



DATE PRESENTING CLINICAL SIGNS

10/24/22 Patient presented for abdominal U/S - hypoechoic nodule in spleen (0.52 cm), enlarged hyperechoic liver, enlarged adrenal glands. U/S guided FNA of spleen done. Elevated ALT, ALP, and cholesterol.

INTERPRETED BY CYTOLOGY SUBMISSION

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

Spleen

OBSERVATIONS

Spleen: Submitted are a large number of images collected from the cells aspirated from the spleen in Bailee. The cellularity consists of a large number of round cells the majority of which have the appearance of lymphoid cells with minimal cytoplasm. Scattered throughout the collection are large irregular lymphoid cells but the majority of the lymphoid cells are small to intermediate sized lymphoid cells. The first few images caused me to be concerned about a high number of atypical cells but they did not carry over through the rest of the images. There are scattered neutrophils and macrophages as well as scattered nucleated red blood cells. A few very small lymphocytes were identified.

PATIENT

Bailee Robilotti

SPECIES

Canine

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Spleen - Large numbers of lymphoid cells suggesting lymphoid nodular hyperplasia.

COMMENTS

BREED

Bichon frise

The cellularity in this collection is mainly lymphoid in nature. As stated in the description there were some images that caused me to be concerned about lymphoma but the majority of the images did not confirm that pattern of cellularity. Most of the cells are small to intermediate. This could be an intermediate cell lymphoma but my suspicion is that this is a lymphoid nodular hyperplasia.

SEX

Male Neutered

Exploratory and splenectomy will be required to confirm the diagnosis. If Bailee is not feeling well, then sending these slides off for PARR testing may be beneficial. A guarded prognosis is warranted since we do not know the original process in Bailee. This type of reaction could be some type of antigenic process from other disease processes in the abdominal cavity or in the bloodstream.

AGE

4/9/2016

WEIGHT

17.2 lbs

HOSPITAL NAME

Central Veterinary
Hospital

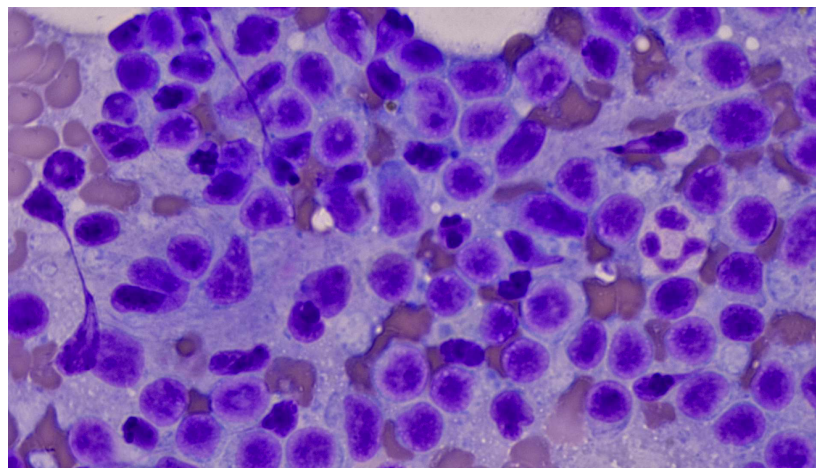


Image shows a representative collection of lymphoid cells from the spleen in Bailee. There is a neutrophil and most of the nuclei are approximately the size of RBCs.

REFERRING VET

Dr. St. Sir

INVOICE NUMBER

830



DATE 10/24/22 **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.**

INTERPRETED BY L.D. McGill, DVM, Ph.D., DACVP **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.**

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

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