

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

Head :Bauduceau Bernard, Endocrinology department

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General

Identification

Detailed name	Longitudinal study in a military environment: epidemiology of risk factors and metabolic syndrome
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Sign or acronym	EPIMIL
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CNIL registration number, number and date of CPP agreement, AFSSAPS (French Health Products Safety Agency) authorisation	CNIL
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General Aspects

Medical area	Biology Hematology Immunology
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Pathology (details)	Metabolic syndrome
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Health determinants	Healthcare system and access to health care services Occupation
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Keywords	regular annual visits, military environment, risk factors
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Scientific investigator(s) (Contact)

Name of the director	Bauduceau
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Surname	Bernard
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Unit	Endocrinology department
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Organization	Hôpital d'Instruction des Armées Bégin
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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.phtml?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
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Description	Homocysteine and parameters of metabolic syndrome and cardiovascular risk in 2,045 military service members: EPIMIL study
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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