



Infection Prevention & Control Algorithm for Ebola Virus Disease

MH/EVD/IP&C/Ver1.0, Aug 2014

Suspect case of EVD

- ✓ Immediately isolate patient
- ✓ Handle patients with full PPE
- ✓ Keep 1 metre distance if without PPE
- ✓ Frequent hand hygiene
- ✓ Do NOT collect blood or any samples

Ambulance and escort staff should wear PPE

- In Hospital (Patient placement)**
- ✓ Isolate patient in single room with adequate ventilation
 - ✓ Room should have attached toilet
 - ✓ HCWs/visitors should use PPEs before entering room
 - ✓ Keep log of all HCWs and visitors
 - ✓ 'NO' visitors
 - ✓ Frequent hand hygiene

- Personal Protective Equipment (PPE)**
- ✓ All HCWs/visitors should wear:
Gloves, Mask, Gown (fluid resistant), Eye protection (goggles/face shield), shoe cover
 - ✓ Additional PPE required if dealing with copious amount of body fluids

- Aerosol Generating Procedures (AGP)**
- ✓ Avoid AGPs i.e. bronchoscopy, sputum induction, intubation, etc
 - ✓ If AGPs are essential use combination of measures including airborne precautions

- Safe injection/Samples**
- ✓ Limit use of needles and other sharps
 - ✓ Limit phlebotomy and other procedures to minimum
 - ✓ Handle sharps carefully and dispose in puncture proof sealed container

- Patient care equipment**
- ✓ Use disposable medical equipment if possible
 - ✓ Non-disposable equipment should be disinfected according to manufacturer's guidelines

- Environmental control**
- ✓ Wear PPE during environmental cleaning
 - ✓ Wear goggles or face shield if performing task generating splashes

- Management of the 'Deceased'**
- ✓ Refer to policies and guidelines

- Management of exposed health care workers (HCWs)**
- HCW/s caring for the case without IP&C measures or had a needle-stick injury
- ✓ HCWs should immediately stop working and wash affected area
 - ✓ Inform infection control department for follow-up
 - ✓ Medical evaluation

Manage as a suspect case

Whether symptomatic?

Follow-up: Twice daily for potential symptoms and document progress

If symptoms develop within 21 days of exposure