

Case 38 (December 13 2007): [N Engl J Med. 357\(24\):2496-2505](#)

Demographic: Female, 44 yrs, Not pregnant, America North, General speciality

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

generalized, confluent, annular, painful, ulcerated cutaneous plaques
multiple hyperkeratotic papules
purulent ulcer discharge
periorbital swelling and erythema
weeping skin
lower limb edema

Synonyms used by Isabel for the above query:

lower limb edema

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:

Keratoacanthoma – Squamous Cell Carcinoma

Lupus Erythematosus

Primary aggressive epidermotropic CD8+ cytotoxic T-cell lymphoma

Final Diagnosis of the case according to NEJM:

Primary cutaneous aggressive epidermotropic CD8+ cytotoxic T-cell lymphoma.

Differential Diagnoses of the cases given by Isabel:

Keratoacanthoma – Squamous Cell Carcinoma – Expand Dermatology heading under Non Melanoma Skin Cancer

Lupus Erythematosus – Rheumatic diseases heading

Primary aggressive epidermotropic CD8+ cytotoxic T-cell lymphoma – Expand Dermatology heading under Cutaneous Lymphoma.

Was the final diagnosis given by Isabel:

Yes, under Dermatology heading

Isabel Differential:

<p>INFECTIOUS DISEASES << click to expand</p> <ul style="list-style-type: none"> Candidal Infection ? Related Dx Osteomyelitis and Septic Arthritis ? Related Dx 	<p>RESPIRATORY SYSTEM DISORDERS << click to expand</p> <ul style="list-style-type: none"> Sarcoidosis ? Related Dx
<p>GASTROINTESTINAL DISORDERS << click to expand</p> <ul style="list-style-type: none"> Inflammatory Bowel Disease ? Related Dx 	<p>RHEUMATIC DISEASES << click to expand</p> <ul style="list-style-type: none"> SLE ? Related Dx Reiter's Disease ? Related Dx
<p>VASCULAR DISORDERS</p> <ul style="list-style-type: none"> Chronic Venous Insufficiency ? Related Dx 	<p>CARDIAC DISORDERS</p> <ul style="list-style-type: none"> Infective Endocarditis ? Related Dx
<p>NEOPLASTIC DISEASES << click to expand</p> <ul style="list-style-type: none"> Kaposi Sarcoma ? Related Dx 	<p>DERMATOLOGY >> click to collapse</p> <ul style="list-style-type: none"> Dermatological Manifestations of Diabetes ? Related Dx Necrotizing Fasciitis ? Related Dx Impetigo ? Related Dx Non Melanoma Skin Cancer ? Related Dx Verrucas / Warts ? Related Dx Steven-Johnson Syndrome ? Related Dx Toxic Epidermal Necrolysis ? Related Dx Dermatological Disease in HIV ? Related Dx Panniculitis ? Related Dx Lichen Planus ? Related Dx Pityriasis Lichenoides ? Related Dx Erythema Multiforme ? Related Dx Furunculosis, Furuncles and Carbuncles ? Related Dx Cutaneous Lymphoma ? Related Dx <ul style="list-style-type: none"> Mycosis Fungoides Primary Aggressive Epidermotropic CD8+ Cytotoxic T-cell Lymphoma Tuberculosis of the Skin ? Related Dx Calcinosis Cutis ? Related Dx
<p>ALLERGIC DISORDERS << click to expand</p> <ul style="list-style-type: none"> Atopic Dermatitis ? Related Dx 	
<p>ENVIRONMENTAL HEALTH HAZARDS</p> <ul style="list-style-type: none"> Spider Bites ? Related Dx 	