

Are women using e-cigarettes during preconception and/or pregnancy?

March 16 2020



Credit: Mary Ann Liebert, Inc., publishers

A new study of 1,365 racially/ethnically diverse, low-income pregnant women found that 4% reported e-cigarette use. White non-Hispanic women were more likely to use e-cigarettes compared to women who used conventional cigarettes or reported no tobacco product use, according to an article published in *Journal of Women's Health*.

The study entitled "Electronic Cigarette Use During Preconception and/or Pregnancy: Prevalence, Characteristics, and Concurrent Mental Health Conditions" also found that nearly one third of women who reported [e-cigarette use](#) had symptoms of depression in pregnancy, which was 4 times that of women who reported no tobacco product use and 2 times that of women who used conventional cigarettes. The long-term health effects of e-cigarettes are not known. However, most e-cigarettes contain nicotine, which is known to be a harmful reproductive and developmental agent. The coauthors of this study were L. G. Rollins, Ph.D. and colleagues from The Miriam Hospital, Alpert Medical School of Brown University, School of Public Health of Brown University, and the Centers for Disease Control and Prevention.

Susan G. Kornstein, MD, Editor-in-Chief of *Journal of Women's Health* and Executive Director of the Virginia Commonwealth University Institute for Women's Health, Richmond, VA, states: "E-cigarette use has not been shown to be safe during preconception and/or pregnancy, and screening for any type of tobacco product use is recommended. Not only can screening lead to cessation efforts, but Rollins et al. show that women who report [e-cigarette](#) use during pregnancy also have a greater likelihood of depressive symptoms, severe mental health conditions, and substance abuse."

More information: L.G. Rollins et al, Electronic Cigarette Use During Preconception and/or Pregnancy: Prevalence, Characteristics, and Concurrent Mental Health Conditions, *Journal of Women's Health* (2020). [DOI: 10.1089/jwh.2019.8089](https://doi.org/10.1089/jwh.2019.8089)

Provided by Mary Ann Liebert, Inc

Citation: Are women using e-cigarettes during preconception and/or pregnancy? (2020, March 16) retrieved 31 December 2022 from <https://medicalxpress.com/news/2020-03-women-e-cigarettes-preconception-andor-pregnancy.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.