



Send completed forms to  
DPHHS CDEpi Program  
Fax: 800-616-7460

Case ID \_\_\_\_\_

Reported to DPHHS \_\_\_\_ / \_\_\_\_ / \_\_\_\_

Probable  STSS

Confirmed  TSS

County \_\_\_\_\_

# Toxic Shock Syndrome

## REPORT SOURCE

LHJ notification date \_\_\_\_ / \_\_\_\_ / \_\_\_\_

Investigation start date \_\_\_\_ / \_\_\_\_ / \_\_\_\_

Reporter (check all that apply)  Lab  Hospital  
 HCP  Public health agency  Other \_\_\_\_\_

Reporter name \_\_\_\_\_

Reporter phone \_\_\_\_\_

Primary HCP name \_\_\_\_\_

Primary HCP phone \_\_\_\_\_

## PATIENT INFORMATION

Name (Last, First) \_\_\_\_\_

Address \_\_\_\_\_  Homeless

City/State/Zip \_\_\_\_\_

Phone(s)/Email \_\_\_\_\_

Alt. contact  Parent/guardian  Spouse  Other

Name: \_\_\_\_\_

Phone: \_\_\_\_\_

Birth date \_\_\_\_ / \_\_\_\_ / \_\_\_\_ Age \_\_\_\_

Gender  F  M  Other  Unk

Ethnicity  Hispanic or Latino  
 Not Hispanic or Latino  Unk

Race (check all that apply)  
 Amer Ind/AK Native  Asian  
 Native HI/other PI  Black/Afr Amer  
 White  Other  Unk

## LABORATORY INFORMATION

Specimen Tested  Blood  CSF  Wound  Other \_\_\_\_\_

Isolate Identified  *S. pyogenes* (GAS)  Other \_\_\_\_\_  None

Rocky Mountain Spotted Fever Titer  Elevated  Normal  Not performed

Leptospirosis titer  Elevated  Normal  Not performed

Measles titer  Elevated  Normal  Not performed

If the specimen is positive for  
*Streptococcus pyogenes* or Group A  
Strep, use the STSS criteria below.  
Otherwise, use the TSS criteria.

## CLINICAL INFORMATION

Illness Onset date: \_\_\_\_ / \_\_\_\_ / \_\_\_\_

Diagnosis date: \_\_\_\_ / \_\_\_\_ / \_\_\_\_

Illness duration: \_\_\_\_\_ days

Hospitalized date: \_\_\_\_ / \_\_\_\_ / \_\_\_\_

Discharge date: \_\_\_\_ / \_\_\_\_ / \_\_\_\_

Outcome  Survived  Died  Unknown

### Streptococcal Toxic Shock Syndrome (STSS)

### Non Strep Toxic Shock Syndrome (TSS)

#### CASE DEFINITION CRITERIA Check box to indicate condition and case classification

**Probable**

A case that meets the clinical case definition in the absence of another identified etiology for the illness and with isolation of group A *Streptococcus* from a non-sterile site.

**Confirmed**

A case that meets the clinical case definition and with isolation of group A *Streptococcus* from a normally sterile site (e.g., blood or cerebrospinal fluid or, less commonly, joint, pleural, or pericardial fluid).

**Probable**

A case which meets the laboratory criteria and in which four of the five clinical criteria described below are present

**Confirmed**

A case which meets the laboratory criteria and in which all five of the clinical criteria described below are present, including desquamation, unless the patient dies before desquamation occurs

Streptococcal Toxic Shock Syndrome (STSS)	Non Strep Toxic Shock Syndrome (TSS)
<p><b>Laboratory Criteria</b></p> <p>Isolation of group A <i>Streptococcus</i>.</p>	<p><b>Laboratory Criteria</b></p> <p>Negative results on the following tests, if obtained:</p> <ul style="list-style-type: none"> <li>• Blood or cerebrospinal fluid cultures (blood culture may be positive for <i>Staphylococcus aureus</i>)</li> <li>• Negative serologies for Rocky Mountain spotted fever, leptospirosis, or measles</li> </ul>
<p><b>Clinical Criteria</b></p> <p>An illness with the following clinical manifestations:</p> <p><input type="checkbox"/> Hypotension *</p> <p><input type="checkbox"/> Multi-organ involvement characterized by two or more of the following:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> <u>Renal impairment</u>: Creatinine greater than or equal to 2mg/dL (greater than or equal to 177 µmol/L) for adults or greater than or equal to twice the upper limit of normal for age. In patients with preexisting renal disease, a greater than twofold elevation over the baseline level.</li> <li><input type="checkbox"/> <u>Coagulopathy</u>: Platelets less than or equal to 100,000/mm<sup>3</sup> (less than or equal to 100 x 10<sup>6</sup>/L) or disseminated intravascular coagulation, defined by prolonged clotting times, low fibrinogen level, and the presence of fibrin degradation products.</li> <li><input type="checkbox"/> <u>Liver involvement</u>: Alanine aminotransferase, aspartate aminotransferase, or total bilirubin levels greater than or equal to twice the upper limit of normal for the patient's age. In patients with preexisting liver disease, a greater than twofold increase over baseline levels.</li> <li><input type="checkbox"/> <u>Acute respiratory distress syndrome</u>: Defined by acute onset of diffuse pulmonary infiltrates and hypoxemia in the absence of cardiac failure or by evidence of diffuse capillary leak manifested by acute onset of generalized edema, or pleural or peritoneal effusions with hypoalbuminemia.</li> <li><input type="checkbox"/> A <u>generalized erythematous macular rash</u> that may desquamate.</li> <li><input type="checkbox"/> <u>Soft-tissue necrosis</u>, including necrotizing fasciitis or myositis, or gangrene.</li> </ul>	<p><b>Clinical Criteria</b></p> <p>An illness with the following clinical manifestations:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Fever ≥ 102.0°F (38.9°C)</li> <li><input type="checkbox"/> Rash: Diffuse macular erythroderma</li> <li><input type="checkbox"/> Desquamation: 1-2 weeks after rash onset</li> <li><input type="checkbox"/> Hypotension (low blood pressure) *</li> <li><input type="checkbox"/> Multisystem involvement (three or more of the following): <ul style="list-style-type: none"> <li><input type="checkbox"/> <u>Gastrointestinal</u>: vomiting or diarrhea at onset of illness</li> <li><input type="checkbox"/> <u>Muscular</u>: severe myalgia or creatine phosphokinase level at least twice the upper limit of normal</li> <li><input type="checkbox"/> <u>Mucous membrane</u>: vaginal, oropharyngeal, or conjunctival hyperemia</li> <li><input type="checkbox"/> <u>Renal</u>: blood urea nitrogen or creatinine at least twice the upper limit of normal for laboratory or urinary sediment with pyuria (greater than or equal to 5 leukocytes per high-power field) in the absence of urinary tract infection</li> <li><input type="checkbox"/> <u>Hepatic</u>: total bilirubin, alanine, aminotransferase enzyme, or aspartate aminotransferase enzyme levels at least twice the upper limit of normal for laboratory</li> <li><input type="checkbox"/> <u>Hematologic</u>: platelets less than 100,000/mm<sup>3</sup></li> <li><input type="checkbox"/> <u>Central nervous system</u>: disorientation or alterations in consciousness without focal neurologic signs when fever and hypotension are absent</li> </ul> </li> </ul>
<p>* Systolic blood pressure less than or equal to 90 mm Hg for adults or less than fifth percentile by age for children aged less than 16 years</p>	<p><b>NOTES</b></p>