





CONCEPT: MODES OF TRANSMISSION

◆ An infection can pass from one host to another in two ways:

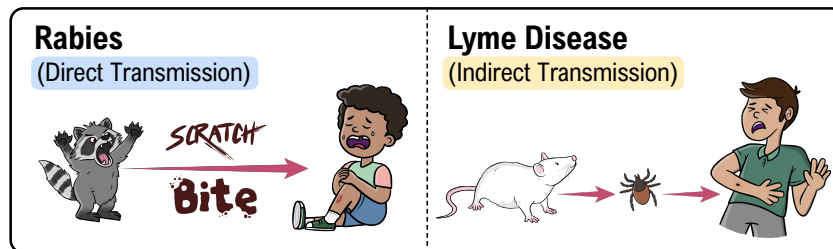
- **Direct Transmission:** _____ a medium/intermediary.
- **Indirect Transmission:** _____ a medium/intermediary.

			
Direct Transmission		Indirect Transmission	

Modes of Transmission of Infections			
1. Physical Contact	<ul style="list-style-type: none"> ▪ Direct: e.g., _____ or sexual contact. ▪ Indirect: e.g., through a contaminated object. 	2. Airborne	<ul style="list-style-type: none"> ▪ Respiratory _____ expelled through: <ul style="list-style-type: none"> - Coughing, sneezing, laughing, breathing, etc.
3. Waterborne or foodborne	<ul style="list-style-type: none"> ▪ Drinking contaminated _____. ▪ Contaminated food or undercooked meat. 	4. Vector-borne	<ul style="list-style-type: none"> ▪ Spread through blood-sucking _____: <ul style="list-style-type: none"> - Mosquitos, fleas, ticks, etc.

◆ Many infections are animal-borne (_____) and transmissible from animals to humans (cross-species transmission).

- Can transmit either directly or indirectly.



EXAMPLE

Which of the following is not an example of indirect transmission of infection?

- Being close to someone who has COVID-19.
- Being bitten by a mosquito carrying the malaria parasite.
- Hugging a person with a contagious skin infection.
- Eating contaminated food.

PRACTICE

Sara has a wart on her hand. Her doctor advises her to always keep it covered to avoid spreading it to others. Which link of the chain of infection is being broken by her keeping the wart covered?

- Portal of entry.
- Mode of transmission.
- Portal of exit.
- Reservoir.