

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

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Abstract title

Tobacco and e-cigarette use among French adolescents. Prevalence, trends and associations: where we are in 2022?

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Abstract details (poster & oral)

Background, method, results and conclusions

Background: The strengthening public tobacco control policies in France has reinforced the decline and the denormalisation of smoking in France. Moreover, the pandemic-induced lockdowns may have impacted tobacco smoking behaviours. Simultaneously, e-cigarette and vaping devices have gained

increasing popularity among youth. Updated figures are needed to assess trends and better define users' profiles, and entangle the relationship of e-cigarette use with tobacco initiation, cessation or future relapses.

Method: we refer to the ESCAPAD survey (Survey on Health and Substance Use), a cross-sectional, nationally representative survey that collects data on substance use among French adolescents aged 17. We utilize the surveys containing e-cigarette information from 2014 (n=22023), 2017 (n=39115), and take advantage of the latest survey conducted in March 2022 (n=23000).

latest available results: 25.1% of adolescents were daily tobacco smokers in 2017, whereas 52.4% reported lifetime e-cigarette use (53.3% in 2014), 16.8% any past month use (22.1%); daily use was rare at 1.9% (2.5%). Both tobacco and e-cigarette use are gendered-defined, with males showing higher prevalence of use. More than half of daily e-cigarette users indicated that they also smoked cigarettes on a daily basis. The first use of e-cigarettes occurs on average at 15.5 years of age, a year later than first cigarette use. Most adolescents who had tried both substances had already smoked cigarettes before they tried an e-cigarette (71.3%). A multivariate analysis based on 2017 data mitigated prior findings stating that e-cigarette increase the odds of tobacco smoking.

Conclusions: In 2017, daily tobacco and the use of e-cigarette among French adolescents remain high, especially among males. To date, the use of e-cigarette remains strongly associated with cigarette use. However, unlike studies conducted in other Western countries, we found no evidence of e-cigarette use triggering tobacco use.

Main messages

The use of tobacco and e-cigarette among French adolescent remain a public health issue. Five years after, the new ESCAPAD survey gives the opportunity to make an epidemiological assessment of e-cigarette use among adolescent population in 2022.

Type of study / research

Quantitative

Funding of study

Federal source

No

State source

Yes

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