Nursing Student In-service Infection Control and Prevention

The discipline concerned with prevention of Healthcare Associated Infections to patients, visitors and healthcare workers (HCWs)
Hand Hygiene

Beaumont Health’s Hand Hygiene Quality Standard

ALWAYS foam in, and foam out if ANYTHING was touched.
HAND HYGIENE

• Hand Hygiene is the single most important way to prevent communicable disease transmission.
Hand Hygiene

• Hands of HCW’s are the most common transmitter of disease in healthcare facilities
• A disease transmitted from a HCW to a patient is known as a Healthcare Associated Infection (HAI) or a nosocomial infection
• Pathogens can be transmitted to patients, HCWs and yourself by poorly sanitized hands
• Gloves are NOT a substitute for hand hygiene
Two Ways to Perform Hand Hygiene

Alcohol Base Hand Rub

Soap and Water
Soap and Water

How to wash your hands properly

1. Wet your hands
2. Liquid soap
3. Lather and scrub - 20 sec
4. Rinse
5. Dry your hands
6. Turn off tap

DON’T FORGET TO WASH:
- between your fingers
- under your nails
- the tops of your hands
Alcohol Based Hand Rub

• Apply enough foam to cover both hands

• Spread over both hands ensuring good coverage of all surfaces

• Rub until dry

*Alcohol Based Hand Rub can be used in any situation except when your hands are visibly soiled
Artificial Fingernails

Employees who have patient contact are not allowed to have artificial fingernails, tips, or other fake nail enhancements.

Bacteria underneath fingernails has been identified as a risk and cause for Hospital Acquired Infections.
Patient and Visitor Hand Hygiene

Promote Patient Hand Hygiene

• After toileting
• When leaving and returning to room
• Before eating drinking, taking medicine
• After coughing, sneezing
• Before invasive procedures
Safe Work Practice
Disinfecting Care Areas and Equipment

Dispatch® Bleach
- WHITE TOP
- 5 Minute Contact Time
  - 1:10 Bleach
  - Kills C. difficile

Sani-Cloth® AF3
- GRAY TOP
- 3 Minute Contact Time
  - Alcohol-Free Quat

Sani-Cloth® Plus
- RED TOP
- 3 Minute Contact Time
  - Low-Alcohol Quat

Housekeeping Disinfectant: Morning Mist
- 10 Minute Contact Time
Environmental Measures

Patient Equipment

• Reusable equipment has to be cleaned in between patients appropriately
• Always remember to follow the manufacturer’s recommendations for use
Transmission-Based Precautions (Contact, Droplet and Airborne)

• Transmission-Based Precautions are used in addition to Standard Precautions for patients in Contact, Droplet or Airborne isolation
• Used when the route(s) of transmission are not completely interrupted using Standard Precautions
• Isolation signage with requirements will be displayed in a holder outside the patient room
• The RN is responsible for ensuring isolation cart is ordered and posting the isolation sign
CONTACT PRECAUTIONS

ALL FAMILY & FRIENDS, PLEASE SEE A NURSE BEFORE ENTERING.

CONTACT PRECAUTIONS

Hand hygiene before/after care
Gloves before entering room
Gowns before entering room

Limit patient transport
Dedicated patient equipment

PLEASE REUSE SIGNS. DO NOT DISCARD.
DROPLET PRECAUTIONS

STOP

ALL FAMILY & FRIENDS, PLEASE SEE A NURSE BEFORE ENTERING.

DROPLET PRECAUTIONS

Hand hygiene before/after care
Surgical mask for health care workers and family & friends
Surgical mask on patient being transported
Limit patient transport

PLEASE REUSE SIGNS. DO NOT DISCARD.
AIRBORNE PRECAUTIONS

ALL FAMILY & FRIENDS,
PLEASE SEE A NURSE BEFORE ENTERING.

AIRBORNE PRECAUTIONS

Hand hygiene before/after care
Negative pressure room with door closed
N95 mask or PAPR for health care workers

Surgical mask for family & friends
Surgical mask on patient being transported
Limit patient transport

PLEASE REUSE SIGNS. DO NOT DISCARD.
Clostridium difficile (C. diff)

- Gastrointestinal illness caused by a bacterium with an attached spore that can survive months on surfaces
- Best Practice is hand washing with soap and water when caring for a patient with C. diff or Hepatitis A
- Bleach used by Environmental Services for daily room cleaning
- Green triangle sign (magnet) displayed on door frame to alert all staff of patient with gastrointestinal, including patients diagnosed with hepatitis A or Norovirus
Troy Epidemiology Department

Please feel free to call the Troy Epidemiology Department for additional information or with any questions at 248-964-7144

Thank You