

# 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 or poster

## Theme of conference

Patterns of use

## Keywords

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Dual user

Trajectories of users

## Abstract title

Adolescents (15-18 years old) in the narratives of experimentation/use trajectories: structuring factors and their effects on transitions between vaping and smoking

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## Abstract details (poster & oral)

### Background, method, results and conclusions

**Background.** The trajectories of experimentation/use and their effects are important factors to study : the entry/resistance to the entry in vaping and/or smoking (users vs. non-users), the relapse (ex-users), the dual-use; the potential gateway effect, the direction of dual-use.

**Methods.** From a critical ethnographic posture, the study conducted with teenagers in two high schools (St-Etienne, France), combines 21 individual interviews, and a short self-questionnaire (n=493) to assess socio-demographic characteristics. **Results.** Three factors structuring trajectories were observed. (1) The role attributed to vaping (transitional object, therapeutic virtue) and smoking (reduction of negative affects, harmful to health), (2) the associated risk perceptions (of health risk and nicotine dependence) and (3) expectations (negative or positive consequences). Seven trajectories were found: (1) abstinence (non-users) and (2) relapse resistance (ex-users) resulting from the undifferentiated perception of the addiction and health risks associated with both smoking and vaping ; exclusive use, characterized more by (3) single smoking users than (4) single vaping users and of (5) relapse (ex-users) ; the unidirectional dual-use trajectories, marked more by (5) smoking prior to vaping (reverse gateway effect) than by (6) smoking subsequent to vaping (with potential gateway effect), are less frequent than the (7) bidirectional double-uses. Problematic, these are due of occasional dual-users who, although they seem to present a smoking reference identity of smoker or vaper, switch to "vaping-smoking" or "smoking-vaping", depending on the circumstances/contexts. However, the abstainers/resisters in a precariousness socio-ecological context present a vulnerability that exposes them to one or other of these trajectories. **Conclusion.** Focus future research on studying strategies that can help vulnerable non-users/ex-users better resist the experience of the first vaping/smoking scenario.

### Main messages

To better understand the factors structuring the trajectories of abstinence/resistance, in order to build prevention acts adapted to the control of socio-ecological and individual vulnerability factors.

### Type of study / research

Original study

### 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**

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