

E-cigarettes manuscript Supplementary File

E-cigarettes related knowledge, attitude & practice among adolescents and adults in Saudi Arabia in 2021- Study Questionnaire

Personal data:

1- **Age** (in years)

2- **Gender**

A- Male

B- Female

3- **Level of education**

A- Postgraduate

B- University

C- School

4- **Income**

A- Enough and exceed needs

B- Enough

C- Not enough

D- Not enough and borrow

5- **Where are you from?**

A- Riyadh

B- Outside Riyadh

please specify

6- **Do you currently smoke?**

A- Yes

B- No

C- Quit/quitting smoking

7- **Where have you heard of E-cigarettes?**

A- Friends

B- TV

C- Social media

D- Family

E- University/school

F- Doctors

G- Center for smoking cessation

8- **Do you have a family member or relative who use E-cigarettes?**

A. Yes

B. No

Knowledge:**9. What do you think about the following statements?**

No.	Statements	True	False	I do not know
1)	E- cigarettes are approved by Saudi food and drug authority			
2)	Swallowing the liquid in E-cigarettes accidentally can cause poisoning that is potentially fatal			
3)	E-cigarettes are not associated with lung cancer			
4)	E-cigarettes are associated with bladder cancer			
5)	E-cigarettes impair lung and heart function			
6)	E-cigarettes vapor has an effect on fetal development			
7)	Harmful flavorings and toxins are found in E-cigarettes aerosol			
8)	E-cigarettes are harmless			
9)	E-cigarettes are addictive			
10)	E-cigarettes has less side-effects than regular cigarettes			
11)	E-cigarettes carcinogenic component is less than the regular cigarettes			
12)	E-cigarettes are suitable for pregnant women			
13)	E-cigarettes are suitable for children			
14)	E-cigarettes vapor affect people surrounding the smoker			

Attitude:**10. What do you think about the following statements?**

No.	Statements	Strongly agree	Agree	Neutral	Disagree	Strongly disagree
1)	The use of e-cigarette should be allowed in all places					
2)	A person who uses E-cigarettes should be considered as a non-smoker					
3)	E-cigarettes should be recommended to a nonsmoker who wants to try safe smoking					
4)	The government should restrict the use of E-cigarettes					
5)	e-cigarettes are not embarrassing like regular smoking					
6)	Women and girls can use e-cigarettes					
7)	Smoking e-cigarette makes people “fit in” and feel “cool”					
8)	It is socially acceptable to smoke E-cigarettes, compared to traditional cigarettes					
9)	E-cigarettes should be used as a replacement for regular cigarettes					
10)	It is acceptable to experiment with E-cigarettes for pleasure					
11)	E-cigarettes can help people cut down on cigarettes or quit smoking					
12)	I have no problem to try e-cig if offered by a friend					

Practice:

11. Do you currently use E-cigarettes?

- A. Yes
- B. No

If yes,

1- How long have you been using E-cigarettes?

12. How frequently do use e- cigarettes?

- A- Daily
- B- Not daily
- C- Do not know

2- What percentage of nicotine do you usually use in your e-cigarettes?

- A- I don't know
- B- No nicotine
- C- 2%
- D- 5%
- E- Other, please specify

3- Which of the e-cigarette flavors do you use?

- A- Coffee flavor
- B- Mint flavor
- C- Fruit flavor
- D- Mixed flavors
- E- No flavor
- F- Other, please specify

4- What made you start using E-cigarettes?

	Reasons	Yes	No
A	Better taste than regular cigarettes		
B	Social smoking (with friends or family)		
C	Stress		
D	Depression		
E	Peer pressure		
F	To quit smoking of regular cigarettes		
G	Believe its healthier than regular cigarettes		
H	To follow a trend		
I	Entertainment effect (relaxant, etc..)		
J	Cheaper than regular cigarettes		

Other reason, please specify

5- Have you experienced any of the following symptoms after using the E-cigarettes?

	Symptoms	Yes	No
A.	Bad breath		
B.	Change in your gums		
C.	Loss of teeth/change in your teeth color		
D.	Change in your voice		
E.	headaches		

6- How is your E-cigarettes use frequency during COVID-19 pandemic?

- A- I started using e-cigarettes during the pandemic
- B- Same as before the pandemic
- C- Increased frequency during the pandemic
- D- Decreased frequency during the pandemic
- E- I did not use E-cigarettes during the pandemic

12. What do you think the reasons for start using/increase in frequency of e-cigarettes use during the COVID-19 pandemic?

- A- Stress
- B- Depression
- C- Loneliness
- D- Anxiety
- E- Reduced activities
- F- For entertainment purposes
- F- Other, please specify

13. What do you think the reasons for stop using/decrease in frequency of e-cigarettes use during the COVID-19 pandemic?

- A- Financial reasons
- B- Fear of COVID-19 complications in case got infected
- C- Avoid side effect
- D- Prefer to use it with friends
- G- Other, please specify

14. Would you ever promote or recommend the use of E-cigarettes to other people if you got the chance to?

- A- Yes
- B- No
- C- I do not know