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### **Susceptible host**

A susceptible host is an individual or organism likely to develop a communicable disease after exposure to an infectious agent . Susceptibility depends on various factors, including genetic or constitutional factors and specific immunity .

#### Examples of Susceptible Hosts

The "susceptible host" can be any organism that can be infected, including:

1. Human-(neonate -neonatal sepsis, Elderly -pneumonia e.t.c)
2. Animal -( sheep and goat-Anthrax, Cattle - brucellosis e t.c)
3. Plant -(Apple -apple scab, Wheat- stem rust e.t.c)

### **Control Measures**

Several measures can protect susceptible hosts:

- 1.Vaccination: This is a key strategy to increase immunity .
- 2.Chemoprophylaxis: Using medications to prevent infection .
- 3.Maintaining a Healthy Lifestyle: This can boost the body's natural defenses .
4. Limiting Exposure: Reducing contact with reservoirs of infection .