

# The identification of genetic variants in pedigrees with a high genetic loading for alcohol dependence

Published: 14-11-2013

Last updated: 24-04-2024

The aim of this protocol is threefold.1. To investigate associations between alcohol dependence with demographic data, psychiatric problems (e.g., compulsive symptoms in Obsessive Compulsive disorder, and ADHD)2. To investigate familial transmission...

<b>Ethical review</b>	Approved WMO
<b>Status</b>	Recruitment stopped
<b>Health condition type</b>	Psychiatric disorders NEC
<b>Study type</b>	Observational non invasive

## Summary

### ID

NL-OMON40342

### Source

ToetsingOnline

### Brief title

Genetics\_alcohol

### Condition

- Psychiatric disorders NEC

### Synonym

Addiction, alcohol dependence

### Research involving

Human

### Sponsors and support

**Primary sponsor:** Academisch Medisch Centrum

**Source(s) of monetary or material Support:** Ministerie van OC&W, Stichting Volksbond Rotterdam

## Intervention

**Keyword:** Addiction, Alcohol dependence, Compulsivity, Genetics

## Outcome measures

### Primary outcome

Addiction severity index (ASI), including demographic data

Alcohol use disorders identification test (AUDIT)

Cannabis use disorders identification test (CUDIT and additional items  
CUDIT-Revised)

Fagerström test for Nicotine Dependence (FTND)

Gambling section of the EuropASI versie III (see ASI)

Compulsive Internet Use Scale (CIUS)

Eating Disorder Examination Questionnaire (EDE-Q)

Ethnicity

Mini-plus (modules A-P)

Adult ADHD Self-Report Scale (ASRS)

Hospital Anxiety and depression scale (HADS)

Family Interview for Genetic Studies (FIGS)

### Secondary outcome

NA

## Study description

### Background summary

Alcohol dependence is a highly prevalent disorder with a large impact on society. The disease has adverse physical, psychological, and social

consequences for patients and their relatives. Despite the high heritability, little is known on the specific genetic risk factors

### **Study objective**

The aim of this protocol is threefold.

1. To investigate associations between alcohol dependence with demographic data, psychiatric problems (e.g., compulsive symptoms in Obsessive Compulsive disorder, and ADHD)
2. To investigate familial transmission of alcohol dependence and addiction-associated traits (e.g., gambling, nicotine dependence, compulsivity, ADHD)
3. To identify novel genetic variants which influence alcohol dependence

### **Study design**

40 patients and their relatives will be recruited at i) Parnassia Group ii) at the Department of Psychiatry of the Academic Medical Centre, Amsterdam (AMC).

### **Study burden and risks**

Burden is very small/absent. No risks involved

## **Contacts**

### **Public**

Academisch Medisch Centrum

Meibergdreef 5  
Amsterdam 1105 AZ  
NL

### **Scientific**

Academisch Medisch Centrum

Meibergdreef 5  
Amsterdam 1105 AZ  
NL

## Trial sites

### Listed location countries

Netherlands

## Eligibility criteria

### Age

Adolescents (12-15 years)

Adolescents (16-17 years)

Adults (18-64 years)

Elderly (65 years and older)

### Inclusion criteria

1. Patients who have given informed consent to participate and who at the screening visit have met all the below stated inclusion criteria.;Diagnosed with alcohol dependence according to DSM-IV criteria

Age between 16-85 years

Caucasian ethnicity (i.e., defined as having at least three Caucasian grandparents)

A positive family history of alcohol dependence;2. Relatives who have given informed consent to participate and who at the screening visit have met all the below stated inclusion criteria.;Age between 16-85 years

Caucasian ethnicity (at least three Caucasian grandparents)

### Exclusion criteria

Age below 16

Non-caucasian

## Study design

### Design

**Study type:** Observational non invasive

Masking: Open (masking not used)

Control: Uncontrolled

Primary purpose: Basic science

## Recruitment

NL  
Recruitment status: Recruitment stopped  
Start date (anticipated): 14-02-2014  
Enrollment: 280  
Type: Actual

## Ethics review

Approved WMO  
Date: 14-11-2013  
Application type: First submission  
Review commission: METC Amsterdam UMC  
Approved WMO  
Date: 09-10-2014  
Application type: Amendment  
Review commission: METC Amsterdam UMC

## Study registrations

### Followed up by the following (possibly more current) registration

No registrations found.

### Other (possibly less up-to-date) registrations in this register

No registrations found.

## In other registers

Register	ID
CCMO	NL44352.018.13