
Demographic: Male, 45 yrs, America North, General speciality

Clinical features extracted from the case and entered into the query box:
fever
confusion
photophobia
neck stiffness
headaches
fatigue
somnolent
diarrhea
slurred speech
difficulty walking
intermittent incontinence of urine and stool
chills
diffuse hyperreflexia
myoclonic jerks
immunocompromised

Synonyms used by Isabel for the above query:
Fever
Confusion
Photophobia
Neck stiffness
Headaches
Fatigue
Somnolent
Diarrhea
Slurred speech
Difficulty walking

STOP!

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

- Complete differential diagnosis
- Final diagnosis
In the following section you will find:

- The differential diagnosis constructed by the MGH panel
- The final diagnosis of the case
- Which of the MGH panel differential diagnoses did Isabel contain
- Did Isabel suggest the Final diagnosis

**Differential Diagnoses considered by the MGH panel:**
Donor-Derived Infections – Cryptococcal infection

**Final Diagnosis of the case according to NEJM:**
Disseminated cryptococcosis with cryptococcal meningitis in a liver-allograft recipient.

**Differential Diagnoses of the case as given by Isabel:**
Cryptococcal meningitis – under Infectious diseases heading, Under Fungal Meningitis
Cryptococcal neoformans – under Infectious disease heading

**Was the final diagnosis given by Isabel:**
Yes, under Infectious diseases heading
INFECTIONOUS DISEASES
- Measles Infection
- Influenza and Parainfluenza Viruses
- Bacterial Meningitis
- Viral Meningoencephalitis
  Meningococcal Disease
  Tuberculosis
- Toxic Shock Syndrome
- Shigellosis Infections
- Arboviral Infections / Encephalitides
- Fungal Meningitis

Why did this diagnosis come up?
We matched the terms: fatigue | lethargy | Stiff neck | meningismus | Photophobia | fever | fevers | headache | headaches | confusion | altered mental state | loc | confused | altered mental status | obtundation | obtund | DIFFUS | diffuse | IMMUNOCOMPROM | immunocompromised

Degree of match between query entered and Isabel database (Not clinical probability): 54%

CRYPTOCOCCAL Meningitis

RHEUMATIC DISEASES
- SLE

LIVER DISORDERS
- Viral Hepatitis

GASTROINTESTINAL DISORDERS
- Inflammatory Bowel Disease

ENVIRONMENTAL HEALTH HAZARDS
- Diseases of High Altitudes

NERVOUS SYSTEM DISORDERS
- Intracranial Abscess

NEPHROLOGY
- Renal Failure

TOXICOLOGY
- Substance Abuse

ENDOCRINE SYSTEM
- Hyperthyroidism