

### Case 4 (June 2008):

Geriatric male presenting with fever | erythematous rash | dry mucous membranes | leucocytosis

**DIAGNOSIS MADE:** President of the Medical Staff said: “The diagnosis of Toxic Shock was made very late”. Subsequently it was discovered that the patient had an abscess in the gluteal region.

**FINAL DIAGNOSIS:** Staphylococcal Toxic Shock

... misdiagnosis is killing thousands of Americans every year. Isabel ... allows doctors to type in a patient's symptoms and, in response, spits out a list of possible causes. It does not replace doctors, but makes sure they can consider some unobvious possibilities ...  
*The New York Times*, Feb 2006 [Read more...](#)

nt **DIAGNOSIS** **KNOWLEDGE** [START CME Capture](#) Logout

**Enter Clinical Features** [Quick Reference Guides](#)

age \*  gender  pregnancy

**ENTER QUERY TERMS ON SEPARATE LINES:**  
[Use terms as they would appear in a textbook, convert numerical values, avoid abbreviations, avoid normal / negative features & avoid repetition.](#)

**Predictive Text** prompt only appears after typing the 3rd character of a word.  
 on  off

**Search**

from  [to sort infectious diseases according to regional prevalence](#)  
 specialty / sub-specialty

[Example of query entry](#) [Advanced search tips...](#)

**Forbes**

Isabel returns a list of possible diagnoses, including more obscure diseases many doctors might not consider... the real benefits could come in the event of a terrorist or similar catastrophic event...

[Read more...](#)

"Isabel : 98% cas closure"  
[Mark Gr at the V.](#)

**DIAGNOSIS**

**KNOWLEDGE**

**START CME Capture**

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**GENERAL**

[Original Results](#)

**CLASSIC VIEW**

[Alternate View](#)

[Degree Of Match View](#)

[Alphabetical View](#)

[Synonyms](#)

[Search Again / Refine](#)

[Query](#)

**Commoner diagnoses ranked higher**

**Save and review query later**

<p><b>INFECTIOUS DISEASES</b> &gt;&gt; click to collapse</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> <a href="#">Measles Infection</a> ? RD</li> <li><input type="checkbox"/> <a href="#">Influenza and Parainfluenza Viruses</a> ? RD</li> <li><input type="checkbox"/> <a href="#">Meningococcal Disease</a> ? RD</li> <li><input type="checkbox"/> <a href="#">Gr. A Streptococcus Infection</a> ? RD</li> <li><input type="checkbox"/> <a href="#">Herpes Zoster</a> ? RD</li> <li><input type="checkbox"/> <a href="#">Toxic Shock Syndrome</a> ? RD</li> </ul> <div style="border: 1px solid black; background-color: #ffff00; padding: 5px; margin: 5px 0;"> <p><b>Why did this diagnosis come up ?</b></p> <p>We matched the terms: leukocytosis   fever   fevers   erythemat   erythematous   rash   mucous   membran   membranes</p> <p><b>Degree of match between query entered and isabel database (Not clinical probability): 75%</b></p> </div> <ul style="list-style-type: none"> <li><input type="checkbox"/> <a href="#">Herpes Simplex Virus Infection</a> ? RD</li> <li><input type="checkbox"/> <a href="#">VZV Infection</a> ? RD</li> <li><input type="checkbox"/> <a href="#">Rickettsialpox</a> ? RD</li> <li><input type="checkbox"/> <a href="#">Relapsing Fever</a> ? RD</li> <li><input type="checkbox"/> <a href="#">HHV6 and 7 Infection</a> ? RD</li> <li><input type="checkbox"/> <a href="#">Listeriosis</a> ? RD</li> <li><input type="checkbox"/> <a href="#">Actinomycoses Infection</a> ? RD</li> <li><input type="checkbox"/> <a href="#">Syphilis</a> ? RD</li> <li><input type="checkbox"/> <a href="#">Tularemia</a> ? RD</li> <li><input type="checkbox"/> <a href="#">Salmonella Infections</a> ? RD</li> </ul>	<p><b>DERMATOLOGY</b> &lt;&lt; click to expand</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> <a href="#">Dermatophyte Infections</a> ? RD</li> <li><input type="checkbox"/> <a href="#">Steven-Johnson Syndrome</a> ? RD</li> </ul>
<p><b>RHEUMATIC DISEASES</b> &lt;&lt; click to expand</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> <a href="#">SLE</a> ? RD</li> </ul>	<p><b>NEPHROLOGY</b> &lt;&lt; click to expand</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> <a href="#">Renal Failure</a> ? RD</li> <li><input type="checkbox"/> <a href="#">Urinary Tract Infection</a> ? RD</li> </ul>
<p><b>RESPIRATORY DISORDERS</b> &lt;&lt; click to expand</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> <a href="#">Viral Pneumonia</a> ? RD</li> </ul>	<p><b>GASTROINTESTINAL DISORDERS</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> <a href="#">Pseudomembranous / Drug-Induced Colitis</a> ? RD</li> <li><input type="checkbox"/> <a href="#">Herpes Labialis</a> ? RD</li> </ul>
<p><b>NUTRITIONAL DISORDERS</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> <a href="#">Vit C Deficiency</a> ? RD</li> </ul>	<p><b>ENDOCRINE SYSTEM</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> <a href="#">Diabetic Ketoacidosis</a> ? RD</li> </ul>
<p><b>TOXICOLOGY</b> &lt;&lt; click to expand</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> <a href="#">Drug Overdose/Poisoning</a> ? RD</li> </ul>	<p><b>ALLERGIC DISORDERS</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> <a href="#">Urticaria / Angioedema</a> ? RD</li> </ul>
<p><b>CARDIAC DISORDERS</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> <a href="#">Hypotensive Disorders</a> ? RD</li> </ul>	<p><b>SHOCK STATES</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> <a href="#">Hypovolemic Shock</a> ? RD</li> </ul>

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