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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* adolescent (13-16yrs) ▾

gender female male

Refine search:

travel history: North America ▾ ⓘ

show me:

diagnoses

causative drugs

bioterrorist agents

Enter clinical features, no negatives, no numbers: ⓘ

recurrent skin lesion

red papule on arm

+ add a clinical feature

get checklist ➔

clear search

Isabel is not meant to replace your clinical judgment.

diagnoses

Most Relevant

sort by: | most relevant ▾ action: -select- ▾

show: 10 20 30 40 all 🔍

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	<input type="radio"/> 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
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