

**Beebe Healthcare**  
**Margaret H. Rollins School of Nursing**  
**Nursing 101 - Foundations of Nursing**

**Infection Control Class Prep 10/10/25**

You will be required to complete the lesson on ATI, “Chain of Infection & Body Defenses.” You will complete the lesson (No need to print anything) and on this handout, write the proper order for the Chain of infection, an example of each of the components of the chain of infection, 3 nursing interventions and the rationale for doing them to protect against infections. Please submit this assignment electronically to Mrs. Wingate’s dropbox labeled, “Infection Control” **by 0830 on 10/10/25.**

**\*\***To access the assignment on ATI, follow these instructions: Log on to ATI, Go to the tab, “My ATI”, then look for the module, “Engage Fundamentals RN.” Click it and look for “Foundations of Nursing Practice” tab and click it. Next will be, “Infection Control & Isolation, then choose the lesson to the left called, “Chain of Infections & Body Defenses.”

For additional Learning: Fundamental Takeaways: Infection Control /Isolation Flashcards. (Optional)

**Proper order of the Chain of Infection with an example of each:**

1. infectious agent – contains bacteria, fungi, etc. example: individuals’ resident flora (lives on client)
2. Reservoir- habitat of infectious agent, example bird, insect, people, other animals.
3. Portal of exit- how the infectious agent leaves reservoir, example ears, nose, mouth.
4. Mode of transportation- how infectious agent move place to place, example airborne, droplet.
5. portal of entry – any body orifice example nose, mouth, ears.
6. susceptible host- required for infectious agent not everyone who is exposed will become ill example someone who is immune compromised.

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**3 Nursing Interventions w/ Rationales:**

1. Performing proper hand hygiene- eliminates and reduces risk for infectious agent spreading.
2. wearing proper PPE and gloves when necessary- protects both the patient and the nurse, covers portal of entry and exit.
3. promote patient hydration and nutrition- patient who are in good health are more likely to have better immune defense making them a less susceptible host for pathogen.