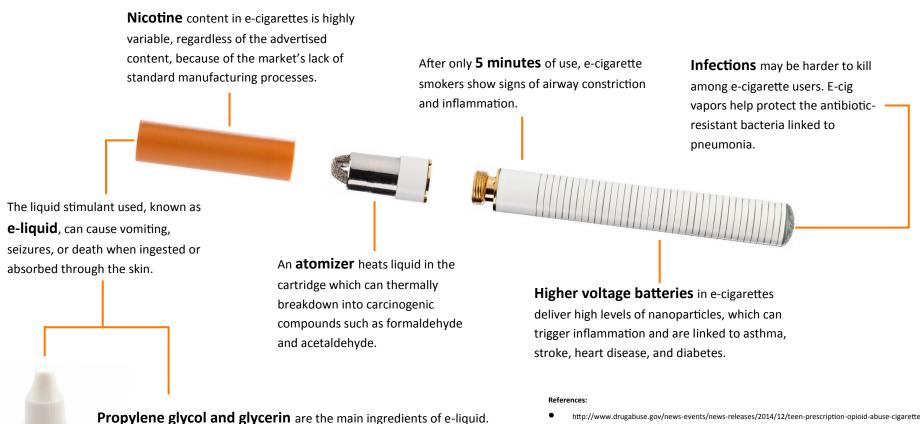
Up in Smoke: Deconstructing the Health Claims of E-Cigarettes



Electronic cigarettes, or e-cigarettes, have been growing in popularity in recent years. As traditional smoking has declined, use of e-cigarettes has increased among teenagers, surpassing traditional cigarettes. While touted as the "healthier" cousin of the traditional cigarette, e-cigarettes still pose great risk to users. No long-term studies exist on the risks of e-cigarette smoking, nor does the industry currently possess a regulated manufacturing process—addictive nicotine and an unregulated mix of chemicals plague e-cigarettes just as they do traditional cigarettes. The infographic seen below is meant to shed some light on the adverse events and risks e-cigarette users face.



- http://www.drugabuse.gov/news-events/news-releases/2014/12/teen-prescription-opioid-abuse-cigarette-alcohol
- Grana R, Benowitz N, Glantz SA. E-cigarettes: a scientific review. Circulation. 2014 May 13;129(19):1972-86. doi: 10.1161/CIRCULATIONAHA.114.007667. Review.
- Vardavas CI, Anagnostopoulos N, Kougias M, Evangelopoulou V, Connolly GN, Behrakis PK. Short-term pulmonary effects of using an electronic cigarette: impact on respiratory flow resistance, impedance, and exhaled nitric oxide. Chest. 2012 Jun;141(6):1400-6.
- Kosmider L, Sobczak A, Fik M, Knysak J, Zaciera M, Kurek J, Goniewicz ML. Carbonyl compounds in electronic cigarette vapors: effects of nicotine solventand battery output voltage. Nicotine Tob Res. 2014 Oct;16(10):1319-26.

These compounds are known to be eye and respiratory irritants when heated

and vaporized, and may also create carcinogenic compounds. If the e-liquid is

substituted with unregulated synthetic drugs the potential for harm is

amplified.