

VAPING

IS VAPING HARMFUL?

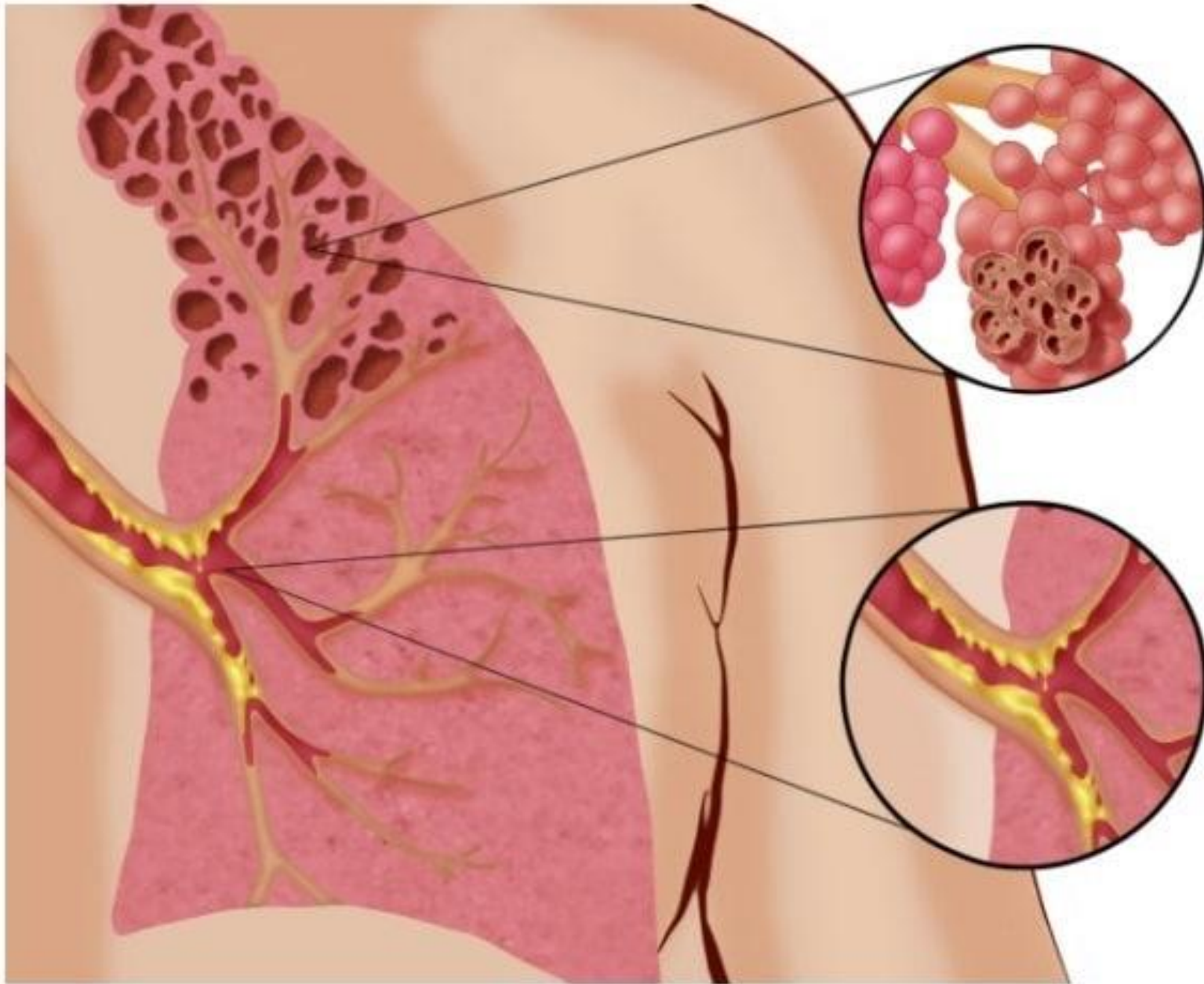
Here is some recent research:

- UNC- study
- There are 594 genes that support the immune system and aid in healing.
- Both vapers and smokers showed reduced activity in these genes.
- The astonishing part is vaping showed to have more adverse affects than smoking.

