he Dangers of Vaping

RESEARCH FINDINGS AND RECENT CASES SHOW SEVERE LUNG ILLNESSES OR VAPING-ASSOCIATED PULMONARY INJURIES (VAPI) ARE LINKED TO E-CIGARETTE USE.

Electronic cigarettes and other vape devices are devices that deliver an aerosol to the user through inhalation by heating a liquid that usually contains nicotine,



Complications during Hospitalization

Approximately

50%

of Los Angeles County patients who were hospitalized for VAPI required

mechanical ventilation.

Nearly **L** in

cases reported in Los Angeles County are ages 25 and younger.²

Symptoms¹

Patients with VAPI injuries have experienced the following symptoms:

Respiratory

- Cough
- Hemoptysis
- (coughing up blood)
- Shortness of breath
- Chest pain

Gastrointestinal

- Nausea
- Vomiting
- Diarrhea
- Abdominal pain

Constitutional

- Fatigue or malaise
- Fever
- Weight loss
- Chills

Compounds/Additives Found in VAPI Cases

Includes, but not limited to:

- Cannabinoids (CBD)

- Nicotine
- Tetrahydrocannabinol (THC)
- Synthetic cannabinoids
- Flavorings and other substances

Ongoing Epidemiologic Investigations

The etiology of VAPI is undetermined and current epidemiologic investigations involves:

- Identification of harmful aspects of e-cigarette use
- Understanding the underlining mechanisms and causes

Among LA County High School Students³...

are current e-cigarette users

b % Rate of increase among e-cigarette users between 2015-16 to 2017-18.

15% Rate of current marijuana usehigher than any tobacco products.



Sources: ¹Layden, J. E., et al. (2019). Pulmonary illness related to e-cigarette use in Illinois and Wisconsin-preliminary report. New England Journal of Medicine ² http://publichealth.lacounty.gov/phcommon/public/media/mediapubdetail.cfm?unit=media&ou=ph&prog=media&cur=cur&prid=2141&row=25&start=1 ³ Zhu S-H, et al. (2019). Tobacco use among high school students in Los Angeles County: Findings from the 2017-18 California Student Tobacco Study. San Diego, California: Center for Research and Intervention in Tobacco Control (CRITC), University of California, San Diego. https://www.cdc.gov/tobacco/basic_information/e-cigarettes/severe-lung-disease.html

https://www.cdph.ca.gov/Programs/CCDPHP/Pages/RisksofVaping.aspx

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