

# Effectiveness of an educational program for preventing drinking and driving recidivism

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<b>Registration date</b> 10/03/2016	<b>Overall study status</b> Completed	<input type="checkbox"/> Statistical analysis plan <input type="checkbox"/> Results
<b>Last Edited</b> 10/07/2017	<b>Condition category</b> Other	<input type="checkbox"/> Individual participant data <input type="checkbox"/> Record updated in last year

## Plain English summary of protocol

### Background and study aims

One fifth of drivers convicted of drink-driving for the first time will be convicted again for the same offence in subsequent years. Lecture-based educational programs are believed to reduce recidivism (re-offending). The aim of this study is to measure the effects of short lectures with and without the presence of a close relative 'in class' on the rates of recidivism during the two years after an initial drink-driving conviction.

### Who can participate?

Drivers in the Canton of Geneva convicted of a first-time drink-driving offence.

### What does the study involve?

Participants are randomly allocated to attend either: a two-hour series of lectures; a one-hour lecture and a group psychological intervention with a close relative; or to receive written information on the consequences of alcohol consumption. Time until recidivism is retrieved from a national registry for two years after participation.

### What are the possible benefits and risks of participating?

Participants benefit from a one-month reduction of the time for which their license is suspended. They will also personally benefit from changing their behaviour towards drink driving given the legal, financial and emotional consequences drink driving can have. There are no known risks related to the intervention.

### Where is the study run from?

University Center of Legal Medicine Lausanne-Geneva (Switzerland)

### When is the study starting and how long is it expected to run for?

December 2011 to July 2016

### Who is funding the study?

Swiss Federal Office for Roads (Switzerland)

Who is the main contact?

Prof. Paul Vaucher

## Contact information

### Type(s)

Scientific

### Contact name

Prof Paul Vaucher

### ORCID ID

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### Contact details

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1700

## Additional identifiers

EudraCT/CTIS number

IRAS number

ClinicalTrials.gov number

Secondary identifying numbers

CER10-214

## Study information

### Scientific Title

Effectiveness of an educational program for preventing drinking and driving recidivism: a randomized controlled trial

### Acronym

PRECASIA 2

### Study objectives

A short educational program with or without a proxy reduces the hazard of drink driving recidivism within the two first years.

### Ethics approval required

Old ethics approval format

**Ethics approval(s)**

Official state ethical committee (Commission cantonale d'éthique de la recherche du Canton de Genève), December 2010, ref: CER10-214

**Study design**

Single-centre three-armed parallel randomized clinical trial

**Primary study design**

Interventional

**Secondary study design**

Randomised parallel trial

**Study setting(s)**

Other

**Study type(s)**

Prevention

**Participant information sheet**

See additional files

**Health condition(s) or problem(s) studied**

First time convicted offenders for drink driving with blood alcohol concentration  $\geq 0.8$  g/kg and  $< 2.5$  g/kg

**Interventions**

Participants are invited to attend an educational programme on drinking and driving in exchange for a reduction, of one month, of the time for which their license is suspended.

Participants are randomly assigned to either:

1. A two-hour series of lectures. Participants are informed regarding accident statistics, offence-related legal procedures, the consequences of DUI for insurance cover, the medical consequences of heavy drinking, the psychological aspects of alcohol consumption, and behavioural strategies for avoiding DUI recidivism. Class size are limited to 12 participants. Participants receive printed materials on alcohol consumption and consequences at the end of the two-hour lecture. The program is delivered by a psychologist with educational experience. The entire lecture is delivered during one morning.
2. A one-hour lecture and a group psychological intervention with a proxy. Participants are asked to choose, nominate, and bring with them a close relation (proxy) such as their spouse, a companion, or a friend. After receiving a briefer lecture, this group is to expose reasons for changes to an unknown proxy from another pair. They then have to plan a strategy for change with their original proxy.
3. The control group also receive a reduction, of one month, of the time for which their license is suspended and paid for program costs. They however only received written information on alcohol consumption and consequences.

Program costs were paid by the individual drivers (CHF 200).

**Intervention Type**

Behavioural

**Primary outcome measure**

Time till drink driving recidivism offense with blood alcohol concentration (BAC)  $\geq 0.8$  g/kg, retrieved from a national registry that contains details of recidivism that take place up to two years after inclusion.

**Secondary outcome measures**

None

**Overall study start date**

01/12/2011

**Completion date**

31/07/2016

**Eligibility****Key inclusion criteria**

1. Over 18 years of age
2. Having one's driving license suspended for DUI offense
3. Understanding French
4. Being able to read and write
5. Having a potential proxy to attend the course with

**Participant type(s)**

Other

**Age group**

Adult

**Lower age limit**

18 Years

**Sex**

Both

**Target number of participants**

600 (200 per group)

**Key exclusion criteria**

BAC  $\geq 2.5$  g/kg

**Date of first enrolment**

01/12/2011

**Date of final enrolment**

30/06/2014

**Locations**

**Countries of recruitment**

Switzerland

**Study participating centre**

University Center of Legal Medicine Lausanne-Geneva, Geneva

Rue Jean-Violette 32

Geneva

Switzerland

1205

## **Sponsor information**

**Organisation**

Geneva University Hospitals, University Centre of Legal Medicine

**Sponsor details**

Rue Gabrielle-Perret-Gentil 4

Geneva

Switzerland

1211

**Sponsor type**

University/education

**ROR**

<https://ror.org/03grgv984>

## **Funder(s)**

**Funder type**

Government

**Funder Name**

Swiss Federal Office for Roads (Switzerland)

## **Results and Publications**

**Publication and dissemination plan**

Results are to be published during the first semester of 2017.

## Intention to publish date

12/12/2016

## Individual participant data (IPD) sharing plan

### IPD sharing plan summary

Data sharing statement to be made available at a later date

### Study outputs

Output type	Details	Date created	Date added	Peer reviewed?	Patient-facing?
<a href="#">Participant information sheet</a>			19/04/2016	No	Yes