

# Organ donation education for lower-educated adolescents

No registrations found.

<b>Ethical review</b>	Not applicable
<b>Status</b>	Pending
<b>Health condition type</b>	-
<b>Study type</b>	Interventional

## Summary

### ID

NL-OMON26627

### Source

Nationaal Trial Register

### Health condition

organ donation registration

orgaandonatie registratie

## Sponsors and support

**Primary sponsor:** Department of Health Promotion, Maastricht University

**Source(s) of monetary or material Support:** John William Joseph & Lenore Kirschweng  
Ackermans Foundation

## Intervention

## Outcome measures

### Primary outcome

Intention to register

### Secondary outcome

Intention to register as a donor (with or without restrictions)

Registration status

Registration as a donor

Behavioral determinants

## Study description

### Background summary

An educational program about organ donation will be delivered by teachers at Intermediate Vocational Education schools in the Netherlands. The effectiveness will be assessed in a two-group posttest-only randomized design by means of self-administrated questionnaires. Randomization will take place on class level. Each experimental class will be matched with a control class within the same school to optimize equivalence of groups. Both groups will receive the program. Students in the control group will fill in the questionnaire before receiving the program, while the experimental group will do this after. The questionnaire assesses demographics, behavioral determinants (attitude, self-efficacy, knowledge and social outcomes), intention to register (as a donor) and current registration status. Intention to register is the main outcome. Six months after delivery, the registration status will be assessed again.

Participants will only be recruited in the Netherlands

### Study objective

This study is designed to give insight into the effects of an educational program about organ donation on lower-educated adolescents and how these effects were achieved.

We expect participants to have a higher intention to register after receiving the program.

### Study design

The experimental group will fill in a questionnaire right after receiving the intervention.

The control group will fill in the questionnaire before the intervention.

After a period of 6 months, the outcome measurements registration and registration as a donor will be measured again by means of a short questionnaire.

### Intervention

The experimental group will receive a web-based educational program during two 50-minute lessons in a classroom setting delivered by their own teachers. After receiving the program, they will fill in a questionnaire.

The control group will fill in a questionnaire first and receive the educational program after.

The web-based program consists of three main elements; video fragments followed by group discussions, quizzes with tailored feedback and practicing filling in an organ donation registration form. These elements will be provided to the students during two 50-minute-lessons at school. At the end of the program, students are expected to be able to make a well-informed decision about organ donation registration and will be stimulated to register this choice.

Lesson 1 consists of four video fragments followed by group discussions. Each video deals with a concept regarding organ donation and -registration in which both positive and negative outcome expectations were included. The videos were designed to elicit discussion among students about brain death, the possibility to help other people by donating your organs, discussing the subject with others and the importance of registering in general (from the perspective of medical professionals and family members) . Teachers will be provided with a manual to facilitate discussion after each video in which students get the opportunity to share their opinions and beliefs. This activity aims to increase involvement, encourage positive beliefs and counterbalance negative beliefs.

Lesson 2 combines two program elements. First, students will individually work with the website. The website provides the participants with two quizzes. One quiz will mainly focus on testing students' knowledge, while the other one will focus on their opinion. Each question will be followed by tailored feedback. Participants will receive information that is personally relevant and fits their needs. The main goal of the exercise is to teach participants about organ donation and -registration and give them tailored feedback on misconceptions they might have. The second part of the lesson will be spent on practicing with filling in an organ donation registration form in order to enhance self-efficacy. Students will be provided with a copy of an organ donation registration form or use a digital version. The aim is to give students an enactive mastery experience, which increases their self-efficacy and therefore increases the intention to fill in a real organ donation registration form.

## Contacts

### Public

Esther Steenaart  
Peter Debyeplein 1

Maastricht 6229 HA

The Netherlands  
+31443885598  
**Scientific**  
Esther Steenaart  
Peter Debyeplein 1

Maastricht 6229 HA  
The Netherlands  
+31443885598

## Eligibility criteria

### Inclusion criteria

Adolescents in Intermediate Vocational Education (IVE) schools in The Netherlands.

Typically students aged 16 till early 20s, but students from older ages are also included.

Participants are recruited via their schools, so no additional criteria are set on the individual level.

On class level, only classes with IVE level 2-4 are included.

### Exclusion criteria

IVE level 1

## Study design

### Design

Study type:	Interventional
Intervention model:	Parallel
Allocation:	Randomized controlled trial
Masking:	Open (masking not used)
Control:	Active

## Recruitment

NL  
Recruitment status: Pending  
Start date (anticipated): 01-11-2017  
Enrollment: 1560  
Type: Anticipated

## Ethics review

Not applicable  
Application type: Not applicable

## 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

NTR-new NL6557

NTR-old NTR6771

Other Faculty of Health, Medicine and Life Sciences, Maastricht University : 231017

## Study results