

Case 18 (June 4 2009): [N Engl J Med. 360\(23\):2456-2464](#)

Demographic: Female, 24yrs, Pregnancy not specified, Africa Southern, General speciality

Clinical features extracted from the case and entered into the query

box:

progressive productive cough
dyspnea
fevers
night sweats
weight loss
tachypnea
bilateral pedal edema
rales
confusion

Synonyms used by Isabel for the above query:

weight loss
night sweats
rales
dyspnea
tachypnea
productive cough
fever
pedal edema
confusion

STOP !

Before you read further you might want to construct your own:

- Final diagnosis

In the following section you will find:

- The final diagnosis of the case
- Did Isabel suggest the Final diagnosis

Final Diagnosis of the case according to NEJM:

Drug resistant tuberculosis

Was the final diagnoses given by Isabel:

Yes, Drug resistant tuberculosis – under Tuberculosis in Infectious diseases

Isabel Differential:

+ RESPIRATORY DISORDERS << click to expand	- INFECTIOUS DISEASES >> click to collapse
<ul style="list-style-type: none"> Bacterial Pneumonia ? RD Atypical Pneumonia ? RD Viral Pneumonia ? RD Pulmonary Thromboembolism ? RD 	<ul style="list-style-type: none"> <input type="checkbox"/> Tuberculosis ? RD
<p>Why did this diagnosis come up ?</p> <p>We matched the terms: weight loss night sweats crep SOB diB increased rr productive cough fever fevers loss of weight loc confused</p> <p>Degree of match between query entered and isabel database (Not clinical probability): 64%</p>	
+ CARDIAC DISORDERS << click to expand	<ul style="list-style-type: none"> ...CNS TB & TB Meningitis ...Disseminated / Miliary TB ...Drug Resistant Tuberculosis ...TB in HIV ...Tuberculomas ...Tuberculosis GI Disease
+ NEOPLASTIC DISEASES << click to expand	
+ RHEUMATIC DISEASES << click to expand	
+ NEPHROLOGY DISORDERS << click to expand	<ul style="list-style-type: none"> <input type="checkbox"/> Anthrax ? RD <input type="checkbox"/> CMV Infections ? RD Nocardia Infection ? RD <input type="checkbox"/> Aspergillus Infection ? RD Coccidioidomycosis ? RD
+ GYNECOLOGICAL DISORDERS << click to expand	