

Influence of Delivery Mode on User Perceptions

No registrations found.

Ethical review	Not applicable
Status	Pending
Health condition type	-
Study type	Interventional

Summary

ID

NL-OMON29234

Source

Nationaal Trial Register

Brief title

InfoRoken.nl

Health condition

smoking cessation, web-based tailored intervention

Sponsors and support

Primary sponsor: No grants or other form of support is received for this study. The study is carried out at the Faculty of Health, Medicine and Life Sciences, Department Health Promotion of Maastricht University.

Source(s) of monetary or material Support: The study is carried out at the Faculty of Health, Medicine and Life Sciences, Department Health Promotion of Maastricht University.

Intervention

Outcome measures

Primary outcome

Anticipated adherence will be measured by two constructs: (1) the intention to revisit the intervention and (2) the intention to recommend the intervention to others.

User experience will be measured by five constructs: (3) effectiveness (4) trustworthiness, (5) enjoyment, (6) active trust, and (7) design aesthetic.

Secondary outcome

Engagement will be measured by the (8) DBCI Engagement Scale. Lastly, an (9) overall grade will be measured.

Study description

Background summary

A fundamental problem of eHealth interventions including computer-tailored interventions is nonusage attrition (i.e. not using the intervention) and dropout attrition (i.e. loss of participants to follow-up). One way to decrease attrition is to adapt the delivery mode of the intervention to the needs of the target population. Animations may be effective in communicating complex health information. However, the effects of using animations in computer-tailored studies have not been explored yet.

This study compares two modes of delivery of a web-based computer-tailored smoking cessation intervention. Participants receive either an animation-based version or a text-based version of the exact same intervention. The aim of this study is to explore the effect of manipulating the mode of delivery (animation- vs. text-based computer-tailoring) on user perceptions.

Study objective

This study is of exploratory nature. The aim of the study is to explore whether differences exist in user perceptions according to mode of delivery (animation- vs. text-based computer-tailoring).

Study design

N/A

Intervention

The web-based computer-tailored smoking cessation intervention that will be used in this study is based on an existing intervention (Trial NL2954), called 'Support to Quit', which has been found to be effective and cost-effective in the Netherlands. The present study will use a shortened version of 'Support to Quit' delivered in an animation-based version and a text-based version. The animation-based version will use narrated animations with little onscreen text. The text-based version will consist of text-based feedback messages without any graphics. The content is exactly the same in both versions; only the mode of delivery differs.

Contacts

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Eligibility criteria

Inclusion criteria

Inclusion criteria are that participants are at least 18 years old, smoke at the time of study inclusion, and have internet access and sufficient command of the Dutch language.

Exclusion criteria

N/A

Study design

Design

Study type:	Interventional
Intervention model:	Parallel
Allocation:	Randomized controlled trial
Masking:	Single blinded (masking used)
Control:	Active

Recruitment

NL
Recruitment status: Pending
Start date (anticipated): 17-04-2019
Enrollment: 200
Type: Anticipated

IPD sharing statement

Plan to share IPD: No

Plan description

N/A

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 NL7669

Other Ethical Review Committee Psychology and Neuroscience (ERCPN) Maastricht University : Master_205_13_03_2019

Study results

Summary results

Stanczyk, N. E., de Vries, H., Candel, M. J., Muris, J. W., & Bolman, C. A. (2016). Effectiveness of video- versus text-based computer-tailored smoking cessation interventions among smokers after one year. *Prev Med*, 82, 42-50. doi:10.1016/j.ypmed.2015.11.002

Stanczyk, N. E., Bolman, C., van Adrichem, M., Candel, M., Muris, J., & de Vries, H. (2014). Comparison of text and video computer-tailored interventions for smoking cessation: randomized controlled trial. *J Med Internet Res*, 16(3), e69. doi:10.2196/jmir.3016

Stanczyk, N. E., Smit, E. S., Schulz, D. N., de Vries, H., Bolman, C., Muris, J. W., & Evers, S. M. (2014). An economic evaluation of a video-and text-based computer-tailored intervention for smoking cessation: a cost-effectiveness and cost-utility analysis of a randomized controlled trial. *PloS one*, 9(10). doi:10.1371/journal.pone.0110117