

Beaumont

Nursing Student In-service Infection Control and Prevention

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

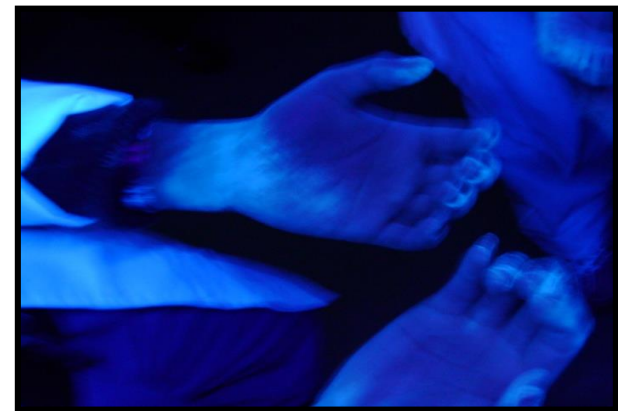
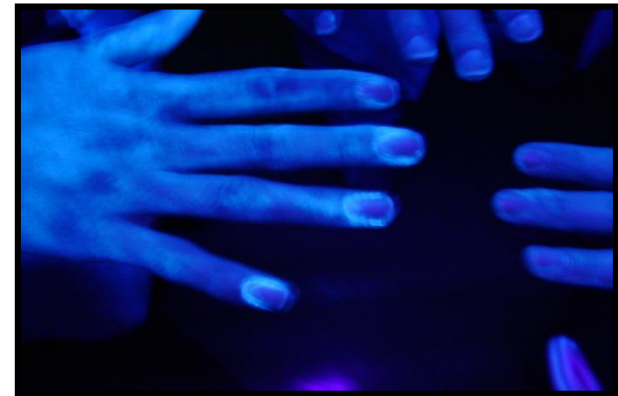
Hand Hygiene

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

Beaumont



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

**CONTACT
PRECAUTIONS**



**Hand hygiene
before/after care**



Gloves before entering room



Gowns before entering room

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Limit patient transport



**Dedicated patient
equipment**

PLEASE REUSE SIGNS. DO NOT DISCARD.

DROPLET PRECAUTIONS

Beaumont



**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.

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AIRBORNE PRECAUTIONS

Beaumont



**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



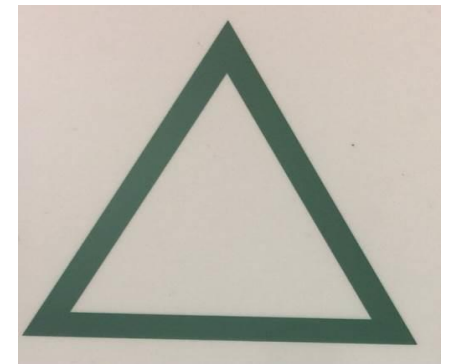
Limit patient transport

11/18/2018

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