

Case 20 (June 28 2007): [N Engl J Med. 356\(26\):2721-2730](#)

Demographic: Male, 11 yrs, America North, General speciality

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

headaches
nasal congestion
rhinorrhea
erythematous vascular unilateral nasal mass
proptosis
hypertelorism

Synonyms used by Isabel for the above query:

Headaches
Nasal congestion
Rhinorrhea
Proptosis

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:

Ossifying fibroma
Juvenile (aggressive) ossifying fibroma
Olfactory neuroblastoma
Soft Tissue Neoplasms/Sarcomas

Final Diagnosis of the case according to NEJM:

Olfactory neuroblastoma

Differential Diagnoses of the case as given by Isabel:

Neuroblastoma – Isabel top 10

Soft Tissue Neoplasms/Sarcomas – click on Neoplastic diseases heading

Osteofibrous dysplasia – click on Orthopedic disorders heading

Fibrous Dysplasia – click on Orthopedic disorders heading

Was the final diagnosis given by Isabel:

Yes, Isabel top 10

Isabel differential:

RESPIRATORY SYSTEM DISORDERS << Click here	ENDOCRINE SYSTEM << Click here
<ul style="list-style-type: none"> Sinusitis ? Related Dx Atypical Pneumonia ? Related Dx 	RHEUMATIC DISEASES << Click here
NEOPLASTIC DISEASES << Click here	OPHTHALMOLOGY << Click here
<ul style="list-style-type: none"> Neuroblastoma ? Related Dx Retinoblastoma ? Related Dx 	ORTHOPEDIC DISORDERS << Click here
INFECTIOUS DISEASES << Click here	<ul style="list-style-type: none"> Benign Bone Tumors ? Related Dx <ul style="list-style-type: none"> Aneurysmal Bone Cysts Chondroblastoma Chondromyxoid Fibroma Desmoplastic Fibroma Enchondroma Fibromas Fibrous Cortical Defects Fibrous Dysplasia Ollier's Disease Osteoblastoma Osteofibrous Dysplasia Osteoid Osteoma Unicameral Bone Cysts
DERMATOLOGY << Click here	
<ul style="list-style-type: none"> Staphylococcal Scalded Skin Syndrome ? Related Dx 	
NERVOUS SYSTEM DISORDERS << Click here	
<ul style="list-style-type: none"> Cerebral Sinus Venous Thrombosis ? Related Dx Neurofibromatosis ? Related Dx 	
ALLERGIC DISORDERS	
<ul style="list-style-type: none"> Allergic Rhinitis ? Related Dx Food Allergy ? Related Dx 	
	GASTROINTESTINAL DISORDERS << Click here
	HUMAN GENETICS << Click here
	TRAUMA INJURIES << Click here