

# PERHAPS - Case-Control Study on Poker Players: Study on Cognitive Mechanisms and the Specificity of Poker-related Problems. Preliminary Study for Implementing a Specific Cognitive Remediation Procedure

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Last update : 07/03/2016 | Version : 1 | ID : 73280

## General

### Identification

Detailed name Case-Control Study on Poker Players: Study on Cognitive Mechanisms and the Specificity of Poker-related Problems. Preliminary Study for Implementing a Specific Cognitive Remediation Procedure

Sign or acronym PERHAPS

### General Aspects

Medical area Psychology and psychiatry

Health determinants Addictions  
Healthcare system and access to health care services  
Lifestyle and behavior  
Social and psychosocial factors

Keywords experimental study, cognitive mechanisms, cognitive remediation, pathological gambling, poker

### Scientific investigator(s) (Contact)

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Unit Nantes University Hospital Addiction Treatment  
Department/Clinical Investigation Unit CIU 18:  
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Organization

Nantes University Hospital

Collaborations

Funding

Funding status

Public

Details

Nantes University Hospital internal tendering

Governance of the database

Sponsor(s) or organisation(s) responsible

CHU de Nantes - Institut Fédératif des Addictions Comportementales (IFAC) - Unité d'Investigation Clinique "Addictions Comportementales et Troubles de l'Humeur Complexes"

Organisation status

Public

Presence of scientific or steering committees

No

Additional contact

Main features

Type of database

Type of database

Study databases

Study databases (details)

Case control study

Additional information regarding sample selection.

Main study: one section of voluntary participants was selected through the press (?non-poker players? and ?expert unproblematic poker players? ). Another section was selected within the EVALADD cohort (?pathological poker players?) (n=60). Participants were randomly divided into 3 different groups after verifying eligibility:  
 Secondary study: the participants were selected within the EVALADD cohort (pathological gamblers of pure chance games, quasi-skill games and MMORPGs (massively multi-player online role-playing games) (n=45). Participants were randomly divided into 3 different groups after verifying eligibility.

Database objective

Main objective

To verify the existence and describe the nature of cognitive deficits (attention and emotional

perception abilities as well as mental flexibility and inhibition) in pathological poker players. The long-term objective is to construct a cognitive remediation therapy programme focussing on these cognitive deficits and to test it in a clinical trial that may be put out to national or regional PHRC (clinical hospital research programme) tender.

#### Inclusion criteria

Inclusion criteria:

? adults younger than 60 years old

? male

? good understanding of French, literate

? correct level of vision and hearing

? Group 1 (main study): Texas Hold'em players with at least 3 months experience playing at least once a week

? Group 2 (main study): Texas Hold'em players diagnosed as pathological gamblers according to DSM-5

? Groups S1 and S2 (secondary study): validation of pathological gambling diagnosis according to DSM-5

? Group 3 (secondary study): validation of problematic video game playing criteria according to PVP.

#### Population type

Age

Adulthood (19 to 24 years)

Adulthood (25 to 44 years)

Adulthood (45 to 64 years)

Population covered

General population

Gender

Male

Geography area

Regional

French regions covered by the database

Pays de la Loire

Detail of the geography area

Pays de la Loire

#### Data collection

#### Dates

Date of first collection (YYYY or MM/YYYY)

01/2016 (hypothetical)

Date of last collection (YYYY or MM/YYYY)

07/2018 (hypothetical)

## Size of the database

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

Details of the number of individuals 150 participants (90 for the main study, 45 for the secondary study and 15 voluntary controls)

## 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  
Face to face interview  
Phone interview

Details of collected declarative data Habits and gambling course from a standardised interview grid; self-administered questionnaires on general participant behaviour and some specific aspects of gambling practices; assessment of different cognitive tasks (attention and emotional perception abilities, mental flexibility and inhibition capacity).

Presence of a biobank No

Health parameters studied Quality of life/health perception

## Procedures

Data collection method Heteroquestionnaires; self-administered questionnaires and cognitive tasks.

Classifications used DSM-IV

Quality procedure(s) used Electronic CRF entered through Clinsight.

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