

Call of Abstracts - "International conference on the E-Cigarette: patterns of use and health impacts"



Call of abstracts

"International conference on the E-Cigarette: patterns of use and health impacts" - Paris, on 5-6th December 2022

Submission form

Poster & oral presentation

Contact details of the corresponding author

Title

Ms

First name

Emma

Last name

Ward

E-mail

emma.ward@uea.ac.uk

Institution / company

University of East Anglia

Unit / department

Norwich Medical School

Address

University of East Anglia, Norwich Research Park
Norwich, NR4 7TJ
United Kingdom

Background information

Type of submission

Oral or poster

Theme of conference

Patterns of use

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Dual user

Perceptions, representations, beliefs

Trajectories of users

Abstract title

Tracking via Repeated Assessment of Joint E-Cigarette and Tobacco use (TRAJECT): Descriptive and qualitative findings exploring trajectories of dual e-cigarette and tobacco use

Author's contact details :

Title

Ms

First name

Emma

Last name

Ward

E-mail

emma.ward@uea.ac.uk

Institution / company

University of East Anglia

Co-author's contact details :

Number of co-authors

9

Co-author 1

Felix Naughton University of East Anglia

Co-author 2

Emma Beard University College London

Co-author 3

Lynne Dawkins London South Bank University

Co-author 4

Sharon Cox University College London

Co-author 5

Richard Holland University of Leicester

Co-author 6

Dominika Kwasnicka University of Melbourne

Co-author 7

Allan Tyler London South Bank University

Co-author 8

Catherine Kimber London South Bank University

Co-author 9

Caitlin Notley University of East Anglia

Abstract details (poster & oral)

Background, method, results and conclusions

BACKGROUND: The full benefits of switching to e-cigarettes for cancer prevention are only realised if complete abstinence from tobacco occurs. However, a third of e-cigarette users in the UK continue to smoke tobacco (dual use). This presentation will focus on two study aims: 1) to describe within-person patterns and trajectories of dual use behaviour and how these vary between individuals; 2) to understand participant perspectives on their dual use behaviour.

METHODS: A single-case (N-of-1) design (N=19) using repeated Ecological Momentary Assessment with end-of-study qualitative interviews. Participants were purposively sampled as recent dual e-cigarette and tobacco users. Participants completed daily measures for 90 days under naturalistic conditions regarding their e-cigarette use (objective and self-report) and self-reported tobacco use. Descriptive trajectories and qualitative findings analysed thematically using the Capability-Opportunity-Motivation model of Behaviour (COM-B) were undertaken.

RESULTS: Four quantitative trajectories were identified focusing on smoking within dual use: increasing, decreasing, fluctuating and no change. In interviews, participants explained fluctuating patterns due to opportunistic triggers such as socialising or availability, whereas the other patterns were explained in terms of intrinsic motivation. Participants who had quit smoking at follow up described high vape satisfaction, strong internal motivation to quit, and a supportive environment. The opposite was described by participants who were still smoking but no longer vaping. Some who continued to dual use described 'permissive' smoking, perceiving control over their smoking which they allowed in specific situations.

CONCLUSIONS: The findings help inform a typology of dual use with situated, person-centred explanations for changes over time. The findings informed the TRAJECT Study quantitative analysis of predictors of dual use.

Main messages

MAIN MESSAGES: Trajectories of dual use vary considerably between individuals. Bespoke interventions targeting behaviour change mechanisms are needed to promote abstinence from tobacco among dual users.

Type of study / research

Longitudinal

Geography of the study

Europe

Funding of study

Federal source

No

State source

No

Nonprofit Grant Funding Entity Source

Yes

Nonprofit Grant Funding Entity Source

Yes

Academic Institution Source

No

Pharmaceutical Industry Source

No

Tobacco/E-Cigarette Industry Source

No

Declaration of interest

The submitter declares that during the past 5 years have a direct nor indirect link (professional*, personal or financial) with the tobacco and e-cigarette companies**

No