



DATE PRESENTING CLINICAL SIGNS

11/30/2021

History 3-4 weeks PU/PD and coughing
Double cavity ultrasound was performed today (submitted to Sonopath) and a single hypoechoic splenic nodule (~1.cm irregular, no disruption of capsule) was noted.
CBC: Normal

INTERPRETED BY

L.D. McGill, DVM,
Ph.D, DACVP

Chems: -mild elev ALKP, else normal; -elev BNP (1404, ref 0-900)
UA: Isosthenuria 1.020, quiet sed, no protein, no bacteria
Radiographs: (radiologist interpretation)
-mineralization in both renal diverticula, numerous cystic calculi
-mild right heart and moderate left atrial enlargement

PATIENT

Prince Johnson

-hepatomegaly
-normal trachea, no pulmonary edema

CYTOLOGY SUBMISSION

Spleen

SPECIES

Canine

OBSERVATIONS

Spleen: Submitted are 6 very good to excellent videos of moderate nucleated cellular collection from the spleen in Prince. The cellularity consists of large numbers of red blood cells interspersed with moderate nucleated cells. The nucleated cells are mixed. Nucleated red blood cells are readily identified. There are scattered neutrophils and scattered small mature lymphocytes. Rare macrophages were identified. Malignant criteria were not identified.

BREED

Yorkie

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Spleen - Congested spleen with mixed nucleated cellularity.

SEX

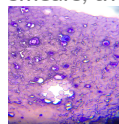
Male Neutered

COMMENTS

The cellularity in the collection supports congestion but there are also changes that are consistent with extramedullary hematopoiesis and very mild inflammation. There are no changes that would support neoplasia or sepsis. The congestion may be the result of the sedative. The changes of extramedullary hematopoiesis are not uncommon in the dog. With the cellularity present in the smears, there is no suggestion of any primary pathologic process.

AGE

12y9m



WEIGHT

13y

Image shows a collection of cells from the spleen in Prince. There are neutrophils, nucleated RBCs and small lymphocytes.

HOSPITAL NAME

Pacific Crest Mobile

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.

REFERRING VET

Dr. Callihan

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