

Name _____

Choosing the Right Tool: Broad-Spectrum vs. Narrow-Spectrum Antibiotics

Multiple Choice Questions

1. What is a key characteristic of broad-spectrum antibiotics?
 - A) They target specific types of bacteria
 - B) They have a narrow spectrum of activity
 - C) They cover a wide range of bacteria
 - D) They are less effective than narrow-spectrum antibiotics

2. How do narrow-spectrum antibiotics differ from broad-spectrum antibiotics?
 - A) They target a narrower range of bacteria
 - B) They are less specialized in their approach
 - C) They have a higher risk of causing antibiotic resistance
 - D) They are suitable for treating a broad spectrum of infections

3. What analogy is used to describe broad-spectrum antibiotics?
 - A) Precision screwdrivers
 - B) Precision tools
 - C) Versatile warriors
 - D) Swiss army knives

4. Why might broad-spectrum antibiotics have a higher risk of causing antibiotic resistance?
 - A) Because they are less effective than narrow-spectrum antibiotics
 - B) Because they cover a wide range of bacteria
 - C) Because they target a narrower range of bacteria
 - D) Because they are more specialized in their approach

5. How do healthcare providers choose between broad-spectrum and narrow-spectrum antibiotics?
 - A) Based on the patient's age
 - B) Based on the patient's gender
 - C) Based on the type of infection and suspected bacterial pathogen
 - D) Based on the patient's blood type

