
**Demographic:** Male, 23 yrs, America North, General speciality

**Clinical features extracted from the case and entered into the query box:**
- fevers
- myalgias
- fatigue
- night sweats
- weight loss
- mediastinal lymphadenopathy
- elevated lactate dehydrogenase
- elevated alkaline phosphatase
- testicular mass

**Synonyms used by Isabel PRO for the above query:**
- elevated lactate dehydrogenase
- elevated alkaline phosphatase
- fevers
- weight loss
- night sweats
- fatigue
- testicular mass
- mediastinal lymphadenopathy
- myalgias

**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 PRO contain
- Did Isabel PRO suggest the Final diagnosis
**Differential Diagnoses considered by the MGH panel:**
Large-B-cell lymphoma
T-cell lymphoblastic lymphoma
Hodgkin’s lymphoma
Burkitt’s lymphoma
Osteosarcoma

**Final Diagnosis of the case according to NEJM:**
Ewing’s sarcoma of the bone, with metastasis to the lung and mediastinal lymph nodes

**Differential Diagnoses of the case as given by Isabel PRO:**
Large-B-cell lymphoma – under Non-hodgkin’s lymphoma in Neoplastic diseases
T-cell lymphoblastic lymphoma - under Non-hodgkin’s lymphoma in Neoplastic diseases
Hodgkin’s lymphoma – in Neoplastic diseases
Burkitt’s lymphoma - under Non-hodgkin’s lymphoma in Neoplastic diseases
Osteosarcoma – under malignant bone tumors in Neoplastic diseases

**Was the final diagnosis given by Isabel PRO:**
Yes, Ewings sarcoma under malignant bone tumors in Neoplastic diseases.

**Isabel PRO Final Diagnosis:**