VAPING LOWERS THE BODY'S ABILITY TO FIGHT INFECTIONS

CHEMICALS IN VAPE SMOKE CAUSES “POPCORN LUNG”

- Harvard Univ. Study
- Popcorn lung – break down of small airways in the lungs causing a cough and trouble breathing.
- Common flavoring substances found in vape liquid caused permanent, and sometimes fatal scar buildup in the lungs- popcorn lung.
- Majority of common vape flavors and compounds in commercial vapes contain the chemicals, or related chemicals that are known to cause popcorn lung.
- Regardless of the type of vaping liquids you are at equal risk for exposure to popcorn lung and its dangerous implications.



POPCORN
LUNG

**THE LEVELS
OF
NICOTINE
ARE
LOOSELY
MONITORED**

- Vape cartridges labeled as “nicotine-free” contained traceable levels of nicotine- FDA
- The higher voltage of the battery in the vaporizer delivered greater concentration levels of nicotine, increasing the likelihood of addiction.
- Authoritative health-related groups state with regard to vaping: There are few current measures in place to regulate the levels of nicotine, in addition to other harmful substances in vaping fluids.

NICOTINE

- Is highly addictive.
- It is as addictive as cocaine or heroin.
- It adversely affects the heart, reproductive system, lung, kidney and immune system.
- Many studies have consistently demonstrated its cancer-causing potential.
- Nicotine is one of the most toxic of all poisons and has a rapid onset of action in the body.
- Nicotine was used as a pesticide, but has been banned in most countries because of its harm to mammals.
- There is no research showing nicotine has any positive benefit to humans.

LITHIUM ION- POWERED VAPES CAN BLOW UP

Kenneth Barbero of Albany, NY is one of several individuals who has been severely injured by the combustion of a vaporizer. (This is not Kenneth- his picture is to graphic.)

Kenneth explains that the explosion ripped a hole in his tongue, left his hands covered in burns, and took out several teeth in the process.

A result of the overheating of a lithium ion battery used to power the vape.

The explosion could have been fatal.



ACCIDENTAL INGESTION OF VAPE LIQUID IS POISONOUS

In 2014 the number of calls into poison centers involving e-cigarette liquids was 215 times greater compared to 2010.

Poisoning occurs in three ways: **ingestion, inhalation, or absorption through the eyes and skin.**

These liquids are also found to cause moderate to severe skin irritation.

