

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 dropbox 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. Flora from the gastrointestinal tract can move elsewhere in the body and create infection there.
2. Reservoir. Nurses should use proper hand hygiene when caring for patients, patients should receive preoperative skin preparation prior to surgery, and the clinical or surgical environment should be cleansed properly by following the facility’s protocols to prevent infection.
3. Portal of exit. Any body orifice (ears, nose, mouth, skin), blood or body fluids that leave the body through the gastrointestinal tract, respiratory tract, and skin.
4. Modes of transmission. Contact, droplet, airborne, vehicle, vector borne.
5. Portal of entry. Any body orifice (ears, nose, mouth, breaks in mucous membranes or the skin)
6. Susceptible host. Age, bad nutrition, bad sleep, immune system.

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3 Nursing Interventions w/ Rationales:

1. Patient will get good sleep and have a nutritional diet to build immunity to not become a susceptible host for infection.
2. Patient will have a clean, sterile environment to not get an infectious agent.
3. Patient will use proper hand hygiene to break the chain of infection.