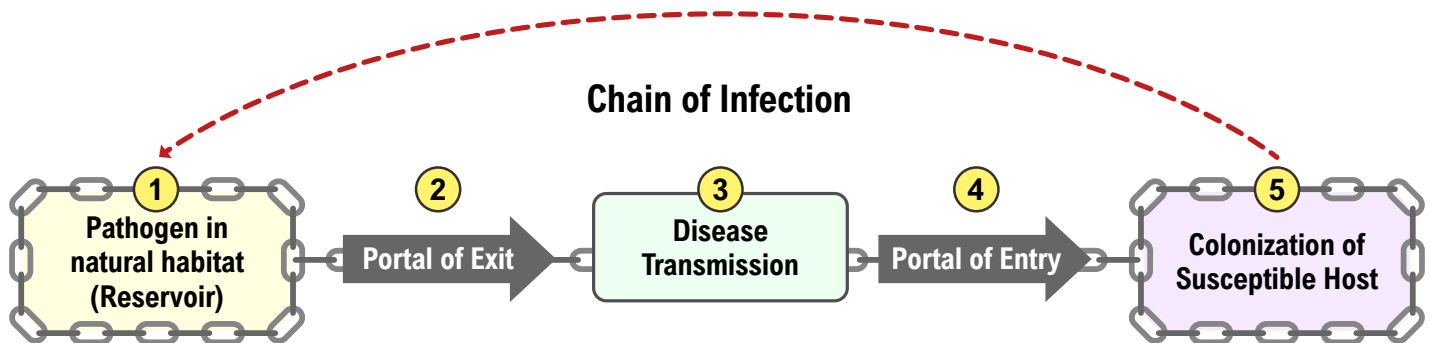


TOPIC: INTRODUCTION TO CHAIN OF INFECTION

◆ The spread of an infectious disease follows a pathogen through a series of ____ steps called the **Chain of Infection**.

- ① Pathogen starts in its *natural habitat* called the **reservoir**.
- ② Pathogen _____ its reservoir through a **portal of exit** (e.g. nose, mouth, shedding from a surface).
- ③ Pathogen is **transmitted** (via several possible modes) to an uninfected, *susceptible host* at risk of infection.
- ④ Pathogen _____ the susceptible host via a **portal of entry** (e.g. body orifice).
- ⑤ Pathogen **colonizes** (establishes & begins to replicate) in a susceptible host, which may lead to *disease*.
 - Susceptible host becomes a new reservoir & the chain of infection **starts over** from step 1.



PRACTICE

The natural habitat or most common host for a pathogen or disease is called a pathogen's _____.

- a) Portal of entry. b) Susceptible host. c) Reservoir. d) Primary inhabitance.

Map of the Lesson on Chain of Infection

◆ Let's review a map of our lesson on the chain of infection:

