# Airborne Precautions

#### In addition to Routine Practices



#### **Accommodation**

- Negative pressure single room, anteroom (if possible) and bathroom.
- Facilities without negative pressure rooms should consult IPC and the <u>Management of Patients Requiring Airborne Isolation</u> for management of suspected or confirmed cases that require <u>Airborne Precautions</u>.
- Airborne Precautions sign visible on entry to room.
- Room door must be shut at all times, except when entering or leaving the room.



## Hand hygiene

- Perform <u>hand hygiene</u> using alcohol-based hand rub (ABHR) or soap and water as described in <u>Routine Practices</u>.
- Perform hand hygiene:
  - Before accessing and putting on an N95 respirator
  - After taking off an N95 respirator.
- Educate patients<sup>1</sup> and visitors about how and when to use <u>hand hygiene</u> products.



### Personal protective equipment: N95 respirators

- All staff and physicians require fit-testing for an N95 respirator.
- All family or visitors must wear and seal-check an N95 respirator.
- Proper wearing of an N95 respirator includes:
  - Putting on the respirator before entering the patient's room
  - Moulding the metal bar over the nose
  - o Ensuring an airtight seal on the face, over top of the nose and under the chin
  - o Leaving the room and changing the respirator when it becomes moist
  - o Removing the respirator after leaving the patient's room by touching elastics only
  - Not wearing respirator around the neck.

Refer to the AHS <u>Donning</u> & <u>Doffing</u> PPE posters for details on careful removal & disposal of N95 respirators.

#### Assessing the Need for Additional PPE

- When a patient is on Additional Precautions, follow PPE requirements as indicated AND perform a complete Infection Prevention and Control Risk Assessment (IPC RA).
  - This should lead to usage of contact and droplet precautions (eye protection, gown, gloves) with an N95 respirator for patients with respiratory symptoms (coughing, runny nose, sneezing) and/or gastrointestinal symptoms (vomiting, diarrhea), especially when providing close contact patient care.

<sup>&</sup>lt;sup>1</sup> Patients are all persons who receive or have requested health care or services. The terms "client" or "resident" may also be used, depending on the health care setting.



Original date: July 2018 Revised: May 29, 2025







### Patient ambulation outside room, bedspace or transfer

- Patients should leave the room or bedspace for essential purposes only; exceptions require IPC consultation. Sites should have a clearly documented process for transport of patients on **Airborne Precautions**.
- Use pre-determined transport routes to minimize exposure for healthcare workers, other patients and DFSP/visitors.
- Before patients leave their room or bedspace:
  - Assess whether they can wear a procedure/surgical mask for the duration of the transport
  - Educate or assist them to put on a procedure/surgical mask
  - Consider alternate strategies for patients who cannot tolerate a mask, e.g.,
     neonates, infants, toddlers; cuddle with care provider
  - o For patients with tracheostomy, cover site with surgical mask (with ties)
  - o Perform hand hygiene
  - Put on clean clothing or hospital gown/housecoat
  - o Ensure dressings and incontinence products contain any drainage
  - Provide an escort for the patient.
- Notify the receiving area of need for <u>Airborne Precautions</u> before departure.
- Transport staff should assess the risk of spreading infection and choose clean personal
  protective equipment (PPE), if necessary, to handle the patient during transport and at the
  transport destination using <u>Infection Prevention and Control Risk Assessment (IPC RA)</u>. PPE
  is to be removed when patient handling is complete.
- Staff assisting with transport do not require an N95 respirator after leaving the room unless patient is unable to wear a procedure/surgical mask for the duration of transport.



## **Environmental cleaning**

- Room surfaces and equipment cleaning/disinfection is required on a daily basis or more frequently, if directed by IPC using AHS approved products and procedures.
- After patient discharge, transfer or Airborne Precautions are discontinued:
  - Keep room door closed for the minimum time to allow airborne particles to be cleared from the air
  - o Consult IPC as air clearance times vary based on facility air exchanges
  - The room may be entered for discharge or transfer cleaning after air clearance time has lapsed.
- If staff must enter before minimum air clearance time, wear fit-tested N95 respirator and door must remain closed.

Original date: July 2018 Revised: May 29, 2025

# Airborne Precautions | 3



### **Visitors**

- Encourage visitors to perform <u>hand hygiene</u>.
- Instruct family or visitors to wear and <u>seal-check an N95 respirator</u>.
- <u>Airborne Isolation Precautions Family/Visitor information</u> is an additional resource for visitors.
- Keep the number of visitors to a minimum.
   Door must remain closed except when entering or leaving the room.

Original date: July 2018 Revised: May 29, 2025