

Supplementary table 1. Univariate logistic regression analysis of factors affecting the perception of "e-cigarettes could be a 'gateway' to other tobacco use " among medical staff in respiratory department in Fujian Province in 2021 (N=1028)

E-cigarettes could be a 'gateway' to other tobacco use . ("agree")			
Characteristics	No. (%)	OR (95%CI)	P
Gender			
Female	520 (69.1)	1	0.003
Male	217 (78.6)	1.64 (1.18-2.28)	
Age			
20-34	461 (68.6)	1	0.002
35-49	239 (78.1)	1.63 (1.19-2.24)	
≥50	37 (74.0)	1.30 (0.68-2.50)	
Education			
Junior college or below	276 (68.1)	1	0.192
Undergraduate	340 (72.2)	1.21 (0.91-1.62)	
Postgraduate or above	121 (79.6)	1.82 (1.17-2.85)	
Medical staff type			
Nurse	396 (68.3)	1	0.006
Physician	341 (76.1)	1.48 (1.12-1.96)	
Hospital level			
Tertiary grade A hospital	407 (72.0)	1	0.693
Tertiary grade B or C hospital	112 (70.4)	0.93 (0.63-1.36)	
Secondary grade/Private/ Other hospital	218 (71.7)	0.98 (0.72-1.34)	
Cessation clinic			
No	450 (69.3)	1	0.029
Yes	287 (75.7)	1.38 (1.03-1.84)	
Professional titles			
Junior	398 (67.5)	1	0.045
Intermediate	199 (74.3)	1.39 (1.01-1.92)	
Senior	140 (82.4)	2.25 (1.46-3.46)	

Index definition: E-cigarettes could be a 'gateway' to other tobacco use It is believed that e-cigarettes may make young people who do not smoke eventually become consumers of traditional cigarettes.

Supplementary table 2. Univariate logistic regression analysis of factors affecting the perception of "e-cigarettes are in 'Three No' states" among medical staff in respiratory department in Fujian Province in 2021 (N=1028)

Characteristics	E-cigarettes are in 'Three No' states. ("agree")		<i>P</i>
	No. (%)	OR (95%CI)	
Gender			
Female	479 (63.7)	1	
Male	232 (84.1)	3.01 (2.11-4.29)	< 0.001
Age			
20-34	434 (64.6)	1	
35-49	238 (77.8)	1.92 (1.40-2.62)	< 0.001
≥50	39 (78.0)	1.94 (0.98-3.87)	0.058
Education			
Junior college or below	237 (58.5)	1	
Undergraduate	350 (74.3)	2.05 (1.54-2.73)	< 0.001
Postgraduate or above	124 (81.6)	3.14 (1.99-4.95)	< 0.001
Medical staff type			
Nurse	352 (60.7)	1	
Physician	359 (80.1)	2.61 (1.96-3.48)	< 0.001
Hospital level			
Tertiary grade A hospital	387 (68.5)	1	
Tertiary grade B or C hospital	110 (69.2)	1.03 (0.71-1.51)	0.869
Secondary grade/Private/Other hospital	214 (70.4)	1.09 (0.81-1.48)	0.563
Cessation clinic			
No	421 (64.9)	1	
Yes	290 (76.5)	1.77 (1.32-2.35)	< 0.001
Professional titles			
Junior	370 (62.7)	1	
Intermediate	203 (75.7)	1.86 (1.34-2.57)	< 0.001
Senior	138 (81.2)	2.56 (1.69-3.90)	< 0.001

Index definition: E-cigarettes are in 'Three No' states China's e-cigarettes are in the state of "three noes". It means that there is no product standard, no quality supervision, and no safety evaluation.