

Evidence for Clinicians: E-cigarettes a Better Chance at Health

- What are the respiratory health effects resulting from the substitution of e-cigarette for tobacco cigarettes?
- What are the cardiovascular health effects?
- What are the effects of ENDS substitution on weight status?



The In Silico Science Systematic Reviews include:



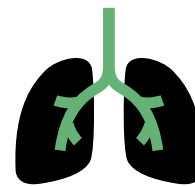
- 25 studies with 26 publications for cardiovascular health effects
- 16 studies with 20 publications for respiratory health effects
- 6 studies to review effects on weight status management



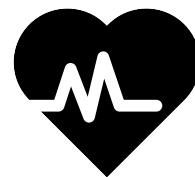
KEY FINDINGS

from 52 articles

on e-cigarette substitution



Arresting progression of COPD and improved lung function in patients with asthma



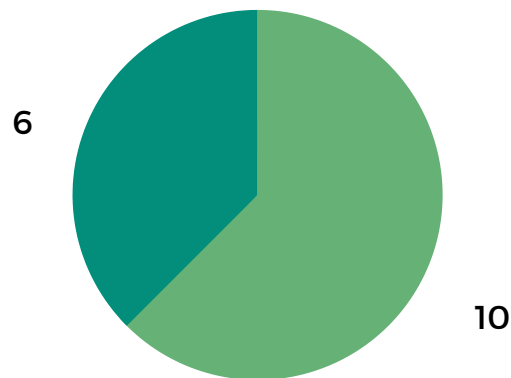
Lowering of pre-existing hypertension



Maintenance of weight status

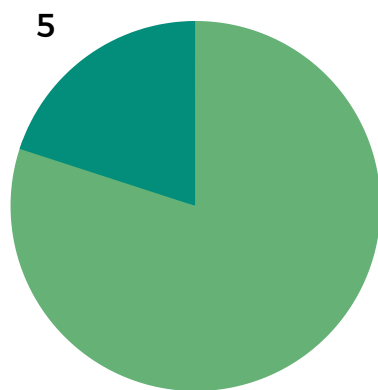


High risk of bias= low confidence:



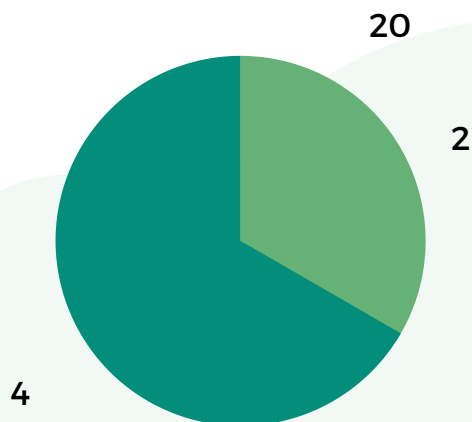
Respiratory review:

- 10 high risk of bias
- 6 rated as some concerns
- 0 low risk



Cardiovascular review:

- 20 high risk of bias
- 5 rated as some concerns
- 0 low risk



Weight status review:

- 4 high risk of bias
- 2 rated as some concerns
- 0 low risk