



# Sputum cell counts in COPD patients who use electronic cigarettes

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**Electronic cigarette use in COPD ex-smokers causes increased sputum neutrophils**  
<https://bit.ly/3HPlisR>

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*To the Editor:*

COPD is caused by the inhalation of noxious particles, commonly from cigarette smoking [1]. Smoking cessation is an important part of COPD management. Electronic cigarettes (e-cigarettes) are used by COPD patients to facilitate cigarette smoking cessation [2]. E-cigarettes contain multiple chemicals that can cause inflammation and toxicity [3]. The potential harm caused by long term e-cigarette use in COPD patients is unknown.