Ebola Virus Disease (EVD)
Algorithm for Evaluation of the Returned Traveler

**Ebola Virus Disease (EVD)**
Algorithm for Evaluation of the Returned Traveler

**FEVER** (subjective or \( \geq 101.5^\circ F \) or \( 38.6^\circ C \)) or compatible EVD symptoms* in patient who has traveled to an Ebola-affected area** in the 21 days before illness onset
* headache, weakness, muscle pain, vomiting, diarrhea, abdominal pain or hemorrhage

**YES**
1. Isolate patient in single room with a private bathroom and with door to hallway closed
2. Implement standard, contact, and droplet precautions (gown, facemask, eye protection, and gloves)
3. Notify the hospital Infection Control Program and other appropriate staff
4. Evaluate for any risk for EVD
5. IMMEDIATELY report to the Oklahoma State Department of Health Acute Disease Service Epi-on-Call available 24/7/365 at (405) 271-4060

**HIGH-RISK EXPOSURE**
Percutaneous (e.g., needle stick) or mucous membrane contact with blood or body fluids from an EVD patient
OR
Direct skin contact with, or exposure to blood or body fluids of, an EVD patient
OR
Processing blood or body fluids from an EVD patient without appropriate personal protective equipment (PPE) or biosafety precautions
OR
Direct contact with a dead body (including during funeral rites) in an Ebola affected area** without appropriate PPE

**TESTING IS INDICATED**
The ADS Epi-on-Call will advise on the procedure for specimen transport to CDC for testing
The ADS Epi-on-Call, in consultation with CDC, will provide guidance to the hospital on all aspects of patient care and management

**LOW-RISK EXPOSURE**
Household members of an EVD patient and others who had brief direct contact (e.g., shaking hands) with an EVD patient without appropriate PPE
OR
Healthcare personnel in facilities with confirmed or probable EVD patients who have been in the care area for a prolonged period of time while not wearing recommended PPE

**NO KNOWN EXPOSURE**
Residence in or travel to affected areas** without HIGH- or LOW-risk exposure

**Review Case with ADS Epi-on-Call at (405) 271-4060 Including:**
- Severity of illness
- Laboratory findings (e.g., platelet counts)
- Alternative diagnoses

**NO KNOWN EXPOSURE**
Residence in or travel to affected areas** without HIGH- or LOW-risk exposure

**TESTING IS NOT INDICATED**
If the patient does not require in-hospital management:
- Ensure the ADS Epi-on-Call is aware before discharge to arrange appropriate discharge instructions and to determine if the patient should self-monitor for illness
- Public health will conduct symptom monitoring for 21 days following the patient’s last exposure to an Ebola patient

If patient does require in-hospital management:
- Decisions regarding infection control precautions should be based on the patient’s clinical situation.
- Consult with hospital infection control and the ADS Epi-on-Call
- If patient’s symptoms progress or change, re-assess need for testing with the ADS Epi-on-Call

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**Special thanks to CDC for creating this document**

**Check CDC Website to check current affected areas:**
www.cdc.gov/vhf/ebola

**EVD suspected**
The ADS Epi-on-Call will advise on the procedure for specimen transport to CDC for testing
The ADS Epi-on-Call, in consultation with CDC, will provide guidance to the hospital on all aspects of patient care and management

**EVD not suspected**

**Report** asymptomatic patients with high- or low- risk exposures (see below) in the past 21 days to the Oklahoma State Department of Health (OSDH) Acute Disease Service (ADS) Epi-on-Call at (405) 271-4060

1. Isolate patient in single room with a private bathroom and with door to hallway closed
2. Implement standard, contact, and droplet precautions (gown, facemask, eye protection, and gloves)
3. Notify the hospital Infection Control Program and other appropriate staff
4. Evaluate for any risk for EVD
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ASK ABOUT TRAVEL
To Guinea, Liberia, and Sierra Leone in the past 21 days

ASK ABOUT SYMPTOMS
Fever, headache, joint & muscle aches, weakness, fatigue, diarrhea, vomiting, stomach pain, loss of appetite, or unexplained bleeding

CALL US
If both criteria are met, notify hospital leadership and the Acute Disease Service Epi-Call (405) 271-4060 available 24/7/365.

Adapted from materials created by Colorado Department of Health & Environment
LIST OF AFFECTED COUNTRIES*:

Guinea
Liberia
Sierra Leone

*These countries have widespread transmission of Ebola
IMMEDIATELY NOTIFY THE DOCTOR, NURSE, OR OTHER STAFF

If you have a: Fever AND headache, body aches, vomiting, diarrhea, stomach pain, or unexplained bruising or bleeding

AND

If you have: Arrived or returned to the U.S. in the past 21 days from

Countries with widespread transmission for Ebola: Guinea, Liberia, and Sierra Leone

Protect yourself, your family, and your community ❤️