

- Study on Dog Bite Severity and Sequelae

Head :Thélot Bertrand, DMCT-Unité traumatismes

Pédrono Gaëlle, DMCT-Unité traumatismes

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General

Identification

Detailed name Study on Dog Bite Severity and Sequelae

CNIL registration number,
number and date of CPP
agreement, AFSSAPS (French
Health Products Safety Agency)
authorisation 909056V1

General Aspects

Medical area Emergency medicine
Traumatology

Pathology (details) Prevention

Health determinants Lifestyle and behavior
Social and psychosocial factors

Keywords dog bites, trauma injuries, severity, sequelae,
hospital emergencies

Scientific investigator(s) (Contact)

Name of the director Thélot

Surname Bertrand

Address 12 rue du Val d'Osne 94415 Saint Maurice

Phone + 33 (0)1 41 79 68 75

Email b.thelot@invs.sante.fr

Unit DMCT-Unité traumatismes

Organization Institut de Veille Sanitaire

Name of the director Pédrono

Surname Gaëlle

Address	12 rue du Val d'Osne 94415 Saint Maurice
Phone	+ 33 (0)1 55 12 53 19
Email	g.pedrono@invs.sante.fr
Unit	DMCT-Unité traumatismes
Organization	Institut de Veille Sanitaire
Collaborations	
Funding	
Funding status	Public
Details	InVS
Governance of the database	
Sponsor(s) or organisation(s) responsible	Institut de Veille Sanitaire (InVS)
Organisation status	Public
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 institutions and services
Database recruitment is carried out as part of an interventional study	No
Additional information regarding sample selection.	All persons admitted to the aforementioned hospital emergency departments for dog bites between May 2009 and June 2010.
Database objective	
Main objective	The aim of the severity study is to provide an epidemiological description of bites, bitten individuals and the dog that bit them; to determine

dog bite severity factors from data collected at the emergency departments (victim age and gender, dog characteristics, connection between victim and dog, etc.); and data collected on the development and impact of the bite at one month. The study may also help chart aggression in dogs who bite, describe encountered behaviour sequences and to establish a bite risk level. Finally, the sequelae study may help describe sequelae number and type, as well as disabilities caused by dog bites, 16 months after the incident.

Inclusion criteria	All patients treated in emergency departments or by SAMU/SMUR (emergency medical services) in participating hospitals are included in the severity study; following the dog bite or for initial treatment, regardless of the age and type of bite (attack, work-related accident, etc.), or whether the skin is broken or not. All patients that agreed to participate in the in first study on dog bite severity factors are included in the sequelae study. Patients that did not give signed consent for the first study will not be included.
Population type	
Age	Newborns (birth to 28 days) Infant (28 days to 2 years) Early childhood (2 to 5 years) Childhood (6 to 13 years) Adolescence (13 to 18 years) Adulthood (19 to 24 years) Adulthood (25 to 44 years) Adulthood (45 to 64 years) Elderly (65 to 79 years) Great age (80 years and more)
Population covered	Sick population
Gender	Male Woman
Geography area	National
Detail of the geography area	Collection participants; Annecy Hospital Centre (HC), Bétune HC. Blaye HC. Fontainebleau HC, Limoges University Hospital Centre (UHC), Le Havre hospital group, Timone hospital in Marseilles, Verdun HC.
Data collection	
Dates	

Date of first collection (YYYY or MM/YYYY)	05/2009
Date of last collection (YYYY or MM/YYYY)	12/2011
Size of the database	
Size of the database (number of individuals)	< 500 individuals
Details of the number of individuals	485 patients in the severity survey and 298 patients in the sequelae survey.
Data	
Database activity	Data collection completed
Type of data collected	Clinical data Declarative data Administrative data
Clinical data (detail)	Direct physical measures Medical registration
Details of collected clinical data	Assessment of bite(s) by a clinician.
Declarative data (detail)	Paper self-questionnaire Phone interview
Details of collected declarative data	Questionnaire conducted by emergency physician, questionnaire conducted by behavioural veterinarian over the phone or in writing at 16 months.
Administrative data (detail)	Age, sex, socio-professional categories, residence postal code.
Presence of a biobank	No
Health parameters studied	Health event/morbidity Health care consumption and services Others
Care consumption (detail)	Hospitalization
Other (detail)	Assessment of victim disability and sequelae caused by dog bites.
Procedures	
Data collection method	Collection is carried out across several

questionnaires: emergency questionnaire completed by physicians on the day of treatment for the bite, veterinary questionnaire completed by telephone interview in the month after the bite; 1-month follow-up questionnaire completed by the emergency physician by telephone interview; sequelae self-assessment questionnaire completed by the patient at 16 months or by telephone interview with a research manager.

Participant monitoring

Yes

Details on monitoring of participants

Follow-up for Severity Survey participants who agreed to be contacted again for the Sequelae Survey.

Links to administrative sources

No

Promotion and access

Promotion

Link to the document

[nouveau document microsoft word \(2\).docx](#)

Access

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

Study report available on InVS website:
<http://www.invs.sante.fr/Dossiers-thematiques/Maladies-chroniques-et-traumatismes/Traumatismes/Enquetes-Systemes-de-surveillance/Enquetes-thematiques/Enquete-sur-les-facteurs-de-gravite-des-morsures-de-chien>
Request to the scientist in charge of the study or website request, according to current InVS terms.