



PATIENT

Laguna Berkowitz

PRESENTING CLINICAL SIGNS

Laguna is a 2 year old spayed female Boxer Mix dog who has a history of limping on her hind legs. On Physical exam: Bilateral patellar luxation Noticed crepitus upon left patella palpation. Drawer test was negative on her hind legs. Laguna has been treated for heartworm about 2 years ago and the owner requested Chest X-Rays to asses her heart and lungs.

SPECIES

Canine

RADIOGRAPHIC STUDY OF THE STIFLES, PELVIS, & THORAX

Mediolateral views of both stifles, ventrodorsal hip extended and hip flexed views of the pelvis and right/left lateral and ventrodorsal views of the thorax totaling 7 images available for review.

BREED

Boxer Mix

RADIOGRAPHIC FINDINGS

Right Stifle

Moderate articular swelling of the right stifle joint is seen. Mild cranial thrust of the tibia appears to be present. There is a moderate amount of periarticular osteophytes accentuating the femoral trochlea and patella. The patella is in situ on the orthogonal view at the time of the radiographic examination.

SEX

Spayed Female

AGE

2 Years

Left Stifle

Moderate to severe articular swelling of the left stifle joint is seen. There is a moderate amount of periarticular osteophytes accentuating the femoral trochlea and patella. There appears to be mild cranial thrust of the tibia with respect to the femoral condyles.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

The angulation of the tibial plateau is relatively steep in both stifle joints.

Pelvis

Both patellae are in situ at the time of the radiographic exposure.

HOSPITAL NAME

Beaches-Fallingbrook
Veterinary Clinic

The muscle volume of both hind limbs appears adequate and symmetric.

The coxofemoral joints present no evidence of dysplasia or osteoarthritis.

REFERRING VET

Dr Sam Shahsavari

Thorax

The degree of pulmonary inflation is fair. A mild generalized bronchointerstitial lung pattern is noted which may be enhanced by the rather poor pulmonary inflation.

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The vertebral heart score is 11.2 which is within normal limits for a boxer. No overt main pulmonary arterial enlargement and no evidence of dilation of the pulmonary arteries is seen. There is no obvious rounding of the right ventricle.

No evidence of mediastinal widening is noted.

DATE

3-31-22

Course and width of the trachea are considered within normal limits.



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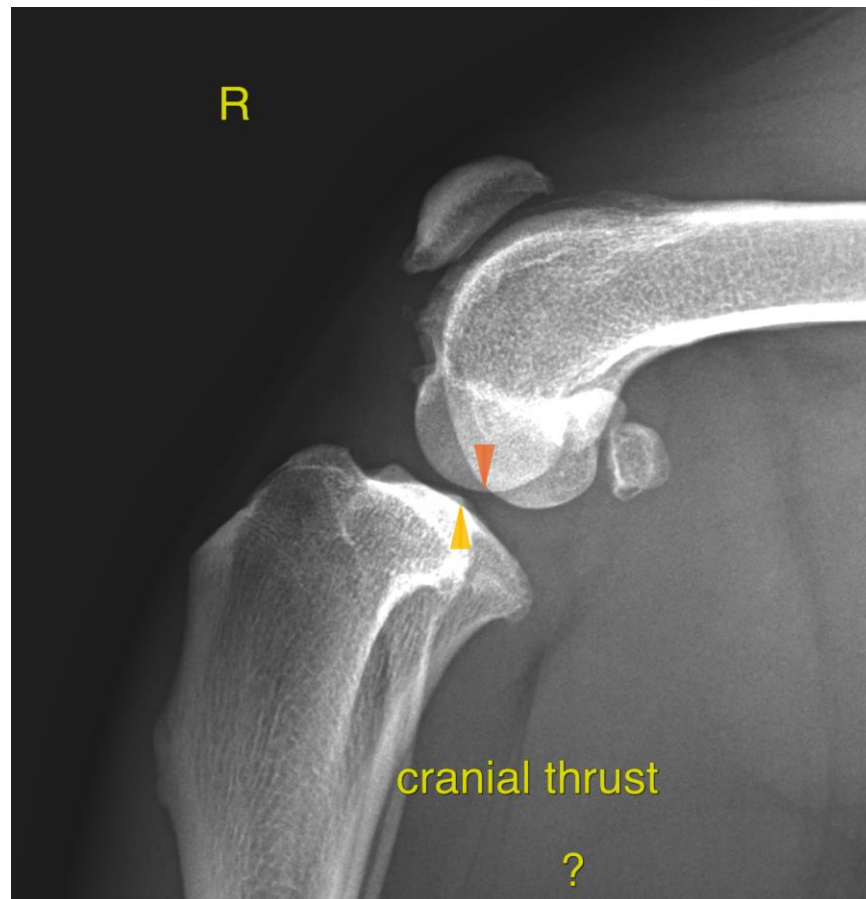
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RADIOGRAPHIC DIAGNOSIS

