

Case 3 (January 24 2008): [N Engl J Med. 358\(4\):393-401](#)

Demographic: Female, 80 yrs, Pregnancy Not-specified, America North, General speciality

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

multiple basal cell carcinomas
odontogenic cysts of jaw
pits of palms and soles
calcification of falx cerebri
rib abnormalities with cysts
frontal bossing
skull abnormalities

Synonyms used by Isabel for the above query:

none

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:

Basal-cell nevus syndrome

Final Diagnosis of the case according to NEJM:

The basal-cell nevus (Gorlin's) syndrome with multiple basal-cell carcinomas and odontogenic keratocysts.

Differential Diagnoses of the cases given by Isabel:

Basal-cell nevus syndrome

Was the final diagnosis given by Isabel:

Yes, under – under Dermatology heading



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Isabel Differential:

<p>INFECTIOUS DISEASES << click to expand</p> <p>Actinomycoses Infection ? Related Dx</p>	<p>RESPIRATORY SYSTEM DISORDERS << click to expand</p> <p>Lung Neoplasms ? Related Dx</p>
<p>GASTROINTESTINAL DISORDERS << click to expand</p> <p>Inflammatory Bowel Disease ? Related Dx</p>	<p>RHEUMATIC DISEASES << click to expand</p> <p>Systemic Sclerosis ? Related Dx</p>
<p>HEMATOLOGY << click to expand</p> <p>Deep Vein Thrombosis ? Related Dx</p>	<p>CARDIAC DISORDERS << click to expand</p> <p>Infective Endocarditis ? Related Dx</p>
<p>UROLOGIC DISORDERS</p> <p>Neoplasms of the Kidney ? Related Dx</p>	<p>NERVOUS SYSTEM DISORDERS << click to expand</p> <p>Ataxic Disorders ? Related Dx</p>
<p>NEOPLASTIC DISEASES << click to expand</p> <p>Benign Small Intestine Neoplasms ? Related Dx</p>	<p>GYNECOLOGICAL DISORDERS << click to expand</p> <p>Breast Cancer ♀ ? Related Dx</p> <p>Ovarian Neoplasms ♀ ? Related Dx</p> <p>Sex Cord-Stromal Tumors of the Ovary ♀ ? Related Dx</p>
<p>ENDOCRINE SYSTEM << click to expand</p> <p>Hyperparathyroidism ? Related Dx</p>	<p>DERMATOLOGY << click to expand</p> <p><input type="checkbox"/> Non Melanoma Skin Cancer ? Related Dx</p> <div style="border: 1px solid black; background-color: #ffff00; padding: 5px; margin: 5px 0;"> <p>Why did this diagnosis come up ? ✖</p> <p>We matched the terms: multiple multipl basal cell carcinoma carcinomas odontogen odontogenic cyst cysts jaw pit pits palm palms sole soles calcif calcification falx cerebri rib abnorm abnormalities frontal boss bossing skull</p> </div> <p><input type="checkbox"/> Basal Cell Skin Carcinoma</p> <p style="padding-left: 20px;">Basal Cell Nevus Syndrome</p> <p style="padding-left: 20px;">Sebacous Carcinoma</p> <p><input type="checkbox"/> Squamous Cell Skin Carcinoma</p>
<p>ORTHOPEDIC DISORDERS << click to expand</p> <p>Vit D Deficient Rickets / Osteomalacia ? Related Dx</p> <p>Renal Osteodystrophy ? Related Dx</p>	<p>TOXICOLOGY << click to expand</p> <p>Radioactive Isotopes ? Related Dx</p>
<p>HUMAN GENETICS << click to expand</p> <p>Hypomelanosis of Ito ? Related Dx</p>	