
Demographic: Male, 8 days old, America North, General speciality

Clinical features extracted from the case and entered into the query box:
- congenital deafness
- lethargy
- hypothermia
- weakness
- respiratory distress
- raised intracranial pressure
- hypotonia
- elevated lactate in CSF
- abnormal posturing

Synonyms used by Isabel for the above query:
- Lethargy
- Respiratory distress
- Raised intracranial pressure
- Hypotonia
- Abnormal posturing

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:**
Mitochondrial encephalopathy
Bacterial Meningitis
Viral Meningoencephalitis – Herpes Simplex

**Final Diagnosis of the case according to NEJM:**
Leigh's syndrome

**Differential Diagnoses of the case as given by Isabel:**
Leigh's syndrome - under Nervous system disorders heading
Bacterial Meningitis – under Infectious diseases heading
Viral Meningoencephalitis – Herpes Simplex – under Infectious diseases heading

**Was the final diagnosis given by Isabel:**
Yes, under Nervous system disorders heading