



PATIENT PRESENTING CLINICAL SIGNS

Roxy Ramirez P has history of swelling on left side of face in May, initially responded to abx but swelling returned ~ 1 mo ago. P still eating.
 Abnormal PE/Chem/CBC/UA Results: large, hard, multilobulated growth left maxilla. Left eye now squinting.

SPECIES

Canine

RADIOGRAPHIC STUDY OF THE THORAX & HEAD

Right/left lateral and ventrodorsal views of the thorax and lateral and ventrodorsal views of the head totaling 7 images available for review.

BREED

Pitbull

RADIOGRAPHIC FINDINGS

Head

SEX

FS

A 3.5 cm sized mixed aggressive osteolytic and osteoproliferative expansile mass of the rostral margin of the left zygomatic arch is seen. The mass blends into the rostral aspect of the zygomatic arch as well as into the caudolateral aspect of the left maxillary bone with ill-defined margins and permeative aggressive osteolysis. A severe expansile mass effect is noted with circumferential soft tissue swelling.

AGE

9 Years

Thorax

Early spondylosis deformans is noted between T9 and T10.

INTERPRETED BY

Nele Eley, DVM
 Dr. med. Vet. DipECVDF

The extrathoracic soft tissues present homogeneous without abnormalities.

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

HOSPITAL NAME

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 Stratford

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 esophagus is not seen (which is a normal finding) on the right lateral and orthogonal views. However, moderate generalized dilation of the esophagus with gas is noted on the left lateral image.

REFERRING VET

Dr Robert Bashkin

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

INVOICE

55595

Mild rightward shift of the cardiac silhouette due to volume loss of the right lung is noted which is likely a consequence of anesthesia induced and/or positional atelectasis of the right lung. A mild generalized bronchointerstitial lung pattern is noted with even distribution throughout the lung and considered within age related normal limits. Multiple age related incidental pulmonary osteomas are seen. There is no evidence of interstitial pulmonary nodules or masses.

DATE

12-14-22

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



PATIENT

Roxy Ramirez

RADIOGRAPHIC DIAGNOSIS

- Monostotic aggressive mixed osteolytic and osteoproliferative mass of the left zygomatic arch and maxilla.
- No evidence of pulmonary metastatic disease.
- Presumably transient esophageal dilation.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

BREED

Pitbull

The radiographic study reveals a monostotic aggressive osteolytic and osteoproliferative mass of the left zygomatic arch and maxilla. Osteosarcoma, chondrosarcoma, and multilobulated osteosarcoma/chondrosarcoma rodens are primary differential diagnoses. Fibrosarcoma, lymphosarcoma, and other cannot be ruled out entirely. Definitive signs of aggressive biological behavior are present radiographically. Final diagnosis will require tissue sampling for histology.

SEX

The thoracic screening for metastatic disease was negative at this time.

FS

The esophageal dilation is likely to be transient and induced by general anesthesia. A radiographic recheck could be considered in case of clinical signs such as regurgitation.

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REFERRING VET

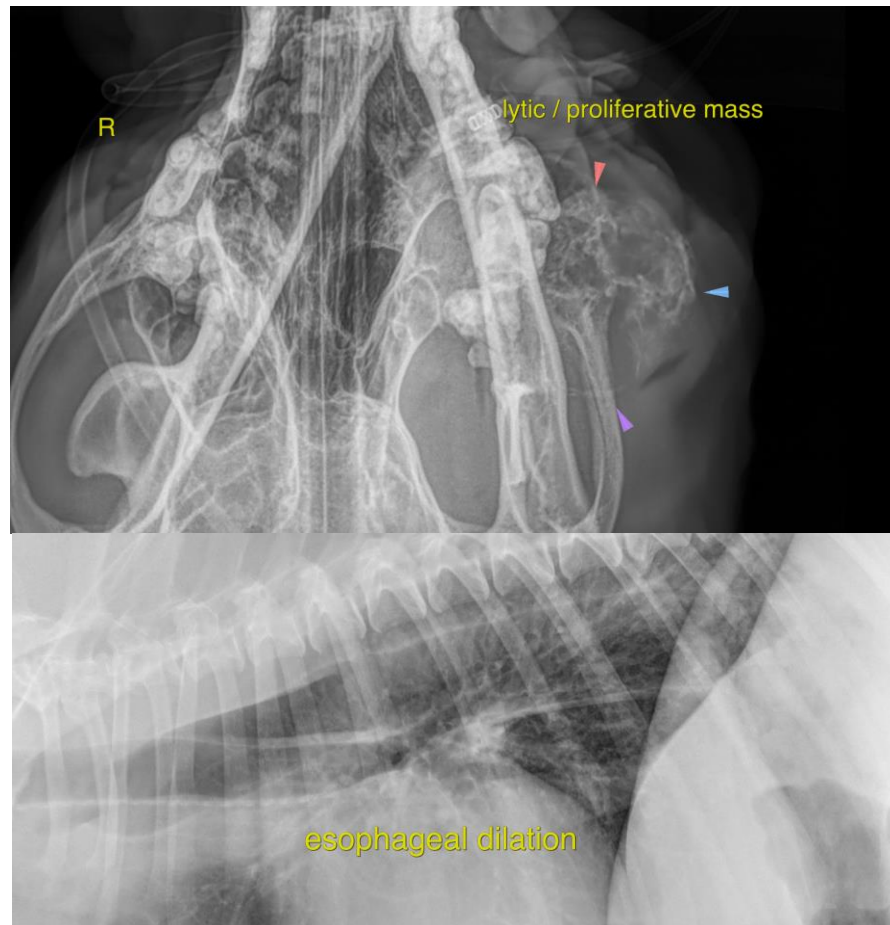
Dr Robert Bashkin

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PATIENT

Roxy Ramirez

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.

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Canine

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.

BREED

Pitbull

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