

Case 9 (June 2008):

A four-month old male infant presenting with hypotonia | weak cry

Patient presented to ER with the above symptoms, it was not until the patient was admitted to the PICU that the diagnosis was finally made.

FINAL DIAGNOSIS: Botulism, diagnosis was made very late.

THE WALL STREET JOURNAL.
Nov 2006
Mark Graber MD "Isabel suggested the correct diagnosis in 98% cases diagnosis decision-support systems can help doctors avoid falling victim to "premature closure"
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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.](#)

hypotonia
weak cry


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...](#)



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...

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...impre
delivere
assess f

Leslie
Hospita

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GENERAL

Original Results

CLASSIC VIEW

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Commoner diagnoses ranked higher

Save and review query later

<div style="border: 1px solid black; padding: 2px; margin-bottom: 2px;"> <p>NEUROMUSCULAR DISORDERS << click to expand</p> <p>Congenital Myopathies ? RD</p> <p>Myasthenia Gravis ? RD</p> <p>Muscular Dystrophies ? RD</p> </div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 2px;"> <p>NERVOUS SYSTEM DISORDERS << click to expand</p> <p>Neural Tube Defects ? RD</p> </div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 2px;"> <p>HUMAN GENETICS << click to expand</p> <p>Prader-Willi Syndrome ? RD</p> </div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 2px;"> <p>GASTROINTESTINAL DISORDERS</p> <p>Intussusception ? RD</p> </div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 2px;"> <p>METABOLIC DISEASES << click to expand</p> </div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 2px;"> <p>ORTHOPEDIC DISORDERS << click to expand</p> </div> <div style="border: 1px solid black; padding: 2px;"> <p>TOXICOLOGY << click to expand</p> </div>	<div style="border: 1px solid black; padding: 2px; margin-bottom: 2px;"> <p>RESPIRATORY DISORDERS << click to expand</p> <p>Croup / Laryngotracheobronchitis ? RD</p> </div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 2px;"> <p>INFECTIOUS DISEASES >> click to collapse</p> <p>Brucellosis ? RD</p> <p>Botulism ? RD</p> <div style="background-color: yellow; border: 1px solid black; padding: 5px; margin-top: 5px;"> <p>Why did this diagnosis come up ?</p> <p>We matched the terms: hypotonia hypotonic weak cry</p> <p>Degree of match between query entered and isabel database (Not clinical probability): 88%</p> </div> </div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 2px;"> <p>OBSTETRIC DISORDERS</p> <p>Chorioamnionitis ? RD</p> </div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 2px;"> <p>ENDOCRINE SYSTEM</p> <p>Hypothyroidism ? RD</p> </div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 2px;"> <p>CARDIAC DISORDERS << click to expand</p> </div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 2px;"> <p>LIVER DISORDERS << click to expand</p> </div> <div style="border: 1px solid black; padding: 2px;"> <p>SHOCK STATES << click to expand</p> </div>
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