Prevalence and associated factors of experimentation with and current use of water pipes and electronic cigarettes among medical students: a multicentric study in Brazil

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Table S1. Sample of the students from Brazilian medical schools who completed the questionnaire, distributed by institution and geographic regions.[a]

Geographic region	University, city	n/N
Southeast	Universidade de São Paulo, São Paulo	173/1,080
	Universidade Cidade de São Paulo, São Paulo	127/1,056
	Universidade Federal do Rio de Janeiro, Rio de Janeiro	58/1,152
South	Universidade Federal de Santa Catarina, Florianópolis	16/600
	Universidade Federal de Pelotas, Pelotas	32/600
Central-West	Universidade Federal de Mato Grosso, Cuiabá	82/480
	Escola Superior de Ciências da Saúde, Brasília	61/480
North	Universidade do Estado do Amazonas, Manaus	138/720
	Universidade do Estado do Pará, Belém	13/600

n/N: responders/overall expected number of students during the undergraduate medical course. [a]Only *Universidade Cidade de São Paulo* is private.

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Table S2. Current use of cigarettes, water pipes, and electronic cigarettes.

Variable	Current use					
	Cigarette		Water pipe		Electronic cigarettes	
	Crude OR (95% CI)	Adjusted OR (95% CI)	Crude OR (95% CI)	Adjusted OR (95% CI)	Crude OR (95% CI)	Adjusted OR (95% CI)
Sex	p < 0.001	p < 0.001	p = 0.189	p = 0.017	p = 0.960	p = 0.534
Male	1.00	1.00	1.00	1.00	1.00	1.00
Female	0.31 (0.17-0.56)	0.22 (0.11-0.44)	0.73 (0.46-1.17)	0.53 (0.31-0.89)	0.97 (0.36-2.64)	0.69 (0.22-2.21)
Skin color	p = 0.128	p = 0.654	p = 0.100	p = 0.379	p = 0.179	p = 0.336
White	1.00	1.00	1.00	1.00	1.00	1.00
Non-White	0.53 (0.24-1.20)	0.80 (0.31-2.10)	0.57 (0.29-1.11)	0.72 (0.34-1.51)	0.25 (0.03-1890)	0.34 (0.04-3.08)
Age group, years	p = 0.201	p = 0.495	p = 0.745	p = 0.203	p = 0.018	p = 0.002
15-19	1.00	1.00	1.00	1.00	1.00	1.00
20-24	2.12 (0.64-7.05)	1.40 (0.40-4.95)	0.75 (0.36-1.53)	0.60 (0.28-1.27)	0.21 (0.07-0.63)	0.12 (0.04-0.40)
25-29	2.76 (0.78-9.77)	2.11 (0.55-8.10)	0.77 (0.34-1.71)	0.60 (0.26-1.43)	0.15 (0.03-0.77)	0.10 (0.02-0.58)
Monthly family income, number of times the Brazilian national minimum wage	p = 0.358	p = 0.698	p < 0.001	p = 0.027	p = 0.393	p = 0.732
1-5	1.00	1.00	1.00	1.00	1.00	1.00
6-10	0.60 (0.25-1.45)	0.60 (0.23-1.59)	1.87 (0.78-4.49)	1.54 (0.62-3.85)	1.81 (0.33-10.03)	1.38 (0.23-8.47)
11-19	1.11 (0.52-2.35)	1.05 (0.44-2.51)	3.53 (1.57-7.93)	2.79 (1.20-6.48)	1.69 (0.31-9.36)	1.22 (0.20-7.41)
≥ 20	1.48 (0.69-3.19)	1.15 (0.47-2.80)	4.37 (1.91-9.99)	3.19 (1.34-7.63)	3.58 (0.71-18.03)	1.76 (0.32-9.81)
Geographic region	p = 0.048	p = 0.092	p = 0.204	p = 0.351	p = 0.359	p = 0.429
South	1.00	1.00	1.00	1.00	1.00	1.00
Southeast	0.84 (0.28-2.51)	0.38 (0.11-1.31)	2.10 (0.49-9.07)	1.26 (0.27-5.86)	0.94 (0.12-7.50)	0.32 (0.03-3.37)
Central-west	0.31 (0.08-1.17)	0.22 (0.05-0.97)	2.89 (0.65-12.98)	3.08 (0.66-14.49)	0.67 (0.07-6.65)	0.75 (0.06-9.18)
North	0.24 (0.06-0.95)	0.28 (0.06-1.27)	0.95 (0.20-4.62)	1.42 (0.27-7.31)	0.21 (0.01-3.39)	0.17 (0.01-3.57)
Type of institution	p = 0.007	p = 0.012	p = 0.007	p = 0.002	p = 0.074	p = 0.104
Public	1.00	1.00	1.00	1.00	1.00	1.00
Private	2.29 (1.26-4.17)	2.77 (1.26-6.13)	2.05 (1.22-3.46)	2.90 (1.46-5.77)	2.68 (0.96-7.52)	3.20 (0.79-12.96)
Period of the medical course, semester	p = 0.049	p = 0.048	p = 0.128	p = 0.205	p = 0.686	p = 0.568
7-12	1.00	1.00	1.00	1.00	1.00	1.00
3-6	0.46 (0.23-0.91)	0.43 (0.20-0.90)	0.88 (0.53-1.46)	0.86 (0.51-1.46)	1.62 (0.52-5.03)	1.75 (0.53-5.81)
1-2	1.09 (0.56-2.13)	1.13 (0.53-2.39)	0.49 (0.24-1.02)	0.49 (0.23-1.05)	1.17 (0.28-4.98)	1.66 (0.36-7.68)
Has a friend who smokes	p < 0.001	p < 0.001	p = 0.003	p = 0.011	p = 0.021	p = 0.075
No	1.00	1.00	1.00	1.00	1.00	1.00

