



PATIENT	PRESENTING CLINICAL SIGNS
Beckham Ratner	Acute LF lameness in last several months, reacts to LF extension, weight bearing but significant lameness; responds well to carprofen- 1/2 dose daily abolishes lameness and keep dog very comfortable; in good BCS
SPECIES	Abnormal PE/Chem/CBC/UA Results: CBC WNL; mini-chem WNL performed today prior to sedation for rads.
Canine	
BREED	RADIOGRAPH OF THORAX, SHOULDERS AND ELBOWS
Labrador Retriever	Thorax: right and left lateral recumbency; L and R lat. elbow, L lat. carpus, 1x unlabeled shoulder, 1x L shoulder
SEX	RADIOGRAPHIC FINDINGS
NM	<u>Thorax</u>
AGE	The last two sternebrae are fused. A variable degree of spondylosis is present ventral to three intervertebral disc spaces.
10 Years, 9 Months	Mild calcification of the main bronchial walls is present. Small, irregularly mineralized opacities are located in the cranial thorax on the L lateral recumbent view; on the R lateral recumbent view a round (approx. 0.2cm) opacity is located dorsal to the an intercostal space level with sternebrae 2 and 3.
INTERPRETED BY	Mediastinum and mediastinal structures appear physiological.
Heike Rudolf, DVM, Dr. med. Vet., DipECVDDI DVR	<u>Shoulder and proximal humerus L</u>
HOSPITAL NAME	The proximal 7 cm of the humerus appear lytic with a cloudy appearance of the humeral medulla. The distal aspect of the lytic region is demarcated by a relatively straight opacity which merges with a normal medullary cavity. Cranial and caudal cortex show thinning, especially proximally. The caudal cortex is outlined by an up to 0.7cm thick, lamellated cortical new bone. The new bone on the cranial cortex is irregular, almost palisading with an undulating outer surface.
Summit Dog & Cat Hospital	<u>Shoulder R</u>
REFERRING VET	The shoulder joint appears congruent with even subchondral bone surfaces. New bone formation is not apparent.
Levitian	<u>Elbows</u>
INVOICE	The elbow joints are congruent with smooth subchondral bone surfaces. New bone formation is not apparent.
50716	
DATE	
3-4-22	



PATIENT

Beckham Ratner

RADIOGRAPHIC DIAGNOSIS

- Destructive and productive lesion proximal left humerus

SPECIES

Canine

Incidental findings:

- Pleural plaques/pulmonary osteomata
- Bronchial wall calcification
- Spondylosis
- Fused sternbrae

BREED

Labrador Retriever

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The changes are consistent with a primary bone tumor (mixed osteosarcoma) of the proximal left humerus. An orthogonal view of the left humerus is recommended to see the extent of the cortical destruction.

SEX

NM

The irregular lung opacities represent osteomata. The smoothly outlined nodular structure appears too opaque to be a metastasis and thus is most likely also an osteoma but further imaging is required to verify this. Inflated lateral views with sternum and dorsal spinous processes at the same level, or a CT study of the thorax can be obtained. The CT examination will also show if lymphadenomegaly is present.

