                                             | Access on specific project only                                                                                                                                               |