

Care CEUs

Electronic Cigarettes: Impact on the Cardiovascular System

1. Each e-cigarette device has a common functioning system, which is composed of a rechargeable lithium battery, vaporization chamber, and a cartridge.

- A. True
 - B. False
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2. Which of the following is a potential effect of nicotine?

- A. Reduce fertility and reproduction
 - B. Ocular irritation
 - C. Renal damage
 - D. Increased blood pressure and heart rate
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3. According to the text, research shows that subacute and chronic inhalation of formaldehyde is associated with cardiac oxidative stress and, consequently, cardiac cell damage.

- A. True
 - B. False
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4. Which of the following is a potential effect of inhaled acrolein on the cardiovascular system?

- A. Increased cardiac contractility
 - B. Decreased blood pressure
 - C. Decreased risk of thrombosis
 - D. Increases the risk of cardiac ventricular arrhythmia
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5. Which of the following statements regarding the effects of particulate matter (PM_{2.5}) on the cardiovascular system is most accurate?

- A. Direct entry of PM 2.5 into blood stream decreases intracellular calcium.
 - B. Direct entry of PM 2.5 into bloodstream increases intracellular calcium.
 - C. Deposition of PM 2.5 in lungs directly decreases intracellular calcium.
 - D. Deposition of PM 2.5 in lungs directly increases intracellular calcium.
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