



**Government of the District of Columbia
Department of Health**



Division of Epidemiology-Disease Surveillance & Investigation
October 10, 2014

Ebola Virus Disease (EVD)
Evaluation Algorithm for Ebola

HIGH-RISK EXPOSURE*	SYMPTOMS	PROCEDURES
<p>Percutaneous (e.g., needle stick) or mucous membrane contact with blood or body fluids from an EVD patient</p> <p>OR</p> <p>Direct skin contact with, or exposure to blood or body fluids of, an EVD patient</p> <p>OR</p> <p>Processing blood or body fluids from an EVD patient without appropriate personal protective equipment (PPE) or biosafety precautions</p> <p>OR</p> <p>Direct contact with a dead body (including during funeral rites) in an Ebola affected area** without appropriate PPE</p>	<p>FEVER (subjective or $\geq 101.5^{\circ}\text{F}$ or 38.6°C)</p> <p>OR</p> <p>Compatible EVD symptoms (headache, weakness, muscle pain, vomiting, diarrhea, abdominal pain or hemorrhage)</p>	<p align="center">EBOLA TESTING IS INDICATED</p> <p>Isolate the patient and use standard droplet and contact precautions</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
	<p align="center">NO SYMPTOMS</p>	<p align="center">PROCEDURES</p> <p>Contact DOH immediately and submit communicable disease report form</p>

<p>LOW-RISK EXPOSURE*</p> <p>Household members of an EVD patient and others who had brief direct contact (e.g., shaking hands) with an EVD patient without appropriate PPE</p> <p>OR</p> <p>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</p> <p>OR</p> <p>Other close contact with an EVD patient (health care or community setting)</p>	<p>SYMPTOMS</p> <p>FEVER (subjective or $\geq 101.5^{\circ}\text{F}$ or 38.6°C)</p> <p>OR</p> <p>Compatible EVD symptoms (headache, weakness, muscle pain, vomiting, diarrhea, abdominal pain or hemorrhage)</p>	<p>PROCEDURES</p> <p>Isolate the patient and use standard droplet and contact precautions</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>NO KNOWN EXPOSURE*</p> <p>Person who has traveled to an Ebola-affected area** and has had no known exposures</p>	<p>SYMPTOMS</p> <p>FEVER (subjective or $\geq 101.5^{\circ}\text{F}$ or 38.6°C)</p> <p>OR</p> <p>Compatible EVD symptoms (headache, weakness, muscle pain, vomiting, diarrhea, abdominal pain or hemorrhage)</p>	<p>PROCEDURES</p> <p>Isolate the patient and use standard droplet and contact precautions</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>Self-monitor until 21 days after the last potential EVD exposure</p> <p>Visit a health care provider if fever or other symptoms consistent with EVD develop (see “SYMPTOMS”)</p>

* 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