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SUSCEPTIBLE HOST  
CHO 3001

A susceptible host is a person (or animal) who is at risk of getting an infection because their body cannot effectively resist or fight off\* the invading pathogen.

Functions:

- The host provides a favorable environment for the pathogen to enter, multiply, and possibly cause illness

\*Characteristics of a Susceptible Host:

1. Weakened immune system

- Due to illness, HIV, cancer, or medications (like steroids)

2. Age

- Very \*young (infants)\* or \*old (elderly)\* have lower resistance

3. Poor nutrition

- Malnourished bodies are less able to fight infections

4. Chronic diseases

- Such as diabetes, heart disease, or lung problems

5. Lack of vaccination

- Unvaccinated people are more vulnerable

6. \*Open wounds or broken skin\*

- Allow easy entry for pathogens

7. \*Stress and fatigue\*

- Can lower body resistance

In summary:

A \*susceptible host\* is someone more likely to get sick if exposed to a germ, due to weak immunity or other health risks.