



PATIENT

Koa Singh

SPECIES

Canine

BREED

German Shepherd Dog

SEX

CM

AGE

8

WEIGHT

98

INTERPRETED BY

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

IMAGING PERFORMED BY

Kristinë Howell

HOSPITAL NAME

East Hill Animal
Hospital

REFERRING VET

Dr Jonathan Gunn

INVOICE

73263

DATE

1-12-26

PRESENTING CLINICAL SIGNS

Non painful swelling of right carpus. P has chronic carpal hyperextension and osteoarthritis. Is currently on adequan, galliprant, occasionally does underwater treadmill and infrared laser therapy. Takes amantadine prn.

Abnormal PE/Chem/CBC/UA Results: N/A

RADIOGRAPHS OF THORAX AND CARPI

R lateral and VD of the thorax, R lateral and DP of both paws are provided, totaling 4 radiographs for interpretation.

RADIOGRAPHIC FINDINGS

Thorax

The body condition score is 7/9 with smooth, alternating layers of fat and soft tissue opacity.

Small bony spurs are evident on the ventral sternum. New bone (NB) is present on one caudal shoulder joint.

The cranial mediastinum is of physiologic size and opacity. The terminal trachea diverges slightly from the thoracic vertebrae and the dips at the carina.

The degree of pulmonary expansion is fair, and the dome of the diaphragm is superimposed onto the caudal heart border. The lung lobes are aerated and extend to the thoracic boundaries, ventrally they are slightly elevated by fat. Pulmonary vessels are visible. The bronchial tree is thin walled.

The cardiac silhouette is slightly elevated from the sternum by fat; it occupies 75% of the chest height and 3 intercostal spaces. Chamber or outflow tract enlargement is not obvious.

R carpus

The bones are well mineralized, have a normal trabecular structure and continuous surfaces. Cortico-medullary development and differentiation of the long bones are physiological. The distal radius overrides the cranial aspect of the proximal row of carpal bones. A distal indentation of the radio-carpal bone is present on both sides.

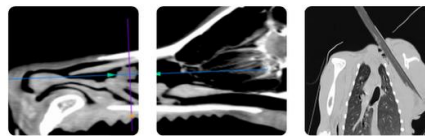
A marked soft tissue swelling surrounds the antebrachio-carpal joint. Very small spurs of NB are present on the lateral aspect of the carpal bones. A moderate amount of cauliflower like NB is also located on the dorso-lateral aspect of the distal radius. Relatively smooth new bone is just visible on the dorso-proximal aspect of the metacarpi and on the distal accessory carpal bone. At least 5 bony opacities of various size and shape are located in the dorsal soft tissue swelling.

RADIOGRAPHIC DIAGNOSIS

Right:

- Marked carpal swelling containing
 - Calcification and ossification
- Mild subluxation radio-carpal joint
- Arthrosis
 - antebrachio-carpal joint, moderate
 - carpo-metacarpal joints, mild

Incidental findings:



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- Sternal NB
- Shoulder arthrosis

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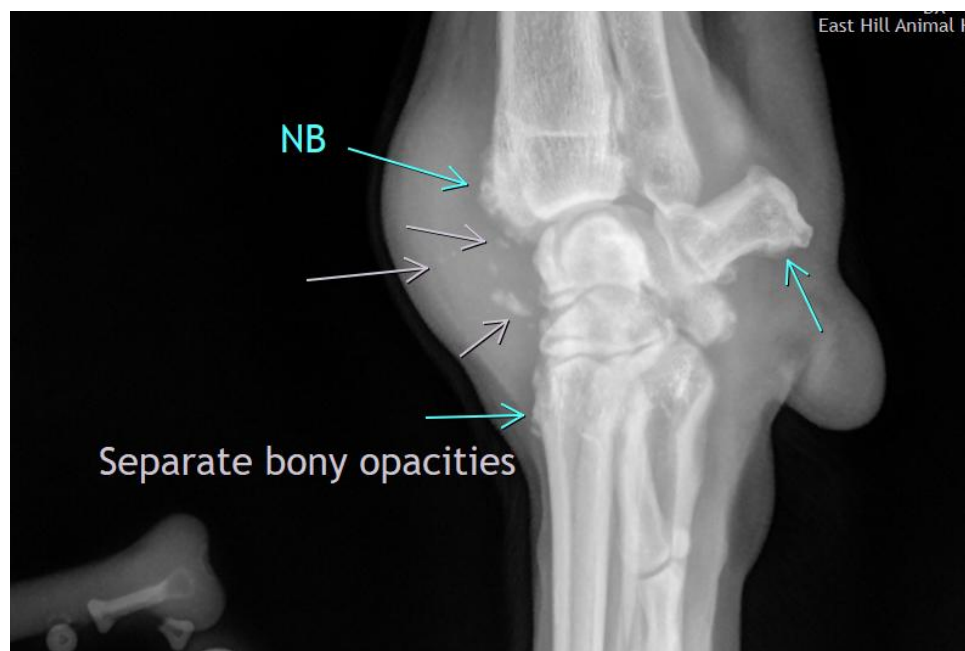
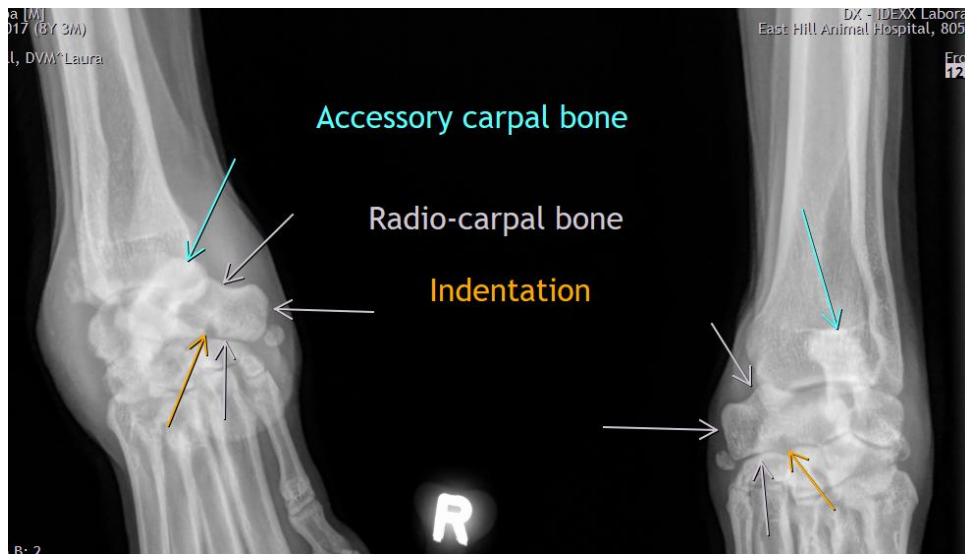
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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

I can see no changes that would suggest a bone tumor or metastases. Due to the altered position of the right distal leg, different parts of the anatomy have been highlighted on the DP; thinner and thus more lucent regions have become more obvious. The trabecular pattern in these regions is, however, preserved.





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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.

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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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info@sonopath.com

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