

PERICLES - Mild Head Trauma and Post-Concussion Syndrome. Study of Outcome at 5 years.

Head :Lagarde Emmanuel, U897 PRÉVENTION ET PRISE EN CHARGE DES TRAUMATISMES (Equipe de l'ISPED - Institut de Santé Publique, d'Epidémiologie et de Développement)
Ribéreau- Gayon Régis

Last update : 08/06/2014 | Version : 1 | ID : 5187

General

Identification

Detailed name Mild Head Trauma and Post-Concussion Syndrome. Study of Outcome at 5 years.

Sign or acronym PERICLES

CNIL registration number, number and date of CPP agreement, AFSSAPS (French Health Products Safety Agency) authorisation CPP n°2007/49 - 2007-A00807-46 CCP SUD-OUEST ET OUTRE MER III

General Aspects

Medical area Traumatology

Others (details) Head trauma, post-concussion syndrome

Keywords post-concussion syndrome, Prevalence, follow-up, symptoms, predictive factors

Scientific investigator(s) (Contact)

Name of the director Lagarde

Surname Emmanuel

Address 146 rue Léo Saignat 33076 Bordeaux cedex

Phone +33 (0)5 57 57 15 04

Email emmanuel.lagarde@isped.u-bordeaux2.fr

Unit U897 PRÉVENTION ET PRISE EN CHARGE DES TRAUMATISMES (Equipe de l'ISPED - Institut de Santé Publique, d'Epidémiologie et de Développement)

Organization INSERM - Institut National de la Santé et de la

Recherche

Name of the director Ribéreau- Gayon

Surname Régis

Collaborations

Funding

Funding status Mixed

Details PHRC Local - Fondation Réunica

Governance of the database

Sponsor(s) or organisation(s) responsible INSERM - Institut National de la Santé et de la Recherche Médicale

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 selection of health institutions and services

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

Additional information regarding sample selection. Enrolment request at emergency department

Database objective

Main objective To comparatively measure the prevalence of post-concussion symptoms at 5 years and to determine predictive factors.

Inclusion criteria Upon adult admission to the emergency department of CHU de Bordeaux, requests to participate in the study were made to: - all patients with mild head trauma presenting one of more signs of severity (Glasgow score of 15, 14 or 13). -

a sample of patients who received a blow to the head without other signs of severity. - case-controls matched according to case age and gender, chosen from patients in the emergency unit for pathologies that did not involve head trauma or potential consequences of the same.

Population type

Age
Adulthood (19 to 24 years)
Adulthood (25 to 44 years)
Adulthood (45 to 64 years)

Population covered
Sick population

Gender
Male
Woman

Geography area
Regional

French regions covered by the database
Aquitaine Limousin Poitou-Charentes

Detail of the geography area
Aquitaine

Data collection

Dates

Date of first collection (YYYY or MM/YYYY)
2008

Date of last collection (YYYY or MM/YYYY)
2008

Size of the database

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

Details of the number of individuals
3459

Data

Database activity
Current data collection

Type of data collected
Clinical data
Declarative data

Clinical data (detail)
Direct physical measures

Declarative data (detail)	Paper self-questionnaire
Presence of a biobank	Yes
Contents of biobank	Serum
Details of biobank content	The blood sample remainder taken during standard routine treatment was used to measure the level of S100B protein.
Health parameters studied	Health event/morbidity Health event/mortality Health care consumption and services Quality of life/health perception
Care consumption (detail)	Hospitalization Medical/paramedical consultation

Procedures

Data collection method

Medical examinations and brain CT scans for cases were conducted in the normal course of treatment for people admitted to the emergency department. Participants answered a questionnaire (M0 questionnaire) in order to assess quality of life before the accident and the existence of common functional symptoms during their time in the emergency department. Patients were contacted again at 3 and 12 months (M3 and M12) after enrolment. In order to obtain standardised quantitative information on the patient's status after returning home, the initial M0 questionnaire and M3 and M12 questionnaires were prepared by adapting the 3 questionnaires below: the "Rivermead Post-Concussion Symptoms Questionnaire" (RSQ), the "Rivermead Head Injury Follow Up Questionnaire" and part of the ?Short Form 36 Health Questionnaire? (SF36). The last part of these questionnaires is devoted to the evaluation of post-traumatic stress and disabilities regarding daily life activities.

Participant monitoring

Yes

Details on monitoring of participants

3 and 12 months after enrolment.

Links to administrative sources

No

Promotion and access

Promotion

Access

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

Data are available for other researchers in accordance with agreement by the investigating parties.

Access to aggregated data

Access on specific project only

Access to individual data

Access on specific project only