



**PATIENT PRESENTING CLINICAL SIGNS**

Dolly Glore Pt presents with abdominal pain when touched. Doctor is also concerned about mets after viewing the thoracic radiographs. Pt has history of mammary adenocarcinoma.

**SPECIES RADIOGRAPHIC STUDY OF THE THORAX & ABDOMEN**

Canine A complete set of radiographs of the thorax and abdomen is provided for review.

**BREED RADIOGRAPHIC FINDINGS**

Shar Pei/Shepherd  
Mixed

Thorax

Moderate spondylosis formation is seen along the caudal thoracic spine.

**SEX**

Spayed Female

The left humeral diaphysis presents with immature moderate periosteal new bone formation and ill-defined zone of permeative osteolytic lesions. The periarticular bones of the right shoulder joints present moderate osteophyte new bone formation.

**AGE**

12 Year, 1 Month

The extrathoracic soft tissues present homogeneous without abnormalities.

The heart is of normal size and shape, there is no evidence of cardiac chamber or vascular enlargement. The pulmonary vasculature is within normal limits.

**INTERPRETED BY**

Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI

The cranial mediastinum presents the expected soft tissue opacity. The mediastinal width is less than twice the width of the vertebral column at the same level.

The trachea is normal in diameter and presents the anticipated course. The luminal outline of the trachea is smooth.

**HOSPITAL NAME**

Ahwatukee Commons  
Veterinary Hospital

The bronchial tree presents with thin walls and tapers uniformly towards the periphery as expected.

The lung parenchyma presents the expected architecture and opacity; the intrapulmonary vascular branching is seen up to the third order lung vessels.

**REFERRING VET**

Dr. Rebecca R.  
Housley

The diaphragm is well delineated with even surface and the expected mild cranial bulging of the diaphragmatic cupola.

Abdomen

Advanced spondylosis formation is seen along the lumbar spine. The pictured parts of the coxofemoral joints present moderate to marked, R>L, osteophyte new bone formation.

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No abnormalities of the extraabdominal soft tissues are noted. The abdominal wall is smooth and thin.

The serosal detail is maintained throughout the peritoneal and retroperitoneal space.

**DATE**

3-15-22

The liver is appropriate in position, size and presents uniform opacity.



**PATIENT**

Dolly Glore

The splenic head is in the anticipated position and within normal limits for size and opacity. The splenic body and tail are considered normal for position, size, shape and opacity.

**SPECIES**

Canine

Both kidneys are seen and present with normal size, shape, delineation and opacity. The urinary bladder is in its anticipated position. No radiopaque calculi are noted throughout the upper and lower urinary tract.

**BREED**

Shar Pei/Shepherd  
Mixed

The stomach is in its anticipated position and presents normal content.

The small intestinal loops are of even diameter and non-dilated, a small amount of gas is seen within the small intestinal loops and considered within normal limits.

The colon is seen in the expected position and presents with appropriate content.

**RADIOGRAPHIC DIAGNOSIS**

**SEX**

Spayed Female

- Monostotic aggressive mixed osteoproliferative and osteolytic lesion left humeral diaphysis
- Spondylosis deformans
- Degenerative osteoarthritis coxofemoral joints bilaterally, R>L
- No evidence of pulmonary metastatic disease

**AGE**

12 Year, 1 Month

**INTERPRETED BY**

Sebastian Schaub, DVM  
Dr. med. vet. DipECVCI

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The main finding is the biologically aggressive osseous lesion of the left humerus, given the atypical location affecting the diaphysis the odds for metastatic disease (history of mammary carcinoma) are considered higher than for primary osseous neoplasia. Theoretically mycotic osteomyelitis is a potential but considered unlikely. FNA sampling/bone biopsy can be used as advanced diagnostic test.

**HOSPITAL NAME**

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Veterinary Hospital

The abdomen presents without abnormalities, explaining the pain, but advanced degenerative changes along the spine.

**REFERRING VET**

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Housley

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**PATIENT**

Dolly Glore

**SPECIES**

Canine

**BREED**

Shar Pei/Shepherd  
Mixed

**SEX**

Spayed Female

**AGE**

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Veterinary Hospital

**REFERRING VET**

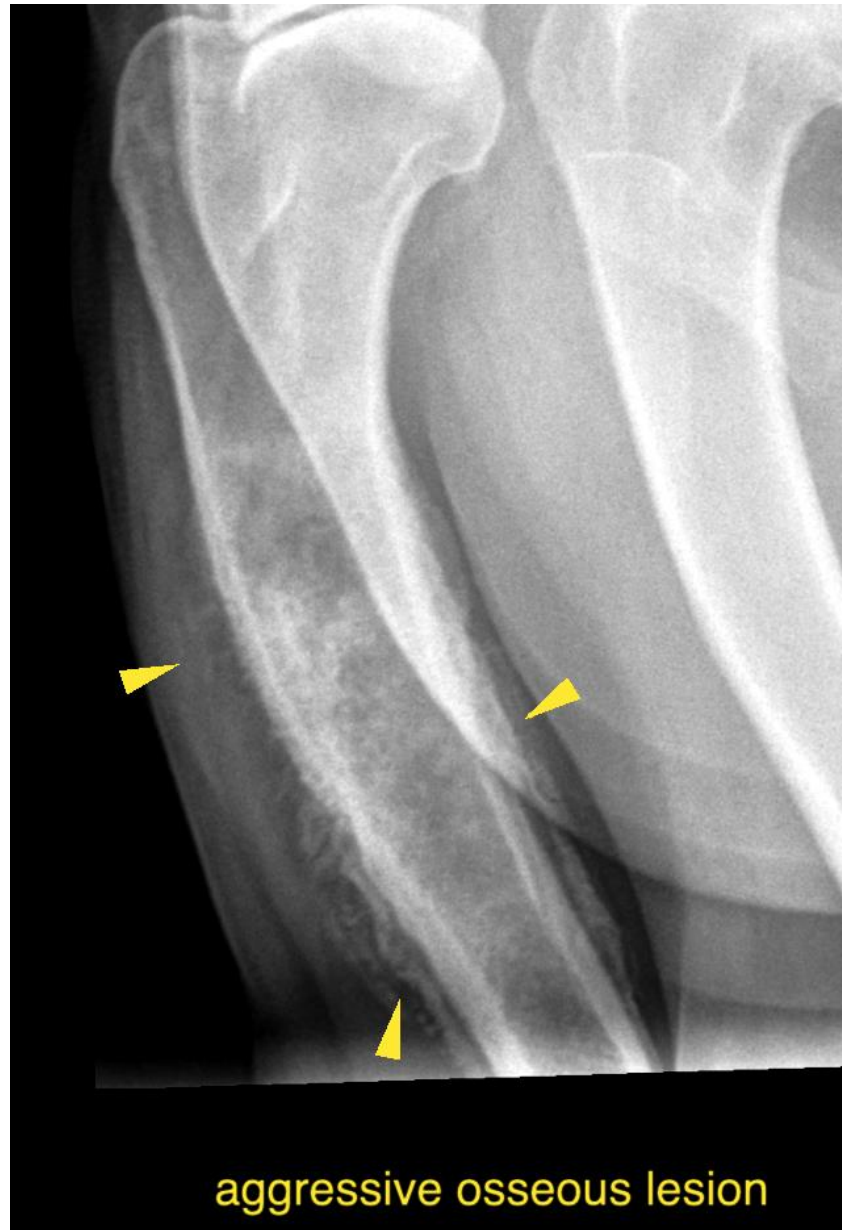
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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