

## **POST-PRINT**

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## **Editorial**

### **Duelling letters: which one would you sign?**

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Big Tobacco has got to be pretty pleased at the media storm over duelling letters sent by public health scientists and practitioners to the Director-General of the WHO concerning tobacco harm reduction and e-cigarettes. The first of these letters, with 53 signatories, argued in favour of including harm reduction strategies in WHO's approach to tobacco control and proposed a set of 10 guiding principles for formulating policy around nicotine products.<sup>1</sup> In response, a second letter was sent with 129

signatories, which emphasised the involvement of tobacco companies in the e-cigarette market and argued against exempting e-cigarettes from any provisions of the WHO Framework Convention on Tobacco Control (FCTC).<sup>2</sup>

As signers of the first and second letters, respectively, who found ourselves pressed to choose among positions with which each of us did not entirely agree, we are dismayed at the eagerness with which some on both sides have fanned the flames of division—and baffled at how the e-cigarette issue has consumed attention that should be directed to the real killer products: conventional cigarettes, the manufacturers of which continue business as usual (while buying up controlling interests in popular e-cigarette companies).

Harm reduction has long been a source of conflict in the tobacco control field, following the lasting damage from the tobacco industry's cynical 'lights' and 'low tar' cigarette scams.<sup>3</sup> Unlike strategies that focus solely on reducing smoking uptake and increasing quitting, encouraging smokers to switch to less harmful nicotine products (such as snus or e-cigarettes) could detract from existing strategies if smokers engaged in dual use of such products and conventional cigarettes rather than quitting; or if young non-smokers use e-cigarettes and then progress to combustible cigarettes via 'gateway' effects. Whether these potential adverse consequences would exceed the potential benefits (such as encouraging more smokers to stop smoking), is uncertain and likely to be influenced by how all nicotine products (including cigarettes) are regulated.

The duelling WHO letters have resulted in a public division among tobacco control advocates, between those who 'support' harm reduction approaches and those who 'do not'. Creating and exploiting this type of division over harm reduction was long ago identified as a goal of the major tobacco company Philip Morris.<sup>4</sup> But the apparent division between signatories on these letters likely represents a false dichotomy that obscures what could potentially be substantial areas of agreement. These include the need for e-cigarette regulation to improve quality control (including packaging and labelling), restricting advertising and prohibiting sales to minors. Including e-cigarettes under clean air policies also has widespread support, although some feel the precautionary principle should be set aside in favour of allowing behaviour that is likely less harmful than smoking. (In practice, communities with clean air laws are quickly ensuring that new sources of pollutants, even if safer than cigarettes, are not introduced.<sup>5</sup>)

Radical libertarians who disfavour government regulation of anything will argue that conventional cigarettes will die a natural death if the 'disruptive technology' of e-cigarettes is left to flourish. They see e-cigarettes as offering a universal solution that will end the tobacco epidemic. Such unbridled enthusiasm ignores the extensive history of tobacco industry innovation and deception.

Those who aggressively oppose e-cigarettes see them as a serious threat that could reverse the downward smoking prevalence trend in many countries, and fear that their sanction would renormalise tobacco use behaviours, undermine existing tobacco control measures and offer Big Tobacco new opportunities for hooking kids on nicotine.

However, there are also many like us on both sides, who occupy the middle ground. We see the likely effect of products like e-cigarettes as "somewhere in between, with both pros and cons to recommend or discourage their use."<sup>6,7</sup> For those in this larger middle group who do believe that the government has a reasonable role in protecting the public from dangerous products, it is clear that combustible cigarettes should no longer be widely and easily available. The historical record shows that the commercial manufacture, promotion and sale of cigarettes created an unprecedented industrially produced disease epidemic.<sup>8</sup> That is our biggest and most intractable problem, almost everyone agrees. What level of regulation is most appropriate for a product that is likely to be far less deadly than combustible cigarettes, yet is still addictive and may still entail some risk to users is less clear.

The rise of the e-cigarette market should not have taken anyone in public health by surprise as the development of inhaled novel nicotine products was anticipated by many tobacco control experts long before anyone coined the term 'e-cigarette'.<sup>7,9,10</sup> Similarly, many of the issues concerning the potential harms and benefits of e-cigarettes that are now being fiercely debated have been previously identified and discussed extensively at numerous conferences, symposiums and advisory committees stretching back nearly 20 years.<sup>11-19</sup> Yet despite around two decades of serious discussions, no country has managed to anticipate and develop a regulatory framework to address the concerns associated with e-cigarettes ahead of their arrival and mass uptake. Even in countries where legal barriers preclude their sale and use, such as Australia, internet shopping has resulted in a substantial black market of unregulated nicotine products.<sup>20</sup>

For good or ill, numerous nicotine products, including e-cigarettes, are now part of the tobacco control landscape. Rather than continuing policy debates about whether e-cigarettes should be 'supported' or 'opposed', it is time to maximise the opportunity these products may provide to leverage greater regulation of smoked tobacco. This should be done by explicitly linking e-cigarette regulation to the simultaneous 'endgame' dialogues occurring in many countries.<sup>21-26</sup> Every time e-cigarettes are discussed, we should make explicit links with conventional combusted cigarettes, linking any proposals for less stringent regulations of the former to proposals for more stringent regulation (or even phaseout of sales) of the latter. We should name the goal, which is ending the smoked tobacco epidemic, and consider how e-cigarettes (and other alternative nicotine products) could figure as part of a comprehensive strategy with the ultimate goal of eradicating use of combustible cigarettes.

While there are potential downsides to such an approach, the prospect of bringing the modern cigarette epidemic to a close in our lifetimes would be worth the risks. It is inconceivable that non-combusted nicotine products could cause premature deaths in the great numbers we know conventional cigarettes have caused. Perhaps the greatest contribution these alternative products may ultimately make is in providing further justification for phasing out the most harmful nicotine product: the cigarette. Similarly, their greatest risk to public health may be in diverting attention from making that goal a reality.

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