## **ORSOSA - Cross-Sectional Study on The Organisation of** Healthcare and The Health of Healthcare Workers

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General	
Identification	
Detailed name	Cross-Sectional Study on The Organisation of Healthcare and The Health of Healthcare Workers
Sign or acronym	ORSOSA
CNIL registration number, number and date of CPP agreement, AFSSAPS (French Health Products Safety Agency) authorisation	CNIL
General Aspects	
Medical area	Cardiology Psychology and psychiatry
Health determinants	Occupation Social and psychosocial factors
Keywords	healthcare staff, HBP, psychological and organisational constraints, POC, high blood pressure, anxiety, depression
Scientific investigator(s) (Contact)	
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operating theatre), medicine (medicine, geriatrics, paediatrics) and emergency resuscitation services. Non-inclusion criteria: UFs with less than 20 staff and UFs to be closed or restructured within two years after collection. Random selection was carried out on eligible UFs. Enrolled subjects were all from the selected UF and fulfilled all the inclusion criteria (nurses, nursing assistants, directors and physicians).

## Database objective

Dates

Main objective	The study aims to construct and validate a methodological tool to assess psychological and organisational constraints (POC) in healthcare by adapting measurement tools, such as objective (observations) and subjective (self-administered questionnaires) tools. The long-term objective is the transfer of skills and the developed methodological tool to smaller healthcare institutions that are also subject to the same regulatory risk assessment requirements.
Inclusion criteria	<ul> <li>Statutory and voluntary contracted staff;</li> <li>50% of the subjects' work is as a nurse, nursing assistant or doctor.</li> <li>Non-inclusion criteria</li> <li>Temporary staff and staff that are planning to leave the UHC in two years (retirement, moving, etc.).</li> </ul>
Population type	
Age	Adulthood (19 to 24 years) Adulthood (25 to 44 years) Adulthood (45 to 64 years)
Population covered	General population
Gender	Male Woman
Geography area	National
Detail of the geography area	Grenoble, Bordeaux, Toulouse, Limoges, Nancy, Strasbourg, Lille.
Data collection	

Date of first collection (YYYY or MM/YYYY)	2006
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	4,631 individuals throughout 7 UHCs.
Data	
Database activity	Data collection completed
Type of data collected	Declarative data
Declarative data (detail)	Paper self-questionnaire
Details of collected declarative data	- Siegrist (ERI - Effort-Reward Imbalance); - NSS (Nursing Stress Scale, measurement of patient support) - R-NWI that assesses three dimensions (healthcare worker autonomy and control at work; director support, healthcare worker collaboration with physicians) - collective organisation of work; - organisational dysfunction; - administrative support; - meaning of work mental health status (anxiety and depressive mood) was assessed through a self-administered questionnaire by: - STAI-YB (State- Trait Anxiety Inventory: self-assessment anxiety scale); - CES-D (Center for Epidemiologic Studies- Depression Scale, questionnaire used to assess depressive state) Measurement of cardiovascular health (blood pressure, age, smoking, therapy, physical exercise, etc.); - Borg scale (perceived exertion scale); - measurement of musculoskeletal disorder prevalence divided into three dimensions, from Yves Roquelaure's work (Angers UHC): patient-handling constraints; handling constraints around the patient; gestures and posture.
Presence of a biobank	No
Health parameters studied	Health event/morbidity Quality of life/health perception
Procedures	
Data collection method	The organisation's activities can be quantified objectively through ergonomic observation grids

and a framework questionnaire.

Participant monitoring	No
Links to administrative sources	No
Promotion and access	
Promotion	
Link to the document	http://tinyurl.com/PUBMED-ORSOSA
Link to the document	http://tinyurl.com/HAL-ORSOSA
Access	
Terms of data access (charter for data provision, format of data, availability delay)	Contact the scientist in charge.
Access to aggregated data	Access on specific project only
Access to individual data	Access on specific project only