

# 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

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### Background information

#### Type of submission

Oral

#### Theme of conference

Patterns of use

## Keywords

Epidemiology

Patterns of user

Vulnerable populations

## Abstract title

E-cigarette Use and its Associated Factors Among a Sample of Romanian Pregnant Smokers and Ex-smokers

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## Abstract details (poster & oral)

## Background, method, results and conclusions

Background: This study measured the prevalence of ever and current e-cigarette use and identified their associated factors in a sample of Romanian pregnant smokers and ex-smokers.

Methods: Data was selected from Quit Together Randomized control trial (RCT) in Romania. There were 316 pregnant smokers and former smokers enrolled between 2016 and 2019 in the formative and baseline phases. A structured questionnaire was used to collect information by research assistants in clinics at the formative phase, and by self-administered approach through the study website at baseline. Results: Ever e-cigarette use was reported by 122 (41.2%) of participants. Of the ever users, 42 (34.4%) were current users. A total of 249 (84.4%) women attempted to quit smoking, of which 100 (40.2%) ever used e-cigarette, and 35 (14.1%) used e-cigarettes at their last attempt to quit. Among current users, 21.4% were using it daily. E-cigarette was used by 54.8% of women to help them to quit cigarette smoking. Most of the current e-cigarette users (90.5%) were also smoking cigarettes (dual users). E-cigarette was perceived as not less harmful than cigarettes by 49.6% of the whole sample, 45.8% of the women who ever used e-cigarettes and 31.0% of the current e-cigarette users. Factors associated with ever using e-cigarettes were education bachelor or below, partner's smoking, moderate to high nicotine dependence. Current e-cigarette use was only associated with the reduced harm perception. Conclusions: High percentage of pregnant women ever used e-cigarettes and a worrisome percentage of current users are cigarette smokers (dual users). Although half of the current users reported using e-cigarette to help them to quit, they did not report lower level of cigarette smoking than that before pregnancy. Disagreeing that e-cigarette is less harmful than cigarettes was much lower among current e-cigarette users compared to other women who ever tried it but are not currently using it.

## Main messages

E-cigarette is not less harmful than cigarettes. There is an urgent need for educational programs and educational sessions by health care workers to encourage pregnant smokers and e-cigarette users to quit tobacco of all kinds.

## 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