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Case 36 (November 25 2010): [N Engl J Med. 363\(22\):2146-2156](#)

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:

enter clinical features | synonyms

age*

gender female male

pregnancy

Refine search:

travel history:

show me:

diagnoses

causative drugs

bioterrorist agents

Enter clinical features, no negatives, no numbers: ⓘ

ear pain
conductive hearing loss
ear blockage
recurrent otitis media
otitis externa
ear mass

+ add a clinical feature

get checklist ➔

clear search

diagnoses

Most Relevant

sort by: most relevant | action: -select-

show: 10 20 all ⓘ **New!** ⓘ

<input checked="" type="checkbox"/> Otitis Media Complications	👍👎	🔍 EAR
<input checked="" type="checkbox"/> Ataxic Disorders	👍👎	🔍 NEURO
External Otitis	👍👎	🔍 EAR
Cerumen Impaction	👍👎	🔍 EAR
Mixed Hearing Loss	👍👎	🔍 SIGNS
<input checked="" type="checkbox"/> Otitis Media	👍👎	🔍 EAR
Lymphoma	👍👎	🔍 NEOPL
Otomycosis	👍👎	🔍 EAR
Neoplasms of the Ear	👍👎	🔍 EAR
Sarcoidosis	👍👎	🔍 RESP
<input checked="" type="checkbox"/> Brain Neoplasms ▼	👍👎	🔍 NEURO
Menière's Disease	👍👎	🔍 EAR
Wegener's Granulomatosis	👍👎	🔍 RHEUM
Langerhans Cell Histiocytosis Class 1	👍👎	🔍 NEOPL
<input type="checkbox"/> Leukemia ▼	👍👎	🔍 NEOPL
Myeloid Sarcoma	👍👎	

Why did this diagnosis come up? ⓘ

We matched the terms: recurrent otitis media | ear mass | ear masses | hearing | hear

feedback: **submit**