

CONSTANCES - Cohort of Consultants from Health Examination Clinics

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Date de modification : 14/05/2014 | Version : 2 | ID : 3395

Général	
Identification	
Nom détaillé	Cohort of Consultants from Health Examination Clinics
Sigle ou acronyme	CONSTANCES
Numéro d'enregistrement (ID-RCB ou EUDRACT, CNIL, CPP, etc.)	CNIL approval no. 910486
Thématiques générales	
Domaine médical	Biology Cancer research Cardiology Endocrinology and metabolism Geriatrics Neurology Ophthalmology Pneumology Psychology and psychiatry Rheumatology Traumatology Urology, andrology and nephrology
Déterminants de santé	Addictions Genetic Geography Iatrogenic Nutrition Occupation Pollution Social and psychosocial factors
Mots-clés	representative sample, public health indicators, health examination clinic, adult population, women's health, generalist cohort, ageing, occupational risk, chronic illness, environment, behaviour
Responsable(s) scientifique(s)	
Nom du responsable	Zins

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Laboratoire	UMS 011 Cohortes épidémiologiques en population
Organisme	INSERM &
Collaborations	
Précisions	BBMRI-LPCIDEARP3G
Financements	
Financements	Mixed
Précisions	CONSTANCES is carried out in partnership with the State Health Insurance Fund for Salaried Workers (CNAMTS) and has received support from the French General Health Directorate (DGS), Ministry of Health, Youth, Sport and Community Life in the Île-de-France region. Financial contributions were received from the IReSP (French Public Health Research Institute) for 3 years as part of the "TGIR-Cohortes" (Very Large Research Infrastructures). CONSTANCES receives ANR "Investment for the Future" funding as a Biology and Health Infrastructure since 2012. Public/private partnerships (through INSERM Transfer).

Gouvernance de la base de données

Organisation(s) responsable(s) ou promoteur	Université Versailles Saint Quentin en Yvelines (UVSQ)
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Statut de l'organisation	Secteur Public
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Organisation(s) responsable(s) ou promoteur	Inserm
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Statut de l'organisation	Secteur Public
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Contact(s) supplémentaire(s)

Caractéristiques

Type de base de données

Type de base de données	Study databases
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Base de données issues d'enquêtes, précisions	Cohort study
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Origine du recrutement des participants	A selection of health institutions and services
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Le recrutement dans la base de données s'effectue dans le cadre d'une étude interventionnelle	No
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Informations complémentaires concernant la constitution de l'échantillon	- Random selection by unequal probability sampling design. Over-representation of individuals with a higher non-voluntary probability according to the usual variables (age, sex, PCS). Random selection is conducted by the French National Old Age Pension Fund (CNAV) with the national inter-scheme directory of those receiving national health insurance (RNIAM), matched with the French National Career Management System (SNGC). ? The invitation to participate is provided along with an invitation to attend a health examination in one of the health examination clinics (CES). Randomly selected individuals receive a letter describing the project and CES, along with a reply card.
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Objectif de la base de données

Objectif principal	The objective is to establish a major epidemiological representative cohort of the general population and large workforce, in order to contribute to the development of epidemiological research and to
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provide information regarding public health.

- This is an infrastructure for epidemiological research based on the active workforce, quality and diversity of data and surveillance procedures. Objectives focus on the epidemiology of chronic illness, ageing, behaviour and the environment, as well as determining occupational and social health factors. It may also allow projects to be initiated for various topics, given to the wide accessibility for researchers.

- This is a public health tool that supports the State and CNAMTS public health objectives and assesses the achievement of these objectives through a comprehensive monitoring tool and the collection of diverse information, due to the varied and supplementary methods that call on various data sources.

- This is an epidemiological monitoring tool through a partnership established with the French Institute for Public Health Surveillance (InVS) (particularly on the topic of occupational risk from the Department of Occupational Health (DST)-InVS).

Critères d'inclusion

Adults between 18 and 69 years old and affiliated with the General Social Security Fund.

