



Government of the District of Columbia
Department of Health



Division of Epidemiology-Disease Surveillance & Investigation
November 20, 2014

Ebola Virus Disease (EVD)
Evaluation Algorithm for Ebola

HIGH RISK*	SYMPTOMS	PROCEDURES
<p>Percutaneous (e.g. needle stick) or mucous membrane contact with blood or body fluids from a person with EVD while they were symptomatic</p> <p>OR</p> <p>Direct skin contact with, or exposure to blood or body fluids of a person with EVD while they were symptomatic without appropriate personal protective equipment (PPE)</p> <p>OR</p> <p>Processed blood or body fluids from a person with EVD while they were symptomatic and did not use appropriate PPE or biosafety precautions</p> <p>OR</p> <p>Direct contact with a dead body (including during funeral rites) without appropriate PPE while in a country with widespread EVD transmission** or Mali</p> <p>OR</p> <p>Lived in the immediate household and provided direct care to a person with EVD while they were symptomatic</p>	<p>FEVER (subjective or $\geq 100.4^{\circ}\text{F}/38.0^{\circ}\text{C}$)</p> <p>OR</p> <p>Compatible EVD symptoms (severe headache, muscle pain, vomiting, diarrhea, stomach pain, or unexplained bleeding or bruising)</p>	<p>EBOLA TESTING IS INDICATED</p> <p>Rapidly isolate the person</p> <p>Contact DOH immediately and submit communicable disease report form</p> <p>DOH will arrange specimen transport and testing at a Public Health Laboratory and CDC</p> <p>In consultation with CDC, DOH will provide guidance to the hospital on all aspects of patient care and management</p> <p>Review Case with DOH Including:</p> <ul style="list-style-type: none">• Severity of illness• Rule out endemic diseases (e.g. Typhoid, Malaria)• Perform other appropriate diagnostic tests
	NO SYMPTOMS	<p>PROCEDURES</p> <p>Contact DOH immediately and submit communicable disease report form</p>

<p>SOME RISK*</p> <p>Close contact in households, healthcare facilities, or community settings with a person with EVD while the person was symptomatic</p> <p>OR</p> <p>In a country with widespread EVD transmission** or Mali and had 1) direct contact with a person with EVD while the person was symptomatic, and 2) used appropriate PPE during the contact</p>	<p>SYMPTOMS</p> <p>FEVER (subjective or $\geq 100.4^{\circ}\text{F}/38.0^{\circ}\text{C}$)</p> <p>OR</p> <p>Compatible EVD symptoms (severe headache, muscle pain, vomiting, diarrhea, stomach pain, or unexplained bleeding or bruising)</p>	<p>PROCEDURES</p> <p>Rapidly isolate the person</p> <p>Contact DOH immediately and submit communicable disease report form</p> <p>Review Case with DOH Including:</p> <ul style="list-style-type: none"> • Severity of illness • Rule out endemic diseases (e.g. Typhoid, Malaria) • Perform other appropriate diagnostic tests
	<p>NO SYMPTOMS</p>	<p>PROCEDURES</p> <p>Contact DOH immediately and submit communicable disease report form</p>
<p>LOW RISK*</p> <p>Was in a country with widespread EVD transmission** or Mali and had no known exposures</p> <p>Had brief direct contact (e.g. shaking hands), while not wearing appropriate PPE, with a person with EVD while the person was in the early stage of disease</p> <p>Was near (e.g. being in the same room) a person with EVD for a brief period of time while the person was symptomatic</p> <p>Was in a country <u>without</u> widespread EVD transmission, but had direct contact with a person with EVD while using appropriate PPE</p> <p>Traveled on an aircraft with a person with EVD while the person was symptomatic</p>	<p>SYMPTOMS</p> <p>FEVER (subjective or $\geq 100.4^{\circ}\text{F}/38.0^{\circ}\text{C}$)</p> <p>OR</p> <p>vomiting, diarrhea, or unexplained bleeding or bruising</p>	<p>PROCEDURES</p> <p>Rapidly isolate the person</p> <p>Contact DOH immediately and submit communicable disease report form</p> <p>Review Case with DOH Including:</p> <ul style="list-style-type: none"> • Severity of illness • Rule out endemic diseases (e.g. Typhoid, Malaria) • Perform other appropriate diagnostic tests
	<p>NO SYMPTOMS</p>	<p>PROCEDURES</p> <p>Contact DOH immediately and submit communicable disease report form</p>

NO IDENTIFIABLE RISK*	SYMPTOMS	PROCEDURES
Contact with an asymptomatic person who had contact with person with EVD	Any	Routine medical evaluation and management of ill persons, as needed
Contact with a person with EVD before the person developed symptoms Was in a country with widespread EVD transmission** or Mali <u>more than</u> 21 days ago Was in a country <u>without</u> widespread EVD transmission** or Mali and did not have any other exposures as defined above	NO SYMPTOMS	PROCEDURES No actions needed

* This exposure risk algorithm is only used for individuals whose potential EVD exposure occurred in the last 21 days. Individuals with potential EVD exposures more than 21 days ago are not considered at risk, regardless of their exposure risk category.

** Based on the most up-to-date CDC information