

# The Impact of Chronic E-Cigarette Usage on Microvascular Health

**Status:** RECRUITING

## Eligibility Criteria

**Age:** 18 years to 29 years old

This study is also accepting healthy

**Healthy Volunteers:** volunteers

e-Cig users arm

### Inclusion Criteria:

\* Between 18 and 29 years of age \* Used e-cigarettes with nicotine (≥3 times/week for ≥6 months)

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### Exclusion Criteria:

\* 17 years old and younger or 30 years old or older. \* Former combustible tobacco user/ former smoker \* Use of cigarettes for 15 days or more in the past 60 days \* Use of other tobacco products (cigars, hookah, smokeless), marijuana and/or illicit or prescription drugs weekly or more frequently in the past 60 days \* Evidence of cardiovascular, pulmonary, renal, hepatic, metabolic, cerebral diseases or sleep disorders \* Disorder or use of medication that affects cardiopulmonary health \* Evidence of pregnancy or current nursing Non e-Cig using arm Inclusion - Between 18 and 29 years of age Exclusion \* 17 years old and younger or 30 years old and older \* Use of cigarettes or other tobacco products more than 50 times in their lifetime. \* Evidence of cardiovascular, pulmonary, renal, hepatic, metabolic, cerebral diseases or sleep disorders \* Disorder or use of medication that affects cardiopulmonary health \* Evidence of pregnancy or current nursing

## Conditions & Interventions

### Interventions:

OTHER: E-cig use

### Conditions:

E-Cig Use

### Keywords:

Microvascular Health

## More Information

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**Principal Investigator:**

**Phase:**

**IRB**

**Number:**

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