

LOCAL HEALTH DEPARTMENT DISEASE INVESTIGATION STEPS

NC REPORTABLE DISEASE/CONDITION	INFECTIOUS AGENT (S)
ENCEPHALITIS, ARBOVIRAL, OTHER	<i>Multiple Viruses</i>
PREPARING FOR INVESTIGATION	
KNOW THE DISEASE/CONDITION	<ul style="list-style-type: none"> • Read about Encephalitis, Arboviral in the CD Manual. • See the case definition for Encephalitis, Arboviral in the CD Manual. • Study APHA <i>Control of Communicable Diseases Manual</i>, 19th ed., pp 34 - 49. • Print and review reporting forms: <i>Part 1: Confidential Disease Report (DHHS 2124)</i> <i>Part 2: Encephalitis, Arboviral ,Other (DHHS/EPI #98)</i>
CONDUCTING INVESTIGATION	
COLLECT CLINICAL INFORMATION	<ul style="list-style-type: none"> • If patient hospitalized for this disease, obtain medical record (admission note, progress note, lab report(s), and discharge summary). • Obtain healthcare provider clinical notes from date(s) of service for this disease/condition. • Look for evidence in the medical record that supports clinical findings described in the case definition.
REVIEW LABORATORY INFORMATION	<ul style="list-style-type: none"> • Review laboratory report(s) specific to this disease or facilitate testing through the SLPH if indicated. • Evaluate laboratory results to determine if requirements of the case definition are satisfied. • Contact healthcare provider if further testing of the patient is indicated.
APPLY THE CASE DEFINITION	<ul style="list-style-type: none"> • Use the case definition to determine if the clinical and laboratory findings meet the case definition criteria.
IMPLEMENTING CONTROL MEASURES	
ATTEMPT TO IDENTIFY SOURCE OF EXPOSURE	<ul style="list-style-type: none"> • Review clinical records for potential source(s) of exposure. • If probable source of exposure is not evident in clinical information, interview patient to obtain additional information.
IMPLEMENT CONTROL MEASURES TO PREVENT DISEASE AND ADDITIONAL EXPOSURES	<ul style="list-style-type: none"> • Alert the local health director, environmental health specialists and mosquito control officials to the existence of the case and encourage mosquito control measures. • Use the CDC website www.cdc.gov to teach at risk people about the disease.

REPORTING INVESTIGATION	
REPORT TO NC COMMUNICABLE DISEASE BRANCH (CD)	<ul style="list-style-type: none"> • Enter Part 1 and Part 2 Communicable Disease Reports into NC EDSS as a new event, or update the existing event if already entered. • Assign event to State Disease Registrar when case investigation complete.
CASE FINDING	<ul style="list-style-type: none"> • During the course of the investigation, look for symptoms of disease in other exposed individuals. • Refer symptomatic individuals to healthcare provider for evaluation. • If two or more cases are epidemiologically linked, report as an outbreak of Encephalitis, Arboviral, Other. • If indicated, submit outbreak summary report within 30 days from close of outbreak.
SPECIAL CONSIDERATIONS	
STATE LABORATORY OF PUBLIC HEALTH (SLPH) TESTING	<ul style="list-style-type: none"> • Consider verifying the laboratory test results by sending specimen(s) to the SLPH/CDC for reference testing.
PERSONAL PROTECTIVE MEASURES	<ul style="list-style-type: none"> • Enteric precautions appropriate until enterovirus meningoencephalitis (see viral meningitis) is ruled out. Not transmitted from person to person except rarely by transfusion.
RISK COMMUNICATION	<ul style="list-style-type: none"> • Consider using risk communication tools conservatively if this is a low profile case. • Outbreaks will need NC HAN alerts, EPI-X reports, MD alerts, and probably a press release. • NC DHHS Public Information Office (919) 733-9190 is available to assist local health departments as needed.