

Final Report

Study Date/Time	01/12/2022 13:49 (CST)	Receive Date/Time	01/12/2022 18:22 (CST)
Patient Name	BUDDY SMITH	Modality	ULTRASONOGRAPHY
Patient ID	10 years 12 months 11 days	Institution	VETERINARY CLINIC
Age	M	Referring Veterinarian	REFERRING DVM
Sex	Canine	Image Count	526
Species	Mixed Breed	Priority	Standard
Breed	NO	Accession No.	220112
Spayed/Neutered	70.000 lbs	Owner	SAMUEL SMITH
Weight			

STUDY TYPE(S)

Abdomen - Complete

HISTORY / REASON FOR STUDY

You have selected Radiologist, please include all current ABNORMAL lab values and medications in the field below, if none please write None.

Labs WNL. Cerenia and metronidazole for vomiting and diarrhea.

Reason for Exam

Abdominal mass noted on radiographs and palpable in right/cranial abdomen

History and Concurrent Illness

Vomiting and diarrhea 5-7 days. Unexplained endocrine-type alopecia.

Differentials

Hepatic, splenic, or other abdominal mass.

OBSERVATIONS :

Complete abdominal ultrasound 89 images dated January 12, 2022

Findings

Liver-throughout the majority of the liver are multiple masses and nodules that are heterogenous with rounded bulging margins; mild to moderate signal on Doppler. Surrounding serosa is hyperechoic

Gallbladder-within normal limits

Left kidney measures 8.3 cm, cortex is mildly hyperechoic

Right kidney-right kidney not included, presumed to be displaced secondary to hepatic masses

-Urinary bladder is moderately filled with hypoechoic fluid

Prostate-moderately enlarged with smooth rounded margins and minimally heterogenous

On 2 images labeled bladder and prostate there is a rounded lobulated heterogenous structure. This may be a medial iliac lymph node

Spleen-within normal limits

Pancreas-region of pancreas is normal no evidence of effusion or hyperechoic mesentery

Small intestines-normal wall layering in thickness

Right testicle-multiple rounded lobulated hypoechoic to anechoic regions. Adequate Doppler signal; Measures 28.0 mm x 23.3 mm x 15.6 mm.

Complex mass measures 7.3 mm x 5.9 mm x 5.6 mm. Cystic mass measures 12.9 mm x 12.7 mm x 9.1 mm.

Left testicle multiple rounded, lobulated hypoechoic to anechoic regions. Adequate Doppler signal; Measures 42.1 mm x 31.3 mm x 22.5 mm. Large,

complex mass measures 25.6 mm x 25.6 mm x 22.6 mm. Solid mass measures 15.4 mm x 10.7 mm x 11.9 mm

Stomach and adrenal glands not included

Conclusion

-Multiple large hepatic masses and nodules throughout the liver; most consistent with neoplasia such as hepatic carcinoma. Nodular hyperplasia is less likely to unlikely given the marked diffuse nature. Granulomatous disease is considered unlikely. Cirrhosis with fibrosis is unlikely as liver is enlarged.

-Bilateral testicular cystic regions such as with cystic degeneration. Given cystic nature neoplasia is less likely.

-Mild left renal degeneration.

-Prostamegaly consistent with benign prostatic hypertrophy and intact status. Mild concurrent prostatitis is less likely.

-Structure seen on images with labeling of urinary bladder and prostate possibly enlarged medial iliac lymph node such as reactive or metastatic.

Comment

-Consider ultrasound-guided FNA of hepatic mass for cytology and three-view thoracic radiographs for staging.

Electronically Signed By : RADIOLOGIST DVM, DACVR

Approval Date/Time (CST) : 01/12/2022 21:47

Patient Name : BUDDY SMITH

Patient ID : BUDDY

Site Code : 00363