

EPIMIL - Longitudinal study in a military environment: epidemiology of risk factors and metabolic syndrome

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General

Identification

Detailed name Longitudinal study in a military environment: epidemiology of risk factors and metabolic syndrome

Sign or acronym EPIMIL

CNIL registration number, number and date of CPP agreement, AFSSAPS (French Health Products Safety Agency) authorisation

CNIL

General Aspects

Medical area Biology
Hematology
Immunology

Pathology (details) Metabolic syndrome

Health determinants Healthcare system and access to health care services
Occupation

Keywords regular annual visits, military environment, risk factors

Scientific investigator(s) (Contact)

Name of the director Bauduceau

Surname Bernard

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Unit Endocrinology department

Organization Hôpital d'Instruction des Armées Bégin

Collaborations

Funding

Funding status Private

Details Laboratoires MSD-Chibret

Governance of the database

Sponsor(s) or organisation(s) responsible Hôpital d'Instruction des Armées Bégin

Organisation status Public

Organisation status

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 care professionals

Database recruitment is carried out as part of an interventional study No

Additional information regarding sample selection. Three Île-de-France military formations make up the sample: republican guard, mobile gendarmerie and Île-de-France gendarmerie.

Database objective

Main objective Determine responsibility for different metabolic syndrome parameters and assess clinical consequences in a military population.

Inclusion criteria
>- male
- aged 20 to 58 years
- military service member

Population type

Age Adulthood (19 to 24 years)

Adulthood (25 to 44 years)
Adulthood (45 to 64 years)

Population covered General population

Pathology

Gender Male

Geography area Regional

French regions covered by the
database Île-de-France

Detail of the geography area Ile-de-France

Data collection

Dates

Date of first collection (YYYY or
MM/YYYY) 2003

Size of the database

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

Details of the number of
individuals 2045

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 Weight, height, waist and hip measurements, blood pressure measured by an automatic blood pressure monitor.

Declarative data (detail) Face to face interview

Details of collected declarative
data including biographical data, toxic habits (estimation of active and cumulative smoking as well as alcohol consumption), sports activities and personal and family history.

Paraclinical data (detail)	ECG
Biological data (detail)	Blood and urine sampling
Presence of a biobank	Yes
Contents of biobank	Serum DNA
Details of biobank content	A serum bank and a DNA bank have been established for the practice of biological assays and genotyping.
Health parameters studied	Health event/morbidity Health event/mortality

Procedures

Data collection method	All the clinical and biological data have been centralised and entered in the endocrinology department of Hôpital d'Instruction des Armées Bégin for statistical processing.
Classifications used	Statistical analysis used Stat View and Supernova
Participant monitoring	Yes
Monitoring procedures	Monitoring by contact with the referring doctor
Details on monitoring of participants	Follow-up for 10 years with regular annual visits
Links to administrative sources	No

Promotion and access

Promotion

Link to the document	http://www.sciencedirect.com/science/article/pii/S0923253205000992
Description	Insulinaemia and metabolic syndrome parameters in a French military population
Link to the document	http://www.jle.com/fr/revues/met/e-docs/un_eclairage_original_du_syndrome_metabolique_en_france_letude_epimil_epidemiologie_des_facteurs_de_risque_et_du_syndrome_met_273047/article.html?tab=texte
Description	An original perspective on metabolic syndrome in France. The EPIMIL study (epidemiology of risk

factors and metabolic syndrome in a military environment)

Link to the document

<http://www.sciencedirect.com/science/article/pii/S0923253205000700>

Description

Homocysteine and parameters of metabolic syndrome and cardiovascular risk in 2,045 military service members: EPIMIL study

Access

Terms of data access (charter for data provision, format of data, availability delay)

Contact the person in charge

Access to aggregated data

Access on specific project only

Access to individual data

Access on specific project only