

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

Infection Control Class Prep 10/11/24

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 drop box labeled, “Infection Control” **by 0830 on 10/11/24.**

**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: Coronavirus 2 (SARS-CoV-2) agent that causes COVID-19
2. Reservoir: The human body
3. Portal of Exit: Sneeze/cough
4. Mode of Transmission: Droplet/Airborne
5. Portal of Entry: The airway (Nose and mouth)
6. Susceptible Host: A person with decreased immune function

3 Nursing Interventions w/ Rationales:

1. Wiping down equipment used on infected patient with Sani wipes (while wearing gloves) and waiting the two-minute dry time to ensure infectious agents are killed. RATIONALE: This prevents spread through contact (the pt coughing into

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hands and then touching equipment, the nurse then touches it and wipes their nose). Prevent spread of infection.

2. Wearing proper PPE when entering pt room and donning and doffing in the proper sequence. RATIONALE: Infection contained on PPE and does not leave the pt room or come in direct contact with the nurse.

3. PROPER HAND HYGIENE, when the nurse enters and exits the pt room performing hand hygiene is the most important step in preventing spread of infection. RATIONALE: anything the nurse could have picked up in the pts room can be taken care of immediately after exiting before touching anything else and the chain of infection will be broken.