

# E-ORIENTATION



# INFECTION PREVENTION & CONTROL

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## Infection Prevention & Control: It's Everyone's Business

ALL students have a responsibility to adhere to infection prevention and control guidelines in order to reduce healthcare associated infections in patients, occupationally acquired infection in staff, and internal outbreaks of infectious disease – all of which are costly and pose risk to WRH staff, students and patients.

What is the single most effective way to prevent the spread of infections?: **Alcohol-based hand rub**

## Hand Hygiene

### 2 Methods of Hand Hygiene

#### 1. Alcohol-based hand rub (ABHR)

- Preferred method – KILLS germs (loonie sized amount)

#### 2. Washing with soap and water

- Preferred when hands are visibly soiled, when dealing with fecal matter, or when feeling a build-up of moisturizer from ABHR

### How to handwash

Lather hands for 15 seconds



1 Wet hands with warm water.



2 Apply soap.



3 Lather soap and rub hands palm to palm.



4 Rub in between and around fingers.

Lather hands for 15 seconds



5 Rub back of each hand with palm of other hand.



6 Rub fingertips of each hand in opposite palm.



7 Rub each thumb clasped in opposite hand.



8 Rinse thoroughly under running water.



9 Pat hands dry with paper towel.



10 Turn off water using paper towel.



11 Your hands are now safe.

JUST CLEAN YOUR HANDS


For more information, please contact [handhygiene@oahpp.ca](mailto:handhygiene@oahpp.ca) or visit [publichealthontario.ca/JCYH](http://publichealthontario.ca/JCYH)




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### How to handrub


Rub hands for 15 seconds




1 Apply 1 to 2 pumps of product to palms of dry hands.



2 Rub hands together, palm to palm.




3 Rub in between and around fingers.




4 Rub back of each hand with palm of other hand.


Rub hands for 15 seconds




5 Rub fingertips of each hand in opposite palm.



6 Rub each thumb clasped in opposite hand.



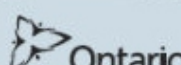
7 Rub hands until product is dry. Do not use paper towels.



8 Once dry, your hands are safe.

JUST CLEAN YOUR HANDS

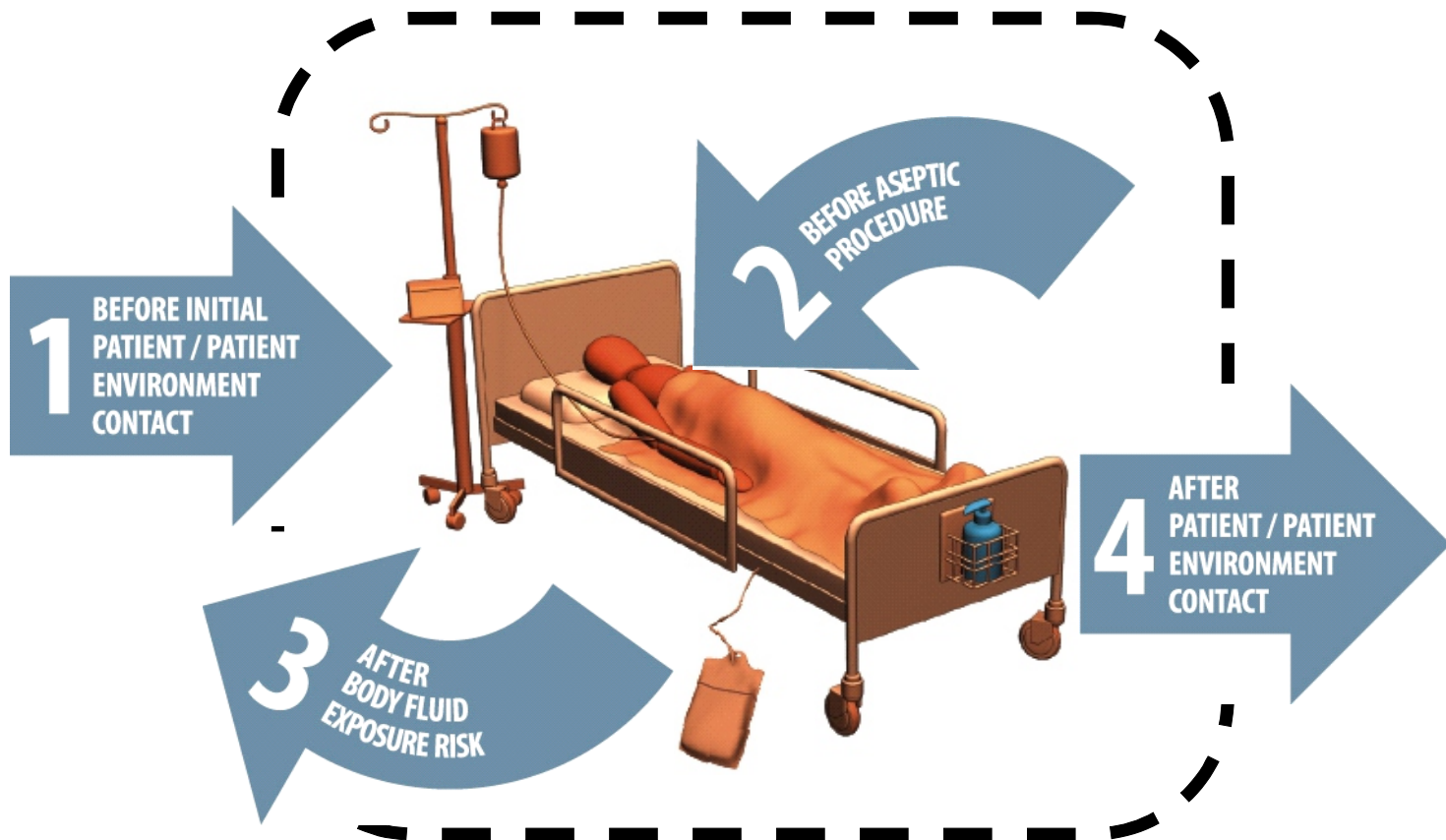
For more information, please contact [handhygiene@oahpp.ca](mailto:handhygiene@oahpp.ca) or visit [publichealthontario.ca/JCYH](http://publichealthontario.ca/JCYH)



