

Journal Club

Electronic Cigarettes and Aldehyde Emissions

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Electronic cigarette use may be associated with significant exposure to toxic chemicals which may have adverse health effects. They produce high levels of aldehyde due to thermal decomposition of liquid component in dry puff conditions, in which the liquid overheats, causing a strong unpleasant taste that users detect and avoid. Of note: under normal vaping condition aldehyde emissions are minimal. (Farsalinos KE, Youdris V, Poulas K. E-cigarettes generate high levels of aldehydes. *Addiction* 2015, pg. 1-5. Doi:10.1111/add.12942)