



PATIENT

Tulum Agbayev

PRESENTING CLINICAL SIGNS

Two month history of intermittent right forelimb lameness. Ddx: fragmented medial coronoid process, muscle strain
Abnormal PE/Chem/CBC/UA Results: Increased Na 161 mmol/L

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE ELBOWS

Plain study available for review.

BREED

Shepherd X

COMPUTED TOMOGRAPHIC FINDINGS

Right Elbow

A large 11mm sized and a small 3.5mm sized fragments are isolated from the tip of the right medial coronoid process.

SEX

FS

Deep trochlear notch sclerosis of the ulnar is noted.

AGE

2 Years

There is a large amount of periarticular new bone formation.

A 9mm sized spherical mineralized structure with corticomedullary bone pattern is seen in the cranial joint compartment.

A mild radioulnar step formation is noted.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

Subchondral bone defect with peripheral sclerosis is seen in the medial aspect of the medial humeral condyle's subchondral bone.

Left Elbow

One large 7mm sized and multiple 1mm sized fragments are isolated from the tip of the left medial coronoid process.

HOSPITAL NAME

Bridgwater
Veterinary Hospital
and Wellness Centre

Deep trochlear notch sclerosis of the ulnar is seen.

There is a large amount of periarticular osteophytes.

REFERRING VET

Dr. C. Capper

Mild radioulnar step formation is noted.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Bilateral medial coronoid pathology with fragmentation of the medial coronoid process and moderate to severe secondary osteoarthritis.
- Synovial osteochondromatosis in the right elbow.

INVOICE

48040

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

DATE

10-27-21

The CT study reveals fragmentation of the medial coronoid process in both elbows. Synovial osteochondromatosis and kissing lesion of the medial humeral condyle are present in the right elbow as a consequence of medial coronoid pathology. Both elbow joints reveal moderate to severe osteoarthritic changes. Arthroscopic revision of both joints should be considered.



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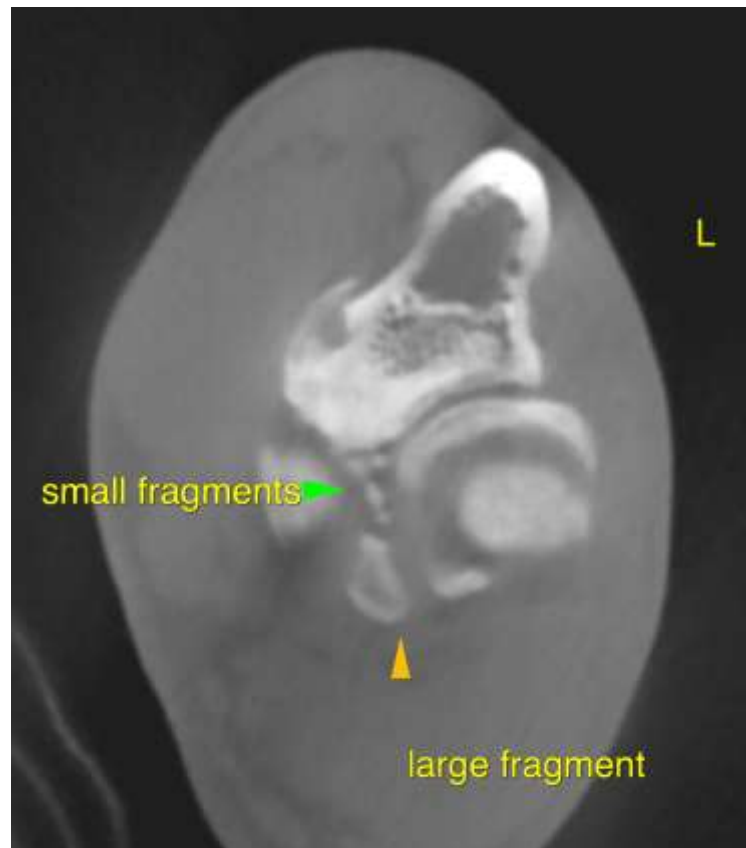
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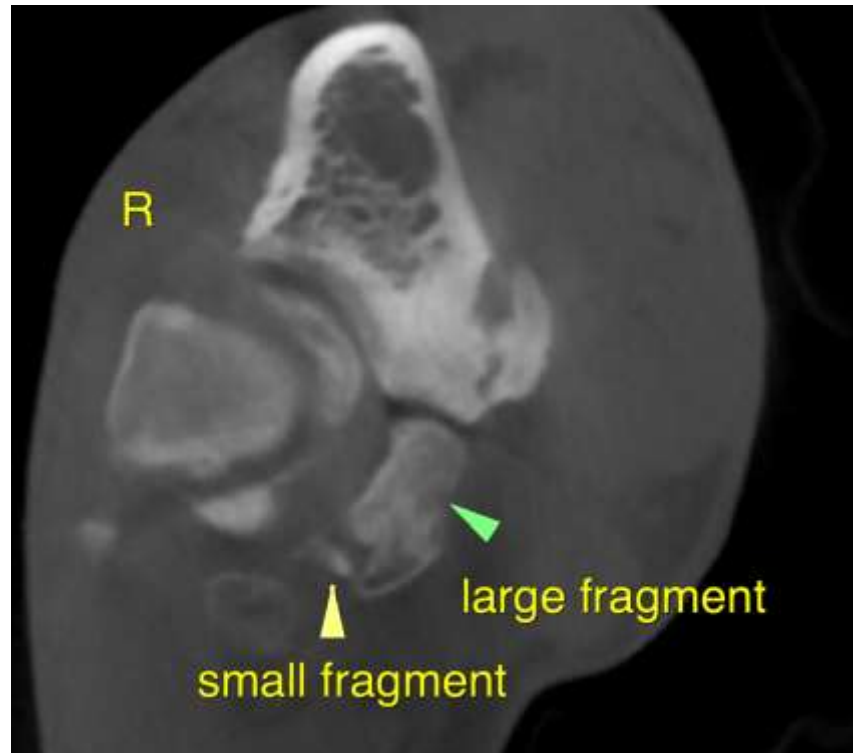
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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