

# 'Vast majority' of vaping illnesses blamed on vitamin E

December 20 2019, by Carla K. Johnson



This Friday, Dec. 20, 2019 image shows the official message on one of 44 websites seized by the U.S. Drug Enforcement Administration for advertising the sale of illicit THC vaping cartridges to U.S. consumers, as part of Operation Vapor Lock. (AP Photo)

Health officials now blame vitamin E acetate for the "vast majority" of cases in the U.S. outbreak of vaping illnesses and they say doctors should monitor patients more closely after they go home from the hospital.

The Centers for Disease Control and Prevention announced the updated advice Friday.

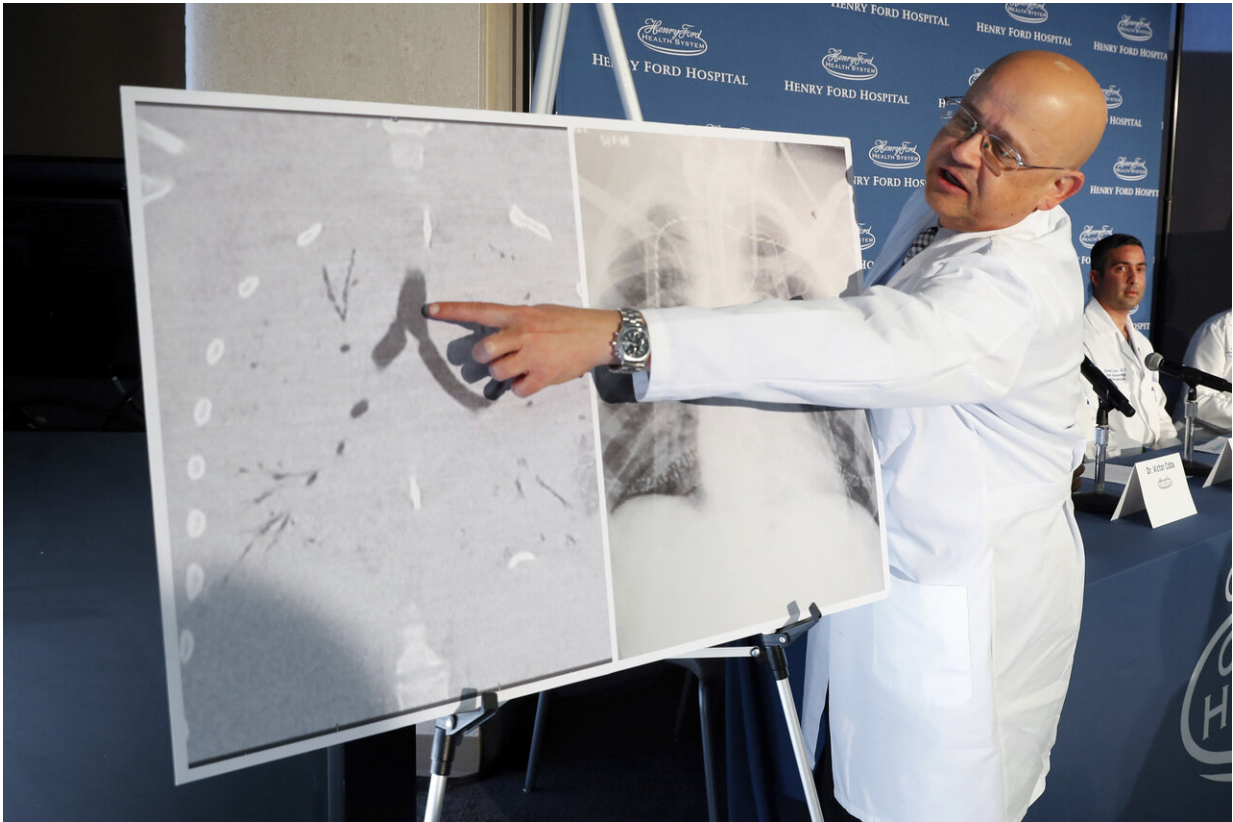
And, in a related move Friday, authorities investigating how patients obtained possibly tainted vape products said they have shut down 44 websites advertising the sale of illicit vaping cartridges containing THC.

The new medical advice is based on a close look at about 3% of vaping illness patients who returned to the hospital after discharge and seven who died after hospital discharge.

The study suggests that vaping illnesses can get worse, even deadly, after patients leave the hospital and doctors should check on patients within two days of sending them home.

The two-day followup after hospital discharge is shorter than the previous recommendation of one to two weeks.

Compared to other vaping illness patients, those who went back to the hospital were more likely to have chronic conditions such as diabetes, heart disease or other breathing problems such as sleep apnea. Those who died after hospital discharge were more likely to be 50 or older.



In this Tuesday, Nov. 12, 2019 file photo, Dr. Hassan Nemeh, surgical director of Thoracic Organ Transplant, shows areas of a patient's lungs during a news conference at Henry Ford Hospital in Detroit. A Henry Ford Health System medical team performed a double lung transplant for a patient whose lungs were irreparably damaged from vaping. On Friday, Dec. 20, 2019, the Centers for Disease Control and Prevention said vaping illnesses can get worse, even deadly, after patients leave the hospital and doctors should check on patients within two days of sending them home. (AP Photo/Paul Sancya)

The CDC also released new information that continues to point to a culprit: vitamin E acetate, a thickening agent that's been added to illicit THC vaping liquids. THC is the chemical in marijuana that makes users feel high.

A report published in the *New England Journal of Medicine* identified the substance in the lung fluid of 48 out of 51 vaping illness patients and did not find it in the lung fluid of healthy people. Vitamin E acetate also has been found in vaping product samples.

In the strongest language yet about what's caused the outbreak, Dr. Anne Schuchat of the CDC told reporters during a telephone briefing Friday that it is her "conclusion" that vitamin E acetate caused the illness in "the vast majority of patients."

The nation's outbreak of vaping-related lung injuries continues, but new cases are on the decline. More than 2,500 cases of vaping illness have been reported by all 50 states. There have been 54 deaths and more deaths are under investigation.

Interviews with patients and families led investigators to some of the websites that were shut down by the Food and Drug Administration and the Drug Enforcement Administration. The agencies did not announce any criminal charges.

The 44 website domains—with names including Stoners Marketplace and Anonymous Meds—now direct visitors to a message in red letters that says "This Site Has Been Seized."

Investigators have said they are not interested in taking action against individuals who use vaping products, and are focused instead on suppliers.

Some of the websites shut down were scam sites intended to collect money without ever mailing consumers any products, authorities said.

© 2019 The Associated Press. All rights reserved.

Citation: 'Vast majority' of vaping illnesses blamed on vitamin E (2019, December 20) retrieved 19 April 2024 from

<https://medicalxpress.com/news/2019-12-vast-majority-vaping-illnesses-blamed.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.