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Case 34 (October 29 2009): [N Engl J Med. 361\(18\):1787-1796](#)

Demographic: Male, 20 yrs, America North, General speciality

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

sore throat
fever
diffuse papulovesicular rash
cervical lymphadenopathy
hemorrhagic vesicles
malaise
diarrhea

Synonyms used by Isabel PRO for the above query:

sore throat
fever
diarrhea
malaise
cervical lymphadenopathy
rash

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 PRO contain
- Did Isabel PRO suggest the Final diagnosis

Differential Diagnoses considered by the MGH panel:

Erythema multiforme

Final Diagnosis of the case according to NEJM:

PLEVA (pityriasis lichenoides et varioliformis acuta)

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Differential Diagnoses of the case as given by Isabel PRO:

Erythema multiforme under Dermatology

Was the final diagnosis given by Isabel PRO:

Yes, PLEVA (pityriasis lichenoides et varioliformis acuta) under Dermatology

Isabel PRO Final Diagnosis:

The screenshot displays the Isabel PRO interface with the following sections:

- ENTER CLINICAL FEATURES**: Includes dropdown menus for age (young adult (16 - 30 years)), gender (male), pregnancy (- not specified -), region (America North), and speciality (General). Below this is a text input area for query terms with the following entries: sore throat, fever, diffuse papulovesicular body rash, cervical lymphadenopathy, hemorrhagic vesicles, malaise, and diarrhea. A "Get Checklist »" button and a disclaimer "Isabel PRO is not meant to replace your clinical judgment." are also present.
- Synonyms**: A tab for viewing synonyms.
- DEGREE OF MATCH**: Shows search results for "4 DERMATOLOGY DISORDERS": Erythema Multiforme, Steven-Johnson Syndrome, Pityriasis Lichenoides, and Seabather's Eruption. A yellow box highlights the match for Pityriasis Lichenoides with the text: "Why did this diagnosis come up? We matched the terms: fever | fevers | diarrhoea | papulovesicular | hemorrhag | hemorrhagic. Degree of match between query entered and Isabel database (Not clinical probability): 56%".
- Your Customized View**: A section titled "8 Body Systems" with a "Show All" link, listing categories: INFECTIOUS DISEASES, DERMATOLOGY DISORDERS, RHEUMATIC DISEASES, RESPIRATORY DISORDERS, GASTROINTESTINAL DISORDERS, CARDIAC DISORDERS, ALLERGIC DISORDERS, NEOPLASTIC DISEASES, and SHOW ALL DIAGNOSES.

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