

# VAPING

## The 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, flavorings, and other substances (e.g., marijuana).

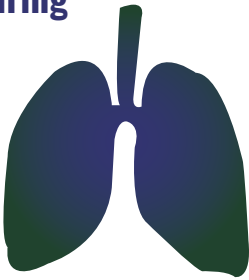


### Complications during Hospitalization

Approximately

**50%**

of Los Angeles County patients who were hospitalized for VAPI required mechanical ventilation.



Nearly

**2 in 3**



cases reported in Los Angeles County are ages 25 and younger.<sup>2</sup>

### Symptoms<sup>1</sup>

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:

- Nicotine
- Tetrahydrocannabinol (THC)
- Cannabinoids (CBD)
- 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 Students<sup>3</sup>...

**1 in 10**

are current e-cigarette users

**56%**

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

**15%**

Rate of current marijuana use—higher than any tobacco products.