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Table S2. Current use of cigarettes, water pipes, and electronic cigarettes. (Continued...)

Variable	Current use					
	Cigarette		Water pipe		Electronic cigarettes	
	Crude OR (95% CI)	Adjusted OR (95% CI)	Crude OR (95% CI)	Adjusted OR (95% CI)	Crude OR (95% CI)	Adjusted OR (95% CI)
Yes	4.82 (2.32-10.01)	4.43 (2.00-9.81)	2.15 (1.31-3.57)	2.03 (1.17-3.50)	3.79 (1.07-13.41)	3.45 (0.89-13.38)
Has a parent who smokes	p = 0.080	p = 0.028	p = 0.032	p = 0.036	p = 0.408	p = 0.484
No	1.00	1.00	1.00	1.00	1.00	1.00
Yes	1.87 (0.93-3.78)	2.55 (1.11-5.87)	1.93 (1.06-3.53)	2.03 (1.04-3.93)	0.46 (0.06-3.55)	0.45 (0.05-4.27)
Has a sibling who smokes	p = 0.001	p = 0.017	p = 0.028	p = 0.054	p = 0.252	p = 0.112
No	1.00	1.00	1.00	1.00	1.00	1.00
Yes	3.26 (1.42-7.48)	3.36 (1.25-9.05)	2.41 (1.10-5.26)	2.32 (0.98-5.46)	2.43 (0.53-11.07)	3.92 (0.73-21.06)
Knowledge on the harms of smoking from medical school classes	p = 0.319	p = 0.339	p = 0.854	p = 0.775	-	-
No	1.00	1.00	1.00	1.00	-	-
Yes	2.08 (0.49-8.81)	2.15 (0.45-10.45)	0.92 (0.38-2.23)	0.87 (0.34-2.26)	-	-
Any health professional asked if you smoke	p = 0.001	p = 0.034	p = 0.093	p = 0.739	p = 0.606	p = 0.907
No	1.00	1.00	1.00	1.00	1.00	1.00
Yes	2.90 (1.57-5.35)	2.06 (1.05-4.01)	1.50 (0.94-2.40)	1.09 (0.65-1.83)	1.30 (0.48-3.53)	0.94 (0.31-2.86)