



**PATIENT**

Lola Santa

**PRESENTING CLINICAL SIGNS**

Intermittent limping right front leg CBC/Chem WNL

**RADIOGRAPHIC STUDY OF THE SHOULDERS, PELVIS, & THORAX**

**SPECIES**

Canine

Multiple ventrodorsal views of the pelvis, multiple mediolateral and craniocaudal views of the front limbs, and multiple right/left lateral and ventrodorsal views of the thorax totaling 15 images available for review.

**BREED**

Rottweiler

**RADIOGRAPHIC FINDINGS**

**Right Shoulder**

Permeative aggressive osteolysis of the right proximal humerus is seen with a large amount of amorphous periosteal new bone, cortical defects, and long transition zones into the proximal epiphysis and distal diaphysis of the right humerus. The changes do not cross the joint.

**SEX**

Spayed

Muscle atrophy of the right front limb musculature is noted.

**AGE**

8

**Left Shoulder**

The left shoulder presents within age related normal limits.

**Elbows**

Mild periarticular new bone formation is seen in the right elbow.

Mild smooth periarticular new bone is seen in the left elbow.

**Pelvis**

Both coxofemoral joints present within normal limits. No significant osteoarthritic changes are seen. The joint spaces are narrow and even and the femoral head center is medial to the dorsal acetabular margin. There is no evidence of subluxation.

**Thorax**

The patient is under general anesthesia with endotracheal intubation.

Mild generalized increase in interstitial opacity with bronchial wall enhancement is seen. There is no evidence of interstitial nodules or masses.

No evidence of mediastinal lymphadenomegaly.

Course and width of the trachea are considered within normal limits.

The radiographic presentation of the cardiac silhouette is within normal limits as well. The rightward shift of the cardiac silhouette is due to atelectasis of the right lung likely secondary to prior positioning of the patient in right lateral recumbency.

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

**HOSPITAL NAME**

Sunset Animal  
Hospital

**REFERRING VET**

Dr. Cristina Polit

**INVOICE**

52219

**DATE**

5-31-22



**PATIENT** A mild amount of mineral opaque material in the gastric pylorus is noted.

Lola Santa Mild to moderate thoracolumbar spondyloses are seen.

**RADIOGRAPHIC DIAGNOSIS**

- SPECIES**
- Monostotic aggressive osteolytic lesion of the right proximal humerus.
  - Mild bilateral elbow osteoarthritis.
  - Radiographically normal coxofemoral joints.
  - No radiographic evidence of pulmonary metastatic disease.

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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The radiographic study reveals evidence of a monostotic aggressive osteolytic lesion in the right proximal humerus. Primary neoplasia of bone such as osteosarcoma is the main differential diagnosis. Other neoplasia and fungal osteomyelitis are thought by far less likely, and this should be considered primary neoplasia of bone until proven otherwise.

At this time, there is no evidence of metastatic disease of the lung.





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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

Thank you for this referral. If the clinical or image interpretation does not parallel your findings or if I can be of any further assistance please contact me.

**SPECIES**

Canine

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