

Review of: "IQOS® Cross-Sectional and Cohort US Study Documentation"

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Potential competing interests: No potential competing interests to declare.

Heated tobacco products (HTPs) are a new type of tobacco product that differ from traditional combustible cigarettes. HTPs do not burn tobacco directly but instead heat it to release nicotine and other chemicals, providing a similar taste and sensory experience to traditional cigarettes with less harmful substances. A great deal of studies have demonstrated that HTPs emit significantly lower levels of harmful substances compared to traditional combustible cigarettes, thus partially meeting the demand of tobacco harm reduction. However, the potential health effects of HTPs are still a subject of considerable debate, prompting both scientific research institutions and tobacco companies to continue investigating the toxic components of HTPs. This study's large sample size, reasonable design, and extensive coverage make it somewhat representative. Due to the large sample size, certain results can be stratified, and in the *Quitting Behaviors* section of the study, it is necessary to distinguish between menthol vs. non-menthol Marlboro HeatSticks. Providing supplementary explanations for the classification would be necessary to assist readers to understand this work comprehensively.