

DATE PRESENTING CLINICAL SIGNS

8/19/21

Decreased appetite, elevated liver and pancreatic values.

INTERPRETED BY CYTOLOGY SUBMISSION

US Guided FNA: Liver

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

OBSERVATIONS

Liver: Submitted are 6 excellent videos of cells collected from the liver in Sydney. There are scattered hepatocytes with minimal granularity of the cytoplasm. There are large numbers of rounded cells. Many of these cells are aggregated. These cells demonstrate anisocytosis and anisokaryosis. They have minimal cytoplasm. Where it is identified, the cytoplasm is bluish grey. Occasionally the cells appear to line up in chain like rows. These cells have many of the characteristics of neuroendocrine cells.

PATIENT

Sydney Angel

SPECIES

Canine

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Large numbers of cells consistent with neuroendocrine carcinoma cells such as an Islet cell carcinoma or other sources.

BREED

Cairn Terrier

COMMENTS

These cells in these excellent videos likely represent a metastatic neoplastic process from some other organ in the abdominal cavity. Islet cell carcinoma is the most likely metastatic process. It may be from other sources such as a chemodectoma or even metastatic from an anal sac carcinoma which looks the same as this cellularly. An outside possibility is a bile duct carcinoma but in my opinion these cells are not characteristic for bile duct cells. Continued evaluation for a source may be beneficial but with multiple sites likely in the liver, an unfavorable prognosis is likely.

AGE

12 years

WEIGHT

18.6#

HOSPITAL NAME

Animal Hospital of
Roxbury

REFERRING VET

Dr. Elia

