

# ASCHI - Apathy in Schizophrenia: A Case-Control Clinical and Neuropsychological Study

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## General

### Identification

Detailed name Apathy in Schizophrenia: A Case-Control Clinical and Neuropsychological Study

Sign or acronym ASCHI

CNIL registration number, number and date of CPP agreement, AFSSAPS (French Health Products Safety Agency) authorisation CNIL no. 912451 / CCTIRS no. 12.297

### General Aspects

Medical area Neurology  
Psychology and psychiatry

Keywords apathy, schizophrenia

### Scientific investigator(s) (Contact)

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Organization APHP

### Collaborations

### Funding

Funding status	Public
Details	INSERM, APHP
<b>Governance of the database</b>	
Sponsor(s) or organisation(s) responsible	INSERM
Organisation status	Public
<b>Additional contact</b>	
<b>Main features</b>	
<b>Type of database</b>	
Type of database	Study databases
Study databases (details)	Case control 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
<b>Database objective</b>	
Main objective	<p>The main objective is to confirm that schizophrenic patients are apathetic compared to health volunteers.</p> <p>Secondary objectives:</p> <ul style="list-style-type: none"> <li>- to investigate if apathy is related to a particular aspect of the disease (i.e., negative or positive symptomatology);</li> <li>- to investigate if apathy correlates with executive dysfunction;</li> <li>- to investigate if apathy is associated with a specific mechanism using an experimental task specially designed to characterise different mechanisms (i.e., "a-motivation", "cognitive inertia", and "uncoupling");</li> <li>- to investigate if there is a volumetric abnormality affecting the executive system in apathetic schizophrenic patients;</li> <li>- to link these possible volumetric abnormalities to the prefrontal cortex-basal ganglia circuits according to a specific apathy subtype within the apathetic schizophrenic group.</li> </ul>

## Inclusion criteria

Healthy volunteers:  
-Male or female;  
-Aged 20 to 55;  
-With health insurance.

Exclusion criteria:  
-History of neurological disorder;  
-Previous head injury;  
-Alcohol or substance abuse;  
-On psychotropic medication;  
-Contraindication to MRI.

Schizophrenia patients:  
-Male or female;  
-Aged 20 to 55;  
-With health insurance;  
-Diagnosed as schizophrenic according to DSM-IV R criteria;  
-Illness with a duration of over 5 years;  
-Clinical stability during the past 2 months (defined as no treatment modification or hospitalisation 2 months prior to evaluation).

Exclusion criteria:  
-Schizo-affective disorder;  
-History of neurological disorders (past or present);  
-Previous head injury;  
-Alcohol or substance abuse;  
-Contraindication to MRI.

## 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  
Local

French regions covered by the database  
Île-de-France

Detail of the geography area  
Psychiatric department in Corentin Celton Hospital

## Data collection

### Dates

Date of first collection (YYYY or  
2012

MM/YYYY)

## Size of the database

Size of the database (number of individuals) < 500 individuals

Details of the number of individuals 12 schizophrenic patients; 15 healthy volunteers.

## Data

Database activity Current data collection

Type of data collected Clinical data  
Paraclinical data

Clinical data (detail) Medical registration

Details of collected clinical data Apathy (measured by Starkstein's Apathy Evaluation Scale), neuropsychological performance: global mental efficiency (Mill Hill B, PM 38), frontal assessments (BREF, MCST, TMT A and B, Stroop, verbal fluences), social cognition (SEA); memory (Grober and Buschke, direct-indirect digit span), instrumental functions: Rey figure), positive and negative symptomatology: PANSS, SANS/SAPS, Calgary Scale, SDS.

Paraclinical data (detail) Volumetric brain abnormalities.

Presence of a biobank No

Health parameters studied Health event/morbidity

## Procedures

Participant monitoring No

Links to administrative sources No

## Promotion and access

### Promotion

### 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