

Case 17 (May 28 2009): [N Engl J Med. 360\(22\):2341-2351](#)

Demographic: Male, 30yrs, America North, General speciality

Clinical features extracted from the case and entered into the query

box:

fever
fatigue
oral and genital ulcers
intermittent headaches
word finding difficulty
tonic clonic seizure
right hemiparesis
hypokinesia
spastic gait

Synonyms used by Isabel for the above query:

spastic gait
fatigue
seizure
word finding difficulty
fever
headache
hemiparesis

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

Differential Diagnoses considered by the MGH panel:

Herpes simplex virus infection
Tuberculosis
Multiple sclerosis
SLE
Sarcoidosis

Final Diagnosis of the case according to NEJM:

Neuro-Behçet's disease

Differential Diagnoses of the case as given by Isabel:

Herpes simplex virus infection – under Infectious diseases
Tuberculosis – under Infectious diseases
Multiple sclerosis – under Nervous system
SLE – under Rheumatic diseases
Sarcoidosis – under Respiratory disorders

Was the final diagnosis given by Isabel:

Yes, Behçet's disease under Rheumatic diseases

Isabel Differential:

<p>+ INFECTIOUS DISEASES << click to expand</p> <ul style="list-style-type: none"> Bacterial Meningitis ? RD Viral Meningoencephalitis ? RD Tuberculosis ? RD 	<p>+ NERVOUS SYSTEM DISORDERS << click to expand</p> <ul style="list-style-type: none"> Intracranial Abscess ? RD Epilepsy & Seizure Disorders ? RD Multiple Sclerosis ? RD Cerebral Sinus Venous Thrombosis ? RD
<p>+ DERMATOLOGY DISORDERS << click to expand</p> <ul style="list-style-type: none"> Steven-Johnson Syndrome ? RD Toxic Epidermal Necrolysis ? RD 	<p>METABOLIC DISEASES</p> <ul style="list-style-type: none"> Acute Porphyrria ? RD
<p>- RHEUMATIC DISEASES >> click to collapse</p> <ul style="list-style-type: none"> SLE ? RD Lymphomatoid Granulomatosis ? RD Behcet's Syndrome ○ RD <div style="border: 1px solid black; background-color: #ffffcc; padding: 5px; margin: 5px 0;"> <p>Why did this diagnosis come up ?</p> <p>We matched the terms: malaise fever fevers oral genit genital ulcer ulcers</p> <hr/> <p>Degree of match between query entered and isabel database (Not clinical probability): 34%</p> </div> <ul style="list-style-type: none"> Aortic Arch Syndrome ? RD Relapsing Polychondritis ? RD Microscopic Polyangiitis ? RD 	<p>+ RESPIRATORY DISORDERS << click to expand</p> <p>+ UROLOGIC DISORDERS << click to expand</p> <p>+ CARDIAC DISORDERS << click to expand</p> <p>+ GENETIC DISORDERS << click to expand</p> <p>+ LIVER DISORDERS << click to expand</p>
<p>+ NEOPLASTIC DISEASES << click to expand</p>	
<p>+ HEMATOLOGY DISORDERS << click to expand</p>	
<p>+ GASTROINTESTINAL DISORDERS << click to expand</p>	
<p>+ ENVIRONMENTAL HEALTH DISORDERS << click to expand</p>	