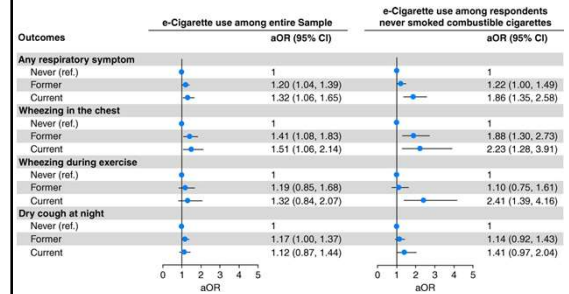


Emerging nicotine products, warning 2007: <https://doi.org/10.1136/bmj.39035.657095.94>
 Nicotine for fetus, infant, adolescent? <https://doi.org/10.1177/1359105307074240>
 The electronic cigarette: a wolf in sheep's clothing. <https://doi.org/10.1007/s00508-015-0753-3>
 Cardiovascular effects. <https://oap-lifescience.org/ijoe/article/1112>
 Tobacco and Alternative Nicotine Products. https://doi.org/10.1007/978-3-642-36206-4_124-1
 Heated Tobacco Products. <https://www.kup.at/kup/pdf/15104.pdf> (ÖGP, ÖGK, ÖGIM, ÖDG, KKL)

Banks et al. 2022 https://openresearch-repository.anu.edu.au/bitstream/1885/262914/1/Electronic_cigarettes_health_outcomes_review_2022_WCAG.pdf
Conclusive evidence that nicotine e-cigarettes and their constituents can cause poisoning, injuries and burns, acute toxicity through inhalation, including seizures; cause acute lung injury (EVALI), one in eight without THC and vitamin E acetate; cause hazardous waste, fires and indoor pollution with PM, nanoparticles, nicotine, etc.
Strong evidence that never smokers and non smokers who use e-cigarettes triple their risk to start smoking and become current tobacco smokers (or dual users).
Limited evidence that former smokers who use e-cigarettes are more likely to relapse.
Insufficient evidence that freebase nicotine e-cigarettes are efficacious (outside the clinical setting) for smoking cessation.
No evidence on nicotine salt products' efficacy for smoking cessation.

No proven health benefits, but proven and serious health risks with probable long term consequences

Confounding by combustible cigarettes was exaggerated by the vaping industry:



Association of e-cigarette use with respiratory symptom development among U.S. young adults, adjusted for age, sex, race, current use of cigar, cigarillo, pipe, hookah, marijuana, other recreational drugs, secondhand smoke exposure, and body mass index. Further adjusted for cigarette smoking status (never, former, current some days, or every day) for entire sample (representative cohort of U.S. people aged 18-24 yrs at baseline, followed one year). Associations even stronger in never smokers, presumably due to lower incidence rates in the reference group.

Xie et al. 2022, <https://doi.org/10.1164/rccm.202107-17180C>

True purpose of novel nicotine products is business with addicts and not harm reduction.
<https://tobaccotactics.org/wiki/uk-vaping-industry-association-ukvia/>
 Juul Labs, former market leader, is now fighting for its survival in the United States, tentatively agreed to pay \$438.5 million to settle an investigation over marketing and sales practices that they contend set off the nation's teenage vaping crisis.

WHO: Tobacco, novel and emerging nicotine products
<https://www.who.int/news-room/fact-sheets/detail/tobacco>
<https://fctc.who.int/publications/i/item/9241591013>

ERS supports the World Health Organization's Framework Convention on Tobacco Control, which also provides regulation to novel products, and **cannot** recommend tobacco harm reduction as a population-based strategy <http://bit.ly/2rxTZ5b>

Forum of International **Respiratory Societies** 2014: <https://doi.org/10.1164/rccm.201407-1198PP>
 Ecigs should be banned or restricted: closely regulated as medicines or tobacco products.

