More than two thirds of the US population is obese or overweight, with worldwide obesity rates doubling since 1980. Obesity causes serious health risks including cardiovascular disease, diabetes and cancer (1). It is also associated with respiratory conditions like obesity hypoventilation syndrome, asthma and obstructive sleep apnoea (OSA). Obesity causes a 6-fold increase in OSA prevalence (2) and over the last two decades, has caused a rise in the prevalence of OSA to 10% in middle-aged male subjects (3).

Though smoking is still the leading cause of morbidity and mortality in almost every country in the world (4), it is only a matter of time until obesity will overtake this (5). The prevalence of smoking is decreasing in the western world, and is currently below 21% in United Kingdom (6). This fall was facilitated by one of the most quickly ratified worldwide health treaties in the history of the United Nations—the Framework Convention on Tobacco Control (7); and as a direct consequence of increasing, sustained and directed pressure from healthcare professionals.

In stark contrast to the measures taken against smoking, the UK government has recently rejected preventative policy to increase tax on sweetened drinks; justifying this by claiming it would raise the cost of living, and stating the causes of obesity as complex (8). This caps off already dismal progress on obesity curtailment over the last 5–10 years (9), and contrasts to the implementation of graphic health warning labels on cigarette packaging. These utilised fear and emotional response (10) to aggressively encourage smoking cessation and prevention.

The comparison between smoking and unhealthy eating is potentially more apt than public perception might suggest. Some studies have already demonstrated the addictive properties of sugar (11,12), with many health experts dubbing sugar the “new nicotine”. Given the relationship of obesity with sleep disorders, and especially OSA, the question arises as to whether we, as physicians, are playing our maximal part in preventing obesity.

Poor sleep quality and quantity is an increasing feature of modern societies, and along with traditional causes of obesity poor sleep can contribute to weight gain through complex interactions of high cortisol levels, increasing levels of appetite and altering hormone levels, such as Ghrelin (13). Poor sleep decreases basal metabolic rate by up to 30% (14), and further contributes to the development of obesity by affecting physical activity, mood and mental health. Paradoxically, weight gain is known to independently cause reduced sleep quality and daytime sleepiness (15,16), perpetuating a vicious cycle of poor sleep and weight gain.

In fact the impact of poor sleep quality itself is frequently unacknowledged by the medical profession (17). The burden of smoking prevention and cessation clearly lay upon public health and respiratory medicine, given the established relationship with lung cancer. However, the multi-factorial aetiology of obesity means responsibility to a single professional body is not so clear-cut and this may convolute the message and focus.

Are we doing enough to actively raise awareness about the consequences of poor sleep? Are we doing our part to educate fellow colleagues about the impact that poor sleep has on obesity?

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**Footnote**

Conflicts of Interest: The authors have no conflicts of interest to declare.

**References**

8. Introduce a tax on sugery drinks in the UK to improve our children’s health. Available online: https://petition.parliament.uk/petitions/106651