
**Demographic:** Female, 79yrs, America North, General specialty

**Clinical features extracted from the case and entered into the query box:**
- blistering cutaneous eruption
- pruritus
- sore throat
- dysphagia
- pyrexia
- headache
- burning eyes
- blurred vision

**Synonyms used by Isabel for the above query:**
- sore throat
- blurred vision
- burning eyes
- dysphagia
- headache
- pruritus
- pyrexia

**STOP !

Before you read further you might want to construct your own:

- Final diagnosis

**In the following section you will find:**

- The final diagnosis of the case
- Did Isabel suggest the Final diagnosis

**Differential Diagnoses considered by the MGH panel:**
- Toxic Epidermal Necrolysis
- Stevens-Johnson Syndrome
- Erythema Multiforme
**Final Diagnosis of the case according to NEJM:**
Acute generalized exanthematous pustulosis due to hydroxychloroquine.

**Differential Diagnoses of the case as given by Isabel:**
Toxic Epidermal Necrolysis – under Dermatology disorders
Stevens-Johnson Syndrome – under Dermatology disorders
Erythema Multiforme – under Dermatology disorders

**Was the final diagnosis given by Isabel:**
Yes, Acute generalized exanthematous pustulosis due to hydroxychloroquine – Drug Related Eruptions – Dermatology disorders

**Isabel Differential:**

<table>
<thead>
<tr>
<th><strong>DERMATOLOGY DISORDERS</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Steven-Johnson Syndrome</td>
<td></td>
</tr>
<tr>
<td>Psoriasis</td>
<td></td>
</tr>
<tr>
<td>Nephrogenic Systemic Fibrosis</td>
<td></td>
</tr>
<tr>
<td>Toxic Epidermal Necrolysis</td>
<td></td>
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<tr>
<td>Mast Cell Disease</td>
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<tr>
<td>Pemphigoid</td>
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<tr>
<td>Pemphigus</td>
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<tr>
<td>Erythema Multiforme</td>
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<tr>
<td>Pityriasis Lichenoides</td>
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<tr>
<td>Miliaria</td>
<td></td>
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<tr>
<td>Seabather’s Eruption</td>
<td></td>
</tr>
<tr>
<td>Drug Related Eruptions / Photosensitivity</td>
<td></td>
</tr>
</tbody>
</table>

**Why did this diagnosis come up?**
We matched the terms: urticaria | cutan | cutaneous | erupt | eruption

Degree of match between query entered and Isabel database (Not clinical probability): 41%

Malignant Atrophic Papulosis  |  |
As reaction was caused by medication the same query was also searched in the Causative Drugs functionality.

**Isabel Differential for Causative Drugs:**
Hydroxychloroquine identified as potential medication responsible.

<table>
<thead>
<tr>
<th>Antimalarials</th>
<th>&gt;&gt; click to collapse</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quinine</td>
<td></td>
</tr>
<tr>
<td>Pyrimethamine</td>
<td></td>
</tr>
<tr>
<td>Hydroxychloroquine Sulfate</td>
<td></td>
</tr>
</tbody>
</table>

**Why did this diagnosis come up?**

We matched the terms: blurred vision | headache | headaches | pruritus | erupt | eruption

Degree of match between query entered and Isabel database (Not clinical probability): 48%