## LOCAL HEALTH DEPARTMENT DISEASE INVESTIGATION STEPS

<table>
<thead>
<tr>
<th>NC REPORTABLE DISEASE/CONDITION</th>
<th>INFECTIOUS AGENT (S)</th>
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<tbody>
<tr>
<td>TOXIC SHOCK SYNDROME, (NON-STREPTOCOCCAL)</td>
<td><em>Staphylococcus aureus</em>, exotoxin producing strains</td>
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### PREPARING FOR INVESTIGATION

**KNOW THE DISEASE/CONDITION**
- Read about Toxic Shock Syndrome (Non-streptococcal) in the CD Manual.
- See the case definition for Toxic Shock Syndrome (Non-streptococcal) in the CD Manual.
- Print and review reporting forms:
  - Part 1: Confidential Disease Report (DHHS 2124)
  - Part 2: Toxic Shock Syndrome (Non-streptococcal) (DHHS/EPI #41)

### CONDUCTING INVESTIGATION

**COLLECT CLINICAL INFORMATION**
- Obtain admission note, progress note, and discharge summary if patient hospitalized for this disease/condition.
- 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**
- Review laboratory report(s) specific to this disease including results of RMSF, leptospirosis and/or measles testing if performed.
- 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**
- 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**
- 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**
- Use the CDC website [www.cdc.gov](http://www.cdc.gov) to teach at risk people about the disease.
- Consider risk communication messages to public and health professionals.

### REPORTING INVESTIGATION

**REPORT TO NC COMMUNICABLE DISEASE BRANCH (CD)**
- 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**
- During the course of the investigation, look for symptoms of the disease in other exposed individuals.
- Refer symptomatic individuals to healthcare provider for evaluation.

### SPECIAL CONSIDERATIONS

**STATE LABORATORY OF PUBLIC HEALTH (SLPH) TESTING**
- In high profile cases, consider verifying the laboratory test results by sending specimen(s) to the SLPH/CDC for reference testing. (Examples of high profile cases: hospitalized patients, deaths, cases involving one particular product.)