

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



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

Submission form

Poster & oral presentation

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Background information

Type of submission

Oral

Theme of conference

Patterns of use

Keywords

Health promotion, health education

Smoking cessation

Trajectories of users

Abstract title

Use of pod device e-cigarettes in the Cessation of Smoking Trial in the Emergency Department

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Abstract details (poster & oral)

Background, method, results and conclusions

Background: Tobacco smoking is the leading cause of years of life lost in the UK, and negatively impacts significantly on physical health conditions and recovery outcomes from injury or surgery. Currently, smoking prevalence is recorded at approximately 15% of the population, but this masks substantial variation between different population groups. PPI work demonstrates that prevalence of smoking for people attending the emergency department is approximately 24%. Most current smokers will, if asked, state that they want to quit, but need support. To date there have been no RCTs of smoking cessation support in the ED setting using e-cigarettes, which potentially provides a highly motivating opportunistic route to intervention.

Methods: A randomised controlled trial (RCT) (Clinicaltrial.gov NCT04854616) comparing a brief intervention (including brief advice, provision of an e-cigarette and referral to smoking cessation services), compared to usual care. The primary outcome is smoking cessation, self-reported as continuous smoking abstinence, biochemically confirmed at 6 months. The sample size is 972.

Results: It is feasible and acceptable to recruit to a smoking cessation trial in the ED setting. The e-cigarette intervention was well received by both staff and participants. By November 2022 we will be

able to share the 1, 3 and 6 month overall smoking point prevalence and rate of e-cigarette usage to provide an insight into the trajectory of e-cigarette use, both immediately on switching from tobacco use, and over time. We will also be able to share insights into the recruitment methods and initial insights from the process evaluation to explore individual trajectories of e-cigarette use within a trial.

Conclusion: the COSTED trial will provide an important insight into the trajectory of e-cigarette usage in the 6 months following a brief intervention and provision of an e-cigarette.

Main messages

The Cessation of Smoking Trial in the Emergency Department involves provision of an e-cigarette during an emergency department attendance and thus provides e-cigarette usage data over the next 6 months providing valuable trajectory data.

Type of study / research

Quantitative

Geography of the study

Europe

Funding of study

Federal source

Yes

State source

No

Nonprofit Grant Funding Entity Source

No

Nonprofit Grant Funding Entity Source

No

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