

Table 1: Frequency distribution of E-cigarettes knowledge responses among participants

Knowledge question	Responses	N	%
		898	100
E-cigarettes are associated with bladder cancer	False - Wrong Answer	257	28.6
	True - Correct Answer	641	71.4
E-cigarettes are NAFDAC Approved	True - Wrong Answer	508	56.6
	False - Correct Answer	390	43.4
Some flavors of E-cigarettes are more harmful	False – Wrong answer	327	36.4
	True – Correct answer	571	63.6
Swallowing the liquid in E-cigarettes accidentally can cause poisoning that is potentially fatal	False - Wrong Answer	288	32.1
	True - Correct Answer	610	67.9
E-cigarettes are not associated with lung cancer	True - Wrong Answer	506	56.3
	False - Correct Answer	392	43.8
E-cigarettes may impair lung functions	False – Wrong answer	178	19.8
	True – Correct answer	720	80.2
E-cigarettes do not contribute to second hand smoking	True - Wrong Answer	529	59.0
	False - Correct Answer	369	41.0
E-cigarettes can have an effect on fetal development	False - Wrong Answer	254	28.3
	True - Correct Answer	644	71.7
E-cigarettes may impair heart functions	False - Wrong Answer	176	19.6
	True - Correct Answer	722	80.4
Harmful flavorings and toxins are found in the E-cigarette aerosol	False - Wrong Answer	196	21.8
	True - Correct Answer	702	78.2
E-cigarettes are harmless	True - Wrong Answer	446	49.7
	False - Correct Answer	453	50.3
Some components of the liquid found in E-cigarettes can cause harmful lung conditions	False - Wrong Answer	213	23.7
	True - Correct Answer	685	76.3
E-cigarettes are not addictive	True - Wrong Answer	405	45.1

	False - Correct Answer	394	54.9
E-cigarettes are suitable for pregnant women	True - Wrong Answer	573	63.8
	False - Correct Answer	325	36.2
E-cigarettes are suitable for children	True - Wrong Answer	535	59.6
	False - Correct Answer	363	40.4
Overall Knowledge (Mean Score: 10.92±4.40)	Poor	393	43.8
	Good	505	56.2

Those with knowledge score 8–15 points were categorized as having good knowledge, and 0–7 points as poor knowledge. (Score range 0-15)

Table 2: Frequency distribution of E-cigarettes attitude responses among participants

Attitude questions	Responses	N	%
		898	100
Should E-cigarettes be recommended to a nonsmoker?	No - Positive Attitude	700	78.0
	Yes - Negative Attitude	198	22.0
Do you think E-cigarettes are harmful for health?	No - Negative Attitude	547	61.2
	Yes - Positive Attitude	351	38.8
Should the use of E-cigarettes be allowed in places that do not allow smoking?	No - Positive Attitude	709	79.0
	Yes - Negative Attitude	189	29.1
Would you consider someone who uses E-cigarettes a smoker?	No - Negative Attitude	619	68.9
	Yes - Positive Attitude	279	31.1
Do you think the use of E-cigarettes can lead to reliance?	No - Negative Attitude	547	61.2
	Yes - Positive Attitude	352	38.8
Do you think the government should regulate the use of E-cigarettes?	No - Negative Attitude	598	66.6
	Yes - Positive Attitude	300	33.4

Do you feel more comfortable using or openly talking about smoking E-cigarettes, compared to cigarettes?	No - Negative Attitude	661	73.6
	Yes- Positive Attitude	237	26.4
Do you feel it is more socially acceptable to smoke E-cigarettes, compared to cigarettes?	No - Negative Attitude	607	67.6
	Yes- Positive Attitude	291	32.4
Should E-cigarettes be used as a replacement for regular cigarettes?	No - Negative Attitude	646	71.9
	Yes - Positive Attitude	252	28.1
Do you think it is acceptable to experiment with E-cigarettes for pleasure?	No - Positive Attitude	676	75.3
	Yes - Negative Attitude	222	24.7
Do you think using E-cigarettes would be an effective way to help in smoking cessation?	No - Negative Attitude	645	72.9
	Yes - Positive Attitude	253	27.1
Do you think it is acceptable to use E-cigarettes as a smoking cessation method?	No - Negative Attitude	673	74.9
	Yes - Positive Attitude	225	25.1
Do you think E-cigarettes can help people cut down on cigarettes or smoking?	No - Negative Attitude	670	74.6
	Yes - Positive Attitude	228	25.4
Overall Attitude (Mean Score:6.59±1.24)	Negative	475	52.9
	Positive	423	47.1

Those with attitude score 7–13 points were categorized as having good attitude, and 0–6 points as poor attitude. The mean attitude scores were utilized for bivariate associations. (Score range 0-13)