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# INFECTION PREVENTION & CONTROL

## 4 Critical Moments for Hand Hygiene



## Are there other ways for Infection to Spread?

### 3 Modes of Transmission in the Hospital

1. **Contact** – Directly by touching patients or indirectly by touching contaminated surfaces
2. **Droplet** – Coughing and sneezing
3. **Airborne** – Tiny aerosolized particles e.g. chicken pox, measles

### Additional Precautions

- Based on mode of transmission
- May be used alone or in combination
- Includes personal protective equipment (PPE) required, room accommodations, and guidelines for patients, etc.

**STOP**  
Visitors: Talk to a staff person before going into this room.

**CONTACT PRECAUTIONS**

- Clean hands
- Gloves and gowns required upon room entry
- Only transport patient if necessary, contain drainage
- Use dedicated equipment or disinfect

**STOP**  
Visitors: Talk to a staff person before going into this room.

**DROPLET+CONTACT PRECAUTIONS**

- Procedure/surgical mask and protective eyewear required within 2 metres of patient
- Clean hands, gloves required
- Gowns required if skin or clothing will contact patient or environment
- Patient to wear a procedure/ surgical mask for transport
- Use dedicated equipment or disinfect before use with another patient

**STOP**  
Visitors: Talk to a staff person before going into this room.

**DROPLET PRECAUTIONS**

- Clean hands
- Staff – procedure/surgical mask and protective eyewear required within 2 metres of patient
- Only transport if necessary, patient to wear procedure/ surgical mask for transport

**STOP**  
Visitors: Talk to a staff person before going into this room.

**AIRBORNE PRECAUTIONS**

- Clean hands
- N95, fit-tested respirator or required for room entry
- Only transport if necessary, patient to wear procedure mask, staff wear N95 for transport
- Negative pressure room required, door must remain closed

# INFECTION PREVENTION & CONTROL

## Contact Precautions



- Gloves and gown for contact with patient or patient's environment
- Gloves may be donned at point of care

## Droplet Precautions



- Mask and eye protection, when within 2 meters of the patient
- Patients must wear a mask if they leave their room or bedspace

## Airborne Precautions



- N95 fit-tested respirator required for room entry
- Airborne Infection Isolation Room (negative pressure) required
- Door MUST remain CLOSED

## PPE – Personal Protective Equipment

### May be used routinely

- Use a gown if you think your clothing will be contaminated
- Use gloves if you think your hands will be contaminated
- Use mask and eye protection if you think there will be splashes or sprays or if you are within 2 meters of a coughing patient

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### Putting on Personal Protective Equipment in Personal Service Settings

1	PERFORM HAND HYGIENE	
2	PUT ON GOWN	
3	PUT ON MASK OR N95 RESPIRATOR	
4	PUT ON EYE PROTECTION	
5	PUT ON GLOVES	

For more information, visit [publichealthontario.ca](http://publichealthontario.ca)

Ontario  
Ministry of Health  
Ministère de la Santé

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### Removing Personal Protective Equipment in Personal Service Settings

1	REMOVE GLOVES	
2	REMOVE GOWN	
3	PERFORM HAND HYGIENE	
4	REMOVE EYE PROTECTION	
5	REMOVE MASK OR N95 RESPIRATOR	
6	PERFORM HAND HYGIENE	

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## IPAC Resources

You can find more information on Infection Control by adding the IPAC application to your Citrix Storefront

**IPAC Practitioners(Met) – ext. 52358**

**IPAC Practitioners (Ouellette) – ext. 33578**

**IPAC Director – ext. 33835**