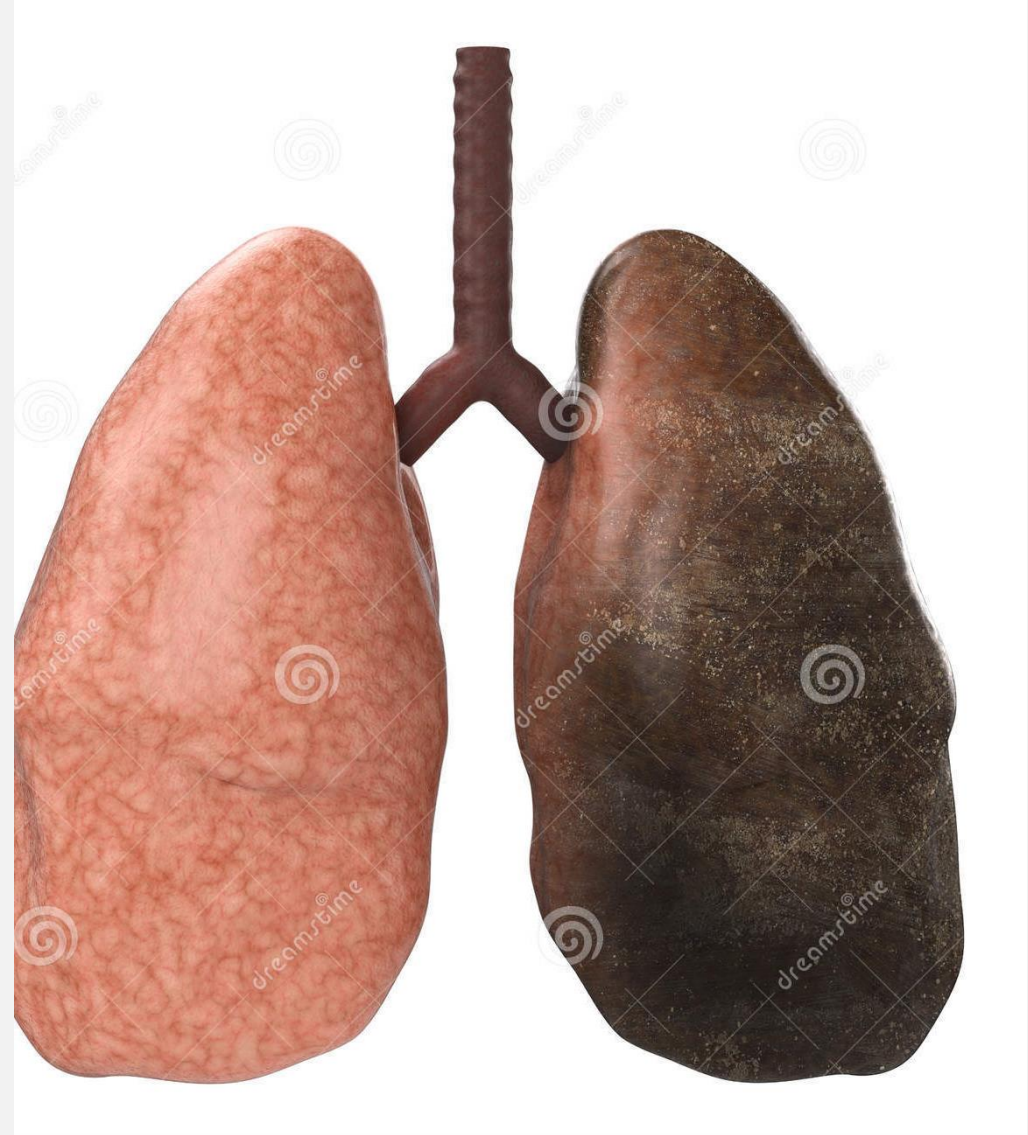
Many of the calls involved children under 5.



TOXIC

METAL PARTICLES ARE FOUND IN VAPE SMOKE

- Metals such as tin, nickel, silver, iron, aluminum, silicate, and chromium were present in this vape smoke in levels equal to, or greater than the concentrations found in traditional cigarette smoke.
- These nanoparticles are known for penetrating deep into the respiratory system and reaching vulnerable sacks in the lungs, often causing irreversible damage.
- These metals are also linked to risks for cancer and abnormal cell growth.



**VAPES CONTAIN
FORMALDEHYDE,
OR EMBALMING
FLUID**

- Vaping 3 milligrams of liquid at a voltage commonly used in commercial vapes produced 14 milligrams of formaldehyde. - UNIV of Oregon
- This is greater than the chemicals found in cigarettes.
- Formaldehyde causes cancer.

PNEUMONIA IS A RISK FOR VAPE USERS

- Lipoid pneumonia was found in a 42-year-old woman who had recently started using electronic cigarettes.
- This particular form of the pneumonia is caused by an inflammatory reaction to the presence of lipid substances in the lungs, or fat deposits found in lung tissue.
- Exposure to the glycerin-based oils found in the compounds of e-cigarette vapor caused the pneumonia.
- Pneumonia can be fatal or cause permanent lung damage.



E-CIGARETTE FLAVORS ARE TOXIC TO WHITE BLOOD CELLS, SCIENTISTS WARN

- Vaping flavors like cinnamon, vanilla and butter were found to be the most toxic.
- The University of Rochester team exposed immune cells to flavoring chemicals.
- They found the flavors were toxic to the cells, and caused significant cell death.

**SOME SAFETY STUDIES ON
E-CIGARETTES WRITTEN
BY INDUSTRY-FUNDED
SCIENTISTS**

- The Lancet, an England-based scientific publication, [released an article](#) warning that some scientific evidence indicates that vaping is safer than regular cigarettes was written by scientists funded by the vaping industry.
- The article released stated e-cigarettes were much safer than regular cigarettes was written by people who are connected to the e-cigarette industry.
- There are no research studies that state e-cigarettes are harmless.

IS VAPING HARMFUL?

- Addiction
- Heart Disease
- Cancer
- Lower Immune Response
- Pneumonia
- Burns
- What will people say in 20 years?
- How does it honor God or improve your life?