
**Demographic:** Male, 9 months, North America

**Clinical features extracted from the case and entered into the query box:**
- fever
- diarrhea
- microvesicular steatosis
- lethargy
- irritability
- intermittent vomiting
- elevated triglyceride level
- hyperammonemia

**Synonyms used by Isabel for the above query:**
- fever
- diarrhea
- lethargy
- irritability
- hyperammonemia
- elevated triglyceride level
- microvesicular steatosis

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:**
Hemophagocytic lymphohistiocytosis
**Final Diagnosis of the case according to NEJM:**
Microvesicular hepatic steatosis due to CACT deficiency

**Differential Diagnoses of the case as given by Isabel:**
Hemaphagocytic lymphohistiocytosis in Neoplastic

**Was the final diagnosis given by Isabel:**
Yes, Carnitine-Acylcarnitine Translocase Deficiency in Metabolic

**Isabel Checklist Differential:**

![Isabel Medical Software Interface](image)