Int. Union against TB and **Lung Disease** 2022: Novel Products, Young People, and Policy.
<https://tabaco.ensp.fiocruz.br/sites/default/files/001417.pdf>

World **Heart Federation** 2021: <https://doi.org/10.5334/gh.1076>. Maintain e-cigs bans, ban flavors: use where smoking is banned, sale and distribution to minors, marketing, advertising, and misleading claims, apply excise taxes, more research on long-term effects.

5-3 Guideline (DG-Sucht) 2021: <https://www.awmf.org/leitlinien/detail/ll/076-006.html>

Cancer Council Australia 2022: Most ecig use: young people, attracted by flavors, not for quitting, triples the risk of smoking uptake in never-smokers, most in tandem with smoking (dual use).

Conclusions

Implement WHO-FCTC (prerequisite to achieve SDGs and human rights)

No „harm reduction“ by any product of the tobacco industry and its allies

Advertisement and free market trade should be banned (see Art. 5.3 FCTC)

Possible prescription for selected smokers

if intensive counseling with acknowledged pharmaceutical support failed, guided by specialist in nicotine cessation, which needs to stay the goal.

Thank you for attention and support



www.aerzteinitiative.at

47 countries with **E-cigarette Bans** 2022

01 Antigua and Barbuda	24 Nicaragua (complete)
02 Argentina	25 Oman
03 Australia (nicotine fluids need prescription)	26 Palestine
04 Bahrain	27 Panama
05 Barbados	28 Qatar (complete)
06 Bhutan	29 Seychelles
07 Brazil (updated Sep 2022)	30 Singapore (complete)
08 Brunei Darussalam	31 Sri Lanka
09 Cambodia (complete)	32 Suriname
10 Colombia	33 Syria
11 Costa Rica	34 Thailand
12 Ethiopia	35 Timor-Leste
13 Gambia (complete)	36 Turkey
14 India (complete)	37 Turkmenistan
15 Iran	38 Uganda
16 Japan (by proxy: nicotine fluids)	39 Uruguay
17 N. Korea (complete)	40 Vatican City (complete)
18 Kuwait	41 Venezuela
19 Lao PDR	42 Macao
20 Lebanon – Completely banned.	43 Bangladesh (pending)
21 Mauritius	44 Egypt
22 Mexico	45 Jordan
23 Nepal	46 Saudi Arabia (import)
	47 Hong Kong

ATHIS 2019: Konsum von Tabak- und E-Zigaretten

Geschlecht	Raucherstatus	Gesamt in 1.000	Konsum von E-Zigaretten			
			Ja, täglich	Ja, gelegentlich	Nein, aber früher	Nein, noch nie konsumiert
			in Prozent			
Männlich	Raucher (täglich)	852,9	1,3	5,8	16,5	76,4
	Raucher (gelegentlich)	238,0	1,9	4,4	11,9	81,8
	Ex-Raucher (früher täglich geraucht)	1037,9	1,8	1,2	3,4	93,5
	Nichtraucher	1495,2	0,0	0,6	1,0	98,4
	Gesamt	3623,9	1,0	2,2	6,1	90,7
Weiblich	Raucher (täglich)	675,3	1,1	5,8	11,2	82,0
	Raucher (gelegentlich)	177,6	0,3	3,4	7,9	88,4
	Ex-Raucher (früher täglich geraucht)	796,0	0,7	0,6	3,1	95,7
	Nichtraucher	2145,1	0,1	0,3	0,3	99,3
	Gesamt	3793,9	0,4	1,6	3,2	94,9
Gesamt	Raucher (täglich)	1528,2	1,2	5,8	14,2	78,8
	Raucher (gelegentlich)	415,5	1,2	4,0	10,2	84,6
	Ex-Raucher (früher täglich geraucht)	1833,9	1,3	0,9	3,3	94,5
	Nichtraucher	3640,3	0,1	0,4	0,6	98,9
	Gesamt	7417,9	0,7	1,9	4,6	89,9