

Update #6 on Ebola Virus Disease (EVD)

Monday January 5, 2015

Target audience: Clinical laboratories

Current Information:

This is an evolving situation. This document is based on currently available information. Updates will be provided as additional information becomes available.

- As of December 31, 2014, a total of 20,416 cases and 8004 deaths have been reported.

EVD Testing Steps:

Authorization for testing is required. MDCH cannot perform Ebola testing without CDC approval.

DO NOT SEND SPECIMENS DIRECTLY TO CDC

- Patient suspected of EVD presents to health facility
- Perform routine laboratory testing as available-platelet count, AST/ALT, INR, Hgb/HCT, Creatinine, INR, malaria
- Contact MDCH Communicable Disease Division for authorization: 517-335-8165 Off hours: 517-335-9030
- MDCH Communicable Disease Epidemiologist reviews patient history with physician/designee and CDC to determine if patient meets testing criteria.
- If testing criteria is met, CDC assigns a PUI# (Patient Under Investigation number) to patient
- Submitting facility communicates with MDCH BOL;PUI # verified - 517-335-8063 Off hours: 517-335-9030
- MDCH BOL advises submitting facility on additional testing, specimen collection, and packaging
- MDCH BOL will help facilitate transport of specimen

Confirmed EVD Patient Testing:

In the event that a healthcare worker has a percutaneous exposure to blood and/or body fluids from a confirmed EVD patient, the following testing is available from MDCH:

- HIV on source EVD positive patient
- NOTE: Hepatitis B testing will not be available. Inactivation of EVD virus interferes with Hepatitis B testing.
 - Occupational Health physician consult suggested for possible HBV vaccine booster.

Steps for laboratories to take now

Please review and share this information with others in your facility.

Further Information

More information is available at the following:

Under "What's New" on the MDCH BOL website: <http://www.michigan.gov/mdchlab>

MDCH EVD website: <http://www.michigan.gov/ebola>

CDC EVD website at: <http://www.cdc.gov/vhf/ebola/index.html>

Questions

For laboratory related questions, please contact:

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