

Call for posters - “International conference on the E-Cigarette: patterns of use and health impacts”



Call for posters

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

Submission form

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NB: Please fill out one form for each abstract

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Background information

Theme of conference

Patterns of use

Keywords (please select 3 keywords to confirm your choice)

Dual user

Patterns of user

Perceptions, representations, beliefs

Abstract title

E-cigarette (EC) and heated tobacco product (HTP) use among people who do and do not smoke combustible tobacco in an emerging EC and HTP market

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Abstract details

Background, method, results and conclusions

Evidence suggests that e-cigarettes (ECs) can help people to quit smoking, but there is growing concern that people who have previously never used combustible tobacco may use them. ECs and heated tobacco products (HTPs) have grown in popularity among adults in the Middle East in recent years. While some countries are moving to restrict the sale of ECs, in 2019 the UAE officially legalized their sale. Since these products came to market, few studies about their use have been conducted. This study investigates associations between EC and HTP use, current smoking status and other

sociodemographic characteristics in the UAE.

Cross-sectional combustible tobacco, EC and HTP use data from the UAE Healthy Future cohort study baseline assessment was analyzed. Data was collected from 2016 – 2022, with the EC and HTP tobacco data collection beginning in 2019. Associations between 1) EC use and 2) HTP use with current combustible tobacco use were adjusted for age, sex, and education.

The mean age (SD) of the sample was 28.5 (8.3) years. The majority of combustible tobacco users were men (91.3%) and slightly older (mean age= 29.0, SD=7.1, $p<0.001$) than non-users. 57% of combustible tobacco users used more than one type of tobacco regularly. EC use was associated with current combustible tobacco use in both crude and adjusted analyses (OR= 17.7, [95% CI: 13.4 – 23.5], OR = 24.5, [95% CI: 15.6 – 38.5]). Additionally, EC use was associated with being male, younger and at least college educated. Similar associations were found for HTP use; current tobacco use was associated with ever use of HTPs even after adjusting for sex, age and education.

Combustible tobacco use in the Middle East is high, particularly among men and young people. People in this study were more likely to use ECs than HTPs. Early results from this study suggest that people who currently use combustible tobacco in the UAE are more likely to use ECs and HTPs than people who do not currently smoke.

Main messages

Recent introductions of ECs and HTPs into new markets present an opportunity for harm reduction, but there is concern about initiation of use among people who did not previously smoke combustible tobacco. Results here show this may not be the trend.

Type of study / research

Quantitative

Geography of the study

Outside 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

Yes

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