

Case 20 (June 25 2009): [N Engl J Med. 360\(26\):2771-2777](#)

Demographic: Female, 79yrs, America North, General speciality

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:

- DERMATOLOGY DISORDERS	>> click to collapse
Steven-Johnson Syndrome	(?) RD
+ Psoriasis	(?) RD
Nephrogenic Systemic Fibrosis	(?) RD
Toxic Epidermal Necrolysis	(?) RD
+ Mast Cell Disease	(?) RD
+ Pemphigoid	(?) RD
+ Pemphigus	(?) RD
Erythema Multiforme	(?) RD
Pityriasis Lichenoides	(?) RD
Miliaria	(?) RD
Seabather's Eruption	(?) RD
+ Drug Related Eruptions / Photosensitivity	○ RD
<p>Why did this diagnosis come up ? ✖</p> <p>We matched the terms: urticaria cutan cutaneous erupt eruption</p> <hr/> <p>Degree of match between query entered and isabel database (Not clinical probability): 41%</p>	
Malignant Atrophic Papulosis	(?) RD

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.

- Antimalarials	>> click to collapse
Quinine	?
Primethamine	?
Hydroxychloroquine Sulfate	○
<div style="border: 1px solid black; background-color: #ffff00; padding: 5px;"><p>Why did this diagnosis come up ? ✕</p><p>We matched the terms: blurred vision headache headaches pruritus erupt eruption</p><hr/><p>Degree of match between query entered and isabel database (Not clinical probability): 48%</p></div>	
Amodiaquine	?