

SOURCE & RESERVOIR

SOURCE

- Source & Reservoir of infection are NOT SYNONYMOUS
- Person, animal, object or substance from which an infectious agent passes to the host Immediate source of infection which may or may not be a part of reservoir

RESERVOIR

- Any person, animal, arthropod, plant, soil or substance in which an infectious agent lives & multiplies & on which it

depends on survival & reproduction in such a manner that it can be transmitted to a susceptible host

- 1. Human reservoir
 - Cases-person having particular disease or health disorder
 - Carriers > infected person or animal that harbors a specific agent in the absence of clinical disease & serves as a potential source of infection
 - Carriers are less infectious than cases but are more dangerous epidemiologically, Example-Polio, Salmonella typhi & Chicken Pox
- 2. Animal reservoir
 - Seen in rabies, influenza, yellow fever

etc.

- 3. Reservoir in non living things
- Soil for tetanus, anthrax, coccidiomycosis etc.