
**Demographic:** Female, 50 yrs, North America

**Clinical features extracted from the case and entered into the query box:**
- ear pain
- conductive hearing loss
- ear blockage
- recurrent otitis media
- otitis externa
- ear mass

**Synonyms used by Isabel for the above query:**
- ear pain
- ear blockage
- recurrent otitis media
- otitis externa
- ear mass

**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:**
- Lymphoma

**Final Diagnosis of the case according to NEJM:**
- (i) Myeloid sarcoma
- (ii) Acute Myeloid Leukemia

**Differential Diagnoses of the case as given by Isabel:**
- Lymphoma in Neoplastic
**Was the final diagnosis given by Isabel:**
Yes, (i) Myeloid sarcoma under Acute Myeloid Leukemia in Neoplastic
(ii) Acute Myeloid Leukemia under Leukemia in Neoplastic

**Isabel Differential:**