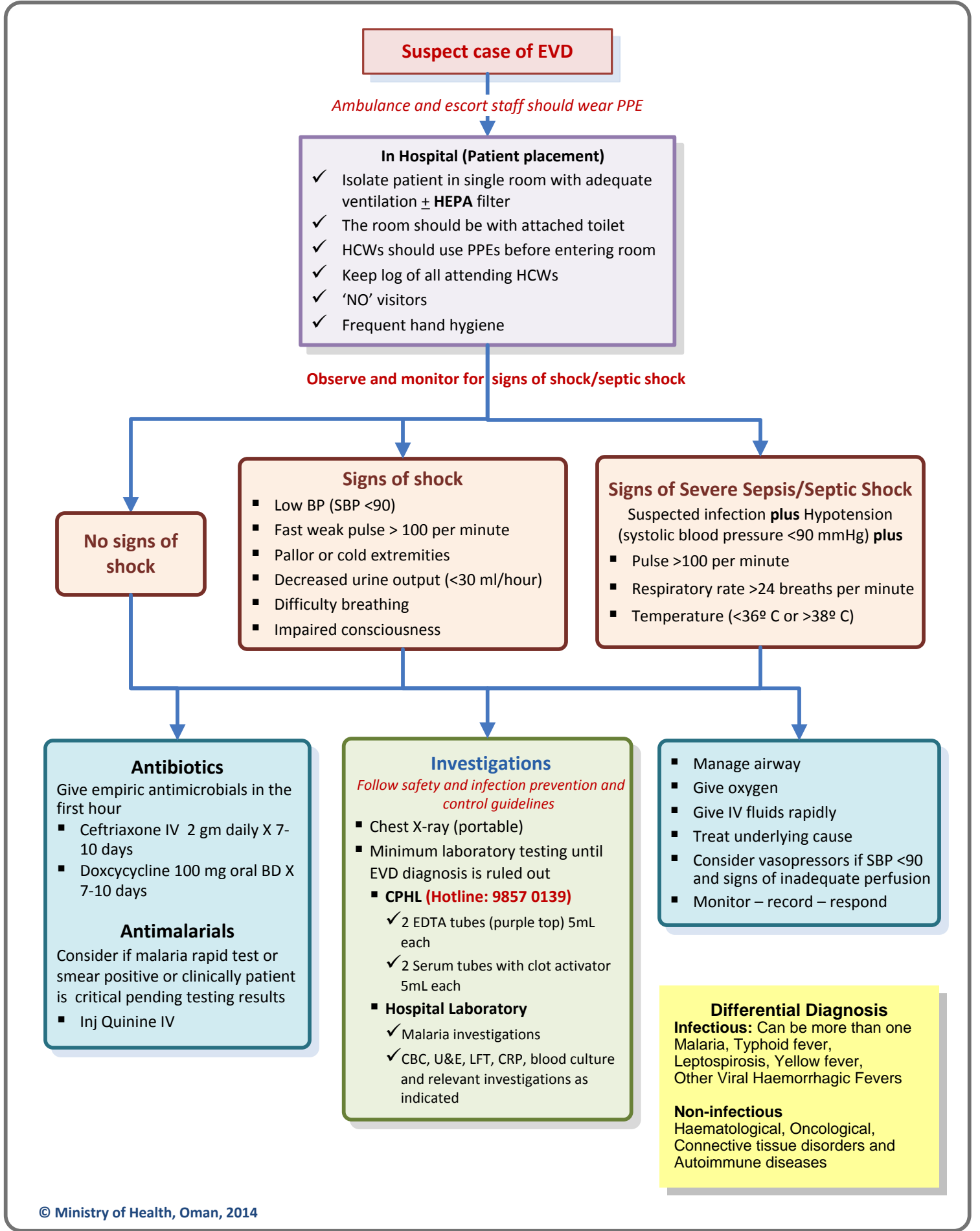




Clinical Management of Suspect Case of Ebola Virus Disease

MH/EVD/CM/Ver1.0 , Aug 2014



Suspect case of EVD

Ambulance and escort staff should wear PPE

- In Hospital (Patient placement)**
- ✓ Isolate patient in single room with adequate ventilation ± HEPA filter
 - ✓ The room should be with attached toilet
 - ✓ HCWs should use PPEs before entering room
 - ✓ Keep log of all attending HCWs
 - ✓ 'NO' visitors
 - ✓ Frequent hand hygiene

Observe and monitor for signs of shock/septic shock

No signs of shock

- Signs of shock**
- Low BP (SBP <90)
 - Fast weak pulse > 100 per minute
 - Pallor or cold extremities
 - Decreased urine output (<30 ml/hour)
 - Difficulty breathing
 - Impaired consciousness

- Signs of Severe Sepsis/Septic Shock**
- Suspected infection **plus** Hypotension (systolic blood pressure <90 mmHg) **plus**
- Pulse >100 per minute
 - Respiratory rate >24 breaths per minute
 - Temperature (<36° C or >38° C)

- Antibiotics**
- Give empiric antimicrobials in the first hour
- Ceftriaxone IV 2 gm daily X 7-10 days
 - Doxycycline 100 mg oral BD X 7-10 days
- Antimalarials**
- Consider if malaria rapid test or smear positive or clinically patient is critical pending testing results
- Inj Quinine IV

- Investigations**
- Follow safety and infection prevention and control guidelines*
- Chest X-ray (portable)
 - Minimum laboratory testing until EVD diagnosis is ruled out
 - **CPHL (Hotline: 9857 0139)**
 - ✓ 2 EDTA tubes (purple top) 5mL each
 - ✓ 2 Serum tubes with clot activator 5mL each
 - **Hospital Laboratory**
 - ✓ Malaria investigations
 - ✓ CBC, U&E, LFT, CRP, blood culture and relevant investigations as indicated

- Manage airway
- Give oxygen
- Give IV fluids rapidly
- Treat underlying cause
- Consider vasopressors if SBP <90 and signs of inadequate perfusion
- Monitor – record – respond

Differential Diagnosis

Infectious: Can be more than one Malaria, Typhoid fever, Leptospirosis, Yellow fever, Other Viral Haemorrhagic Fevers

Non-infectious
Haematological, Oncological, Connective tissue disorders and Autoimmune diseases



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