Type de population

Age

Adulthood (19 to 24 years)
Adulthood (25 to 44 years)
Adulthood (45 to 64 years)
Elderly (65 to 79 years)

Population concernée

General population

Sexe

Male
Woman

Champ géographique

National

Détail du champ géographique

Participants residing in 16 départements in mainland France.

Collecte

Dates

Année du premier recueil

06/2012

Année du dernier recueil

2012

Taille de la base de données	
Taille de la base de données (en nombre d'individus)	Greater than 20 000 individuals
Détail du nombre d'individus	200.000
Données	
Activité de la base	Current data collection
Type de données recueillies	Clinical data Declarative data Paraclinical data Biological data Administrative data
Données cliniques, précisions	Direct physical measures Medical registration
Détail des données cliniques recueillies	Examination in health screening clinics. Return to clinical record for validation of case incidents.
Données déclaratives, précisions	Paper self-questionnaire Face to face interview
Données paracliniques, précisions	For all: weight, height, waist-hip ratio, body fat, blood pressure, heart rate, vision, hearing and spirometry. For participants aged 45 and over: - cognitive function tests: Mini Mental State Examination (MMSE), Digit Symbol Substitution Test (DSST), Free and Cued Selective Reminding Test with Immediate Recall (FCSRT-IR), Trail Making Test (TMT A& B) and semantic fluency .- physical function assessment: (standing balance test, walking speed, handgrip strength test, Finger-Tapping Test (FTT))
Données biologiques, précisions	Fasting glucose, lipid profile, liver function assesment, creatinine, complete blood count, urine test.
Données administratives, précisions	Social position and employment status.
Existence d'une biothèque	Yes
Contenu de la biothèque	Whole blood Serum Plasma Fluids (saliva, urine, amniotic fluid, ?) DNA Others

Détail des éléments conservés	Blood: serum (plasma lithium heparin, K2-EDTA plasma, K2-EDTA whole blood, whole blood with specific RNA additive), urine.
Paramètres de santé étudiés	Health event/morbidity Health event/mortality Health care consumption and services Quality of life/health perception
Consommation de soins, précisions	Hospitalization Medical/paramedical consultation Medicines consumption
Modalités	
Mode de recueil des données	Inclusion: self-assessment questionnaires completed at home + periodic health examination in a clinic for the collection of health data (clinical, paraclinical), and supplementary questionnaires (occupational exposure throughout life, self-administered questionnaire to be completed in clinics by females). - Active follow-up: annual self-administered questionnaire sent to the subject's home by post; invitation to attend a clinic (CES) every 5 years is planned for the entire cohort ? Passive follow-up of socio-professional events and health data. Major socio-professional events are regularly extracted from the CNAV database (Annual Declaration of Social Welfare Data, Quarterly Personal Data, unemployment, absence due to illness, RMI, maternity). Health data regarding vital status and cause of death is available from the National Directory for The Identification of Natural Persons (RNIPP) and the CépiDc-INSERM database; major health events are extracted from the National Health Insurance Cross-Schemes Information System (SNIIRAM), such as: reimbursement data, long duration disease (LDD) and for each hospital stay: principal diagnosis and associated diagnoses, diagnostic and therapeutic procedures.
Suivi des participants	Yes
Détail du suivi	The follow-up period should be as long as possible due to the broad cohort objectives. As such, the duration is indefinite. As the included population ages throughout the cohort follow-up, participants will need to be changed so that the sociodemographic structure remains comparable to the source population over time.

Appariement avec des sources administratives	Yes
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Sources administratives appariées, précisions	PMSI, SNIIRAM, CNAV, CépiDc.
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Valorisation et accès

Valorisation et accès

Lien vers le document	http://www.constances.fr/
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Accès

Charte d'accès aux données (convention de mise à disposition, format de données et délais de mise à disposition)	Call for projects selected by the Scientific Committee.
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Accès aux données agrégées	Access on specific project only
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Accès aux données individuelles	Access on specific project only
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