Clinical Quiz

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Clinical History:
Male / 61 yr.
c/o Cough

Clinical History:
This is his CXR
What are the findings?
What is your diagnosis?

Answer to Clinical Quiz

Findings:
CXR
Heart size is at upper limit of normal. No active lung lesion seen.
Generalized sclerotic changes of the rib cage. Gynecomastia.

Pelvis and LS spine:
Multiple sclerotic lesions involving pelvis and LS spine seen. No definite bony erosion or bony collapse is noted. Pedicles are preserved. No periosteal reaction seen.

Diagnosis:
CA prostate with multiple bony metastases

Discussion:
The most common causes of generalized sclerotic bony lesions at this age is bony metastases, most commonly in CA prostate and CA breast.

The other differential diagnoses are:
1. Lymphoma
2. Mastocytosis
3. Multiple healed or healing benign/malignant lesions such as lytic metastases following radiotherapy or chemotherapy, Langerhans cell Histiocytosis and Brown tumours.
4. Multiple myeloma - sclerosis in up to 3%
5. Osteomata in Gardner’s syndrome
6. Fibrous dysplasia
7. Tuberous sclerosis

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