

Name _____

The Fire Within: Understanding Inflammation

Multiple Choice Questions

1. What is inflammation?
 - A) A type of infection
 - B) The body's response to injury or infection
 - C) A type of immune cell
 - D) A type of medication

2. Why does inflammation occur?
 - A) To signal that everything is fine
 - B) To prevent blood flow to the affected area
 - C) To protect and heal tissues from harm
 - D) To cause pain and discomfort

3. What happens to blood vessels during inflammation?
 - A) They dilate and increase blood flow
 - B) They constrict and decrease blood flow
 - C) They remain unchanged
 - D) They disappear completely

4. What role do cytokines play in inflammation?
 - A) They promote tissue repair
 - B) They inhibit the activity of white blood cells
 - C) They decrease blood vessel permeability
 - D) They signal immune cells to the site of infection

5. What is the difference between acute and chronic inflammation?
 - A) Acute inflammation is long-lasting, while chronic inflammation is short-lived.
 - B) Acute inflammation is harmful, while chronic inflammation is beneficial.
 - C) Acute inflammation is a normal response, while chronic inflammation is persistent and can lead to health problems.
 - D) Acute inflammation only occurs in certain tissues, while chronic inflammation affects the entire body.

