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 or poster

Theme of conference

Patterns of use

Keywords

Epidemiology   Perceptions, reprentations, beliefs   Youth

Abstract title

Survey of Smoking Behavior, Perception and General knowledge regarding E-cigarette among Medical Students in Thailand.

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Abstract details (poster & oral)

Background, method, results and conclusions

A quantitative survey was conducted among medical students from 23 medical schools in Thailand. Online self- administered questionnaires, comprising 5 sections (43 items) including socio demographic data, data related to smoking and electronic cigarette use, awareness, perception and general knowledge were used. Chi-square test was used to compare categorical data. Odds Ratio (OR) and 95% confidence interval (CI) were calculated.

Of 472 responses, there were 99 (20.97%) electronic e-cig users in which 40 students (40.4%) were current users with 10 of them being users of both e-cigs and cigarettes. There were 4 current

conventional cigarette smokers (0.85%).
In the awareness section, the average score of current e-cig users is higher than that of the students who had never smoked e-cig or conventional tobacco (OR 1.483 ,95%CI 1.212-1.816 p-Value 0.016) The group of participants who were current e-cig users or had used e-cig has higher average score than that of the 'never smokers' of both e-cig and cigarettes (OR = 1.319, 95%CI 1.126-1.545 p-Value 0.023) Current e-cig users also had higher average score than the 'never smokers' in the perception section (OR =2.139, 95%CI 1.841-2.486 p-Value <0.00) For general knowledge, those who had used e-cig and current users of e-cig scored higher average scores than those who never smoked e-cig or cigarettes (OR = 1.274, 95%CI = 1.274 - 1.063 p-Value 0.008). For patterns of use, we found that the length of usage in those who used both e-cig and conventional cigarettes is longer than the length of usage in those who quitted conventional cigarettes and switch to e-cig. (OR 3.859, 95%CI 1.101-13.530)

E-cig is indeed used in some medical students, and thus, implementation of effective anti-smoking campaigns and smoking cessation programs are required in Thai medical students and must take into account that many users are already equipped with awareness, perception and general knowledge about the danger of e-cig.

Main messages

There is a rising popularity of electronic cigarette (e-cig) use among the youths in Thailand. We aimed to investigate the prevalence, awareness, perception, and general knowledge regarding e-cig use among medical students in Thailand.

Type of study / research

Quantitative

Geography of the study

Outside Europe

Funding of study

Federal source

No

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