- Bilateral stifle arthropathy with moderate to severe articular swelling, signs of chronic osteoarthritis, and potential for cranial cruciate ligament injury.
- Radiographically normal coxofemoral joints.
- Normal age and breed related findings of the thorax.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The radiographic study reveals bilateral stifle arthropathy with signs of chronic osteoarthritis and moderate to severe articular swelling. There also is the impression of mild cranial thrust of the tibiae which, however, may be enhanced by the relatively steep incline of the tibial plateau. Cranial cruciate ligament failure, however, cannot be ruled out. Differential diagnosis includes cranial cruciate ligament injury, primary or secondary meniscopathy, and less likely primary degenerative joint disease or arthritis including immune mediated. Consider sedated palpation and eventual MRI as well as aspiration and analysis of synovia for further definition.





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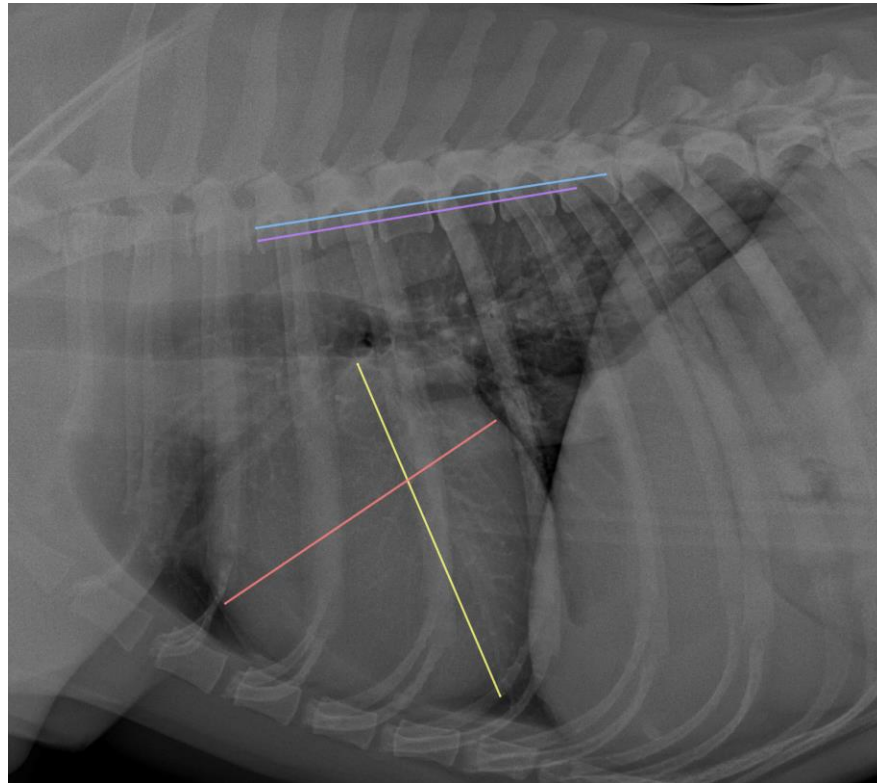
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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