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Case 30 (September 30 2010): [N Engl J Med. 363\(14\):1352-1360](#)

Demographic: Male, 15 yrs, North America

Clinical features extracted from the case and entered into the query box:

recurrent skin lesion
red papule on arm

Synonyms used by Isabel for the above query:

recurrent skin lesion

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:

Spitz nevus

Final Diagnosis of the case according to NEJM:

Malignant melanoma

Differential Diagnoses of the case as given by Isabel:

Spitz nevus in Dermatology

Was the final diagnosis given by Isabel:

Yes, Malignant melanoma in Dermatology

Isabel Differential:

enter clinical features | **synonyms**

age*

gender female male

Refine search:

travel history:

show me:

diagnoses

causative drugs

bioterrorist agents

Enter clinical features, no negatives, no numbers:

[+ add a clinical feature](#)

[get checklist](#)

[clear search](#)

Isabel is not meant to replace your clinical judgment.

diagnoses

Most Relevant

sort by: action:

show:

Molluscum Contagiosum	? DERM
Abuse and Neglect	? SOC
Erythema Multiforme	? DERM
Leukemia	? NEOPL
Tuberculosis	? INFEC
Impetigo	? DERM
Leukemia Cutis	? DERM
Progressive Nodular Histiocytosis	? NEOPL
Sarcoidosis	? RESP
Bartonella Infection	? INFEC
Langerhans Cell Histiocytosis Class 1	? NEOPL
Lichen Nitidus	? DERM
Malignant Melanoma	? DERM

Why did this diagnosis come up ?

We matched the terms: skin lesion | skin lesions | recurrent skin lesion | recurrent skin lesions | red | recurrent cutaneous lesion | recurrent cutaneous lesions | papul | papule

Degree of match between query entered and Isabel database (Not clinical probability): 65%

Mucormycosis / Zygomycosis ? INFEC