AGE

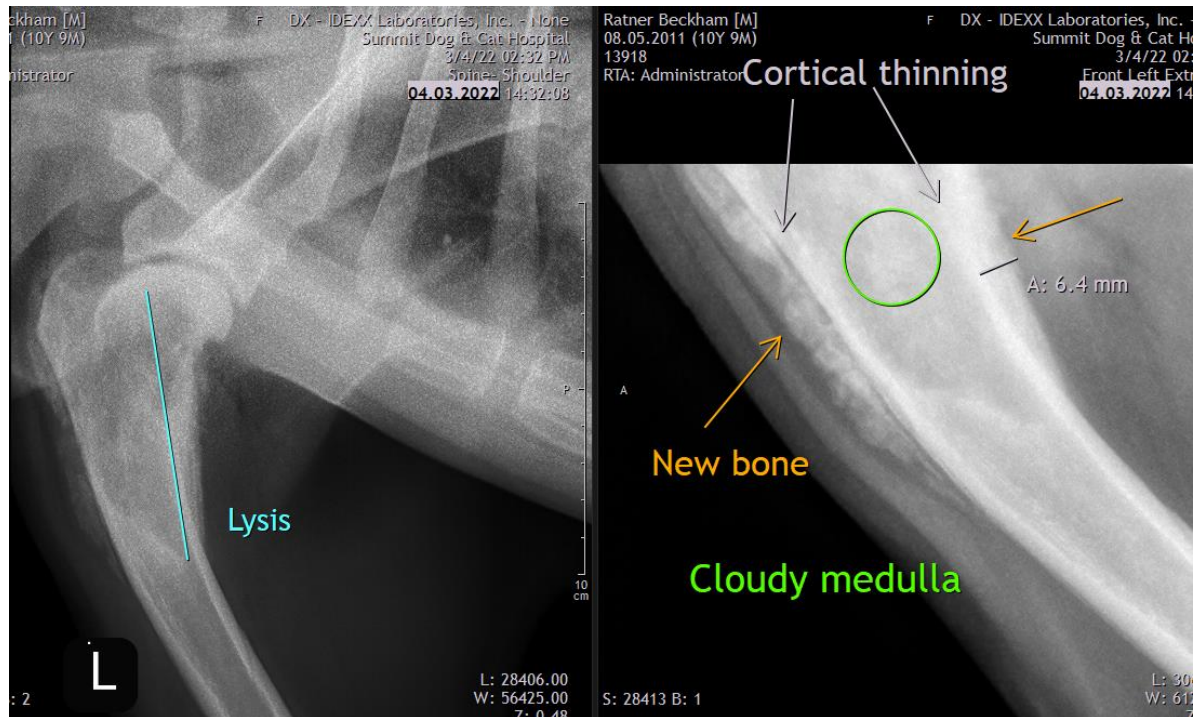
10 Years, 9 Months

TECHNICAL COMMENTS

R lateral thorax rotated.

INTERPRETED BY

Heike Rudorf, DVM,
Dr. med. Vet.,
DipECVDI DVR



HOSPITAL NAME

Summit Dog & Cat
Hospital

REFERRING VET

Levitan

INVOICE

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Beckham Ratner

SPECIES

Canine

BREED

Labrador Retriever

SEX

NM

AGE

10 Years, 9 Months

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REFERRING VET

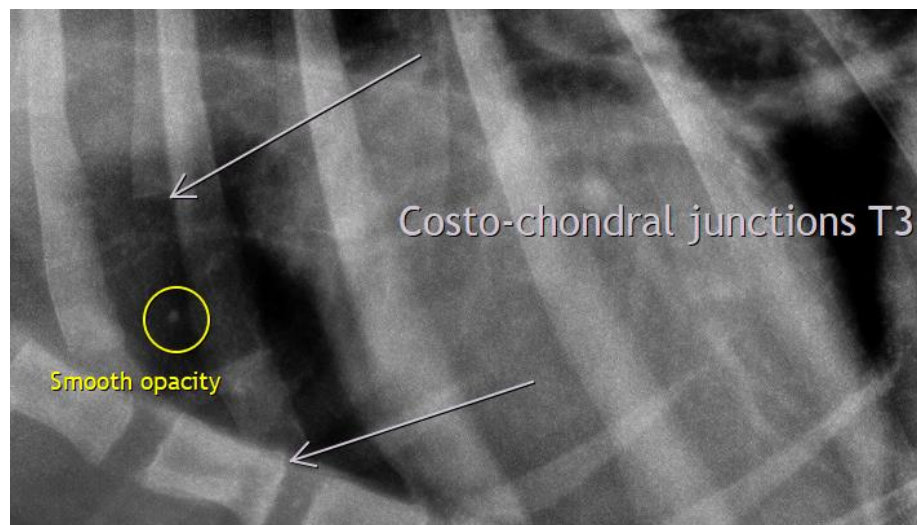
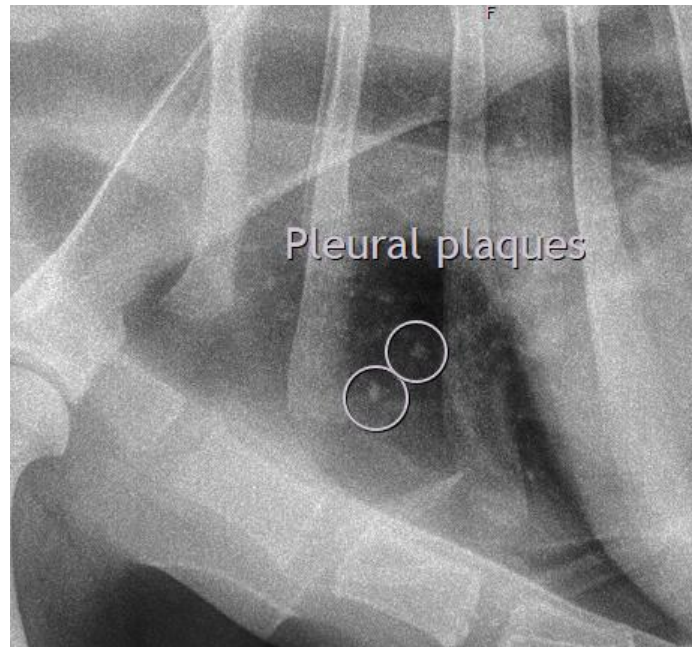
Levitan

INVOICE

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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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