



PATIENT PRESENTING CLINICAL SIGNS

Blue Keninitz Presented straining to urinate and small, stringy, bowel movements. Losing weight. Abnormal PE/Chem/CBC/UA Results: Normal

SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE THORAX & ABDOMEN

Canine Post contrast study of the thorax and plain and post contrast studies of the abdomen available for review.

BREED COMPUTED TOMOGRAPHIC FINDINGS

Beagle **Abdomen**

SEX

MN Mass-like enlargement of the prostate and pre-prostatic urethra are seen. An asymmetric hypoattenuating mass with foci of mineralization and predominance of peripheral contrast enhancement is seen. Regular prostatic tissue cannot be recognized anymore. The mass measures approximately 3.5 cm in length and 3.0 cm in diameter. The lesion margins to the urinary bladder neck are ill-defined. Thickening of the urinary bladder neck with increased contrast enhancement is noted.

AGE

7 The sacral, hypogastric, and medial iliac lymph nodes present within normal limits. There is no evidence of aggressive bone lesions.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

The kidneys, adrenal glands, liver, spleen, pancreas, and abdominal lymph nodes present within age related normal limits.

Thorax

Multiple ill-defined interstitial pulmonary nodules with variable contrast enhancement and of different size are seen throughout the parenchyma of all lung lobes. Patchy areas of confluent alveolar consolidation are seen and accentuating the periphery of all lung lobes.

HOSPITAL NAME

Northeast Veterinary Referral Hospital

The mediastinal lymph nodes present within normal limits. No evidence of cardiovascular pathology is seen.

REFERRING VET

Dr. Runde

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Prostatic mass meeting neoplastic criteria with predominance of hypoattenuating tissue and foci of mineralization.
- Multiple ill-defined interstitial pulmonary nodules with multifocal patchy alveolar pattern.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT findings are compatible with prostatic neoplasia. The CT features of the prostatic mass are not entirely typical for carcinoma. The lack of regional lymphadenomegaly and other findings also raises the suspicion of other soft tissue neoplasia than carcinoma such as prostatic sarcoma or round cell neoplasia. Final diagnosis however would require sampling which could be obtained under ultrasonographic guidance.

DATE

4-27-22

The nodular interstitial lung pattern is compatible with metastatic disease and should be



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considered so until proven otherwise. The possibility of granulomatous lung disease or pulmonary abscesses is thought highly unlikely unfortunately. Ultrasound guided fine needle aspiration of peripheral lung changes could be considered to establish a final diagnosis.

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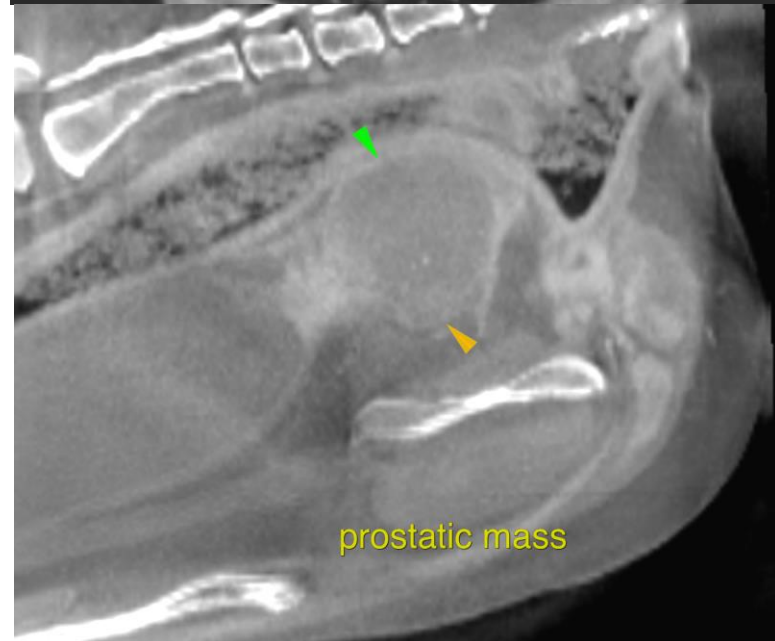
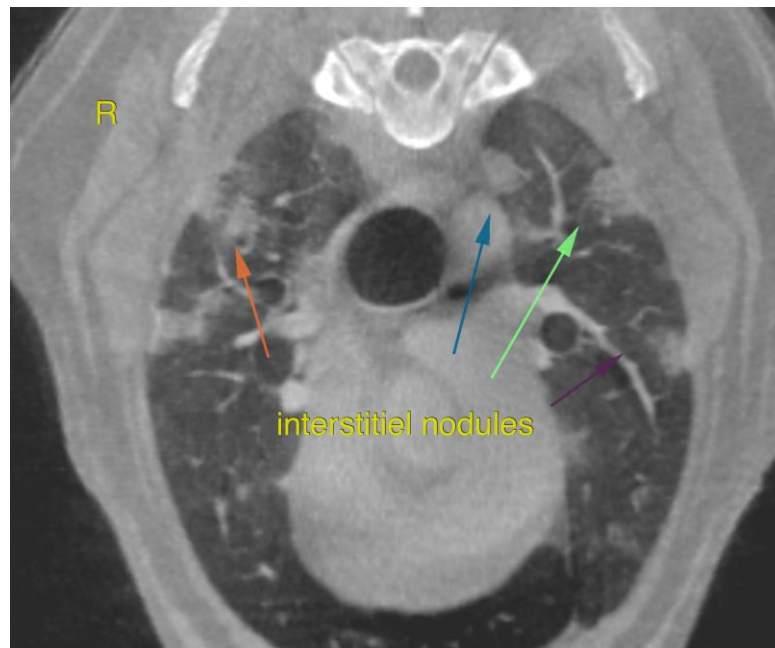
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

SPECIES

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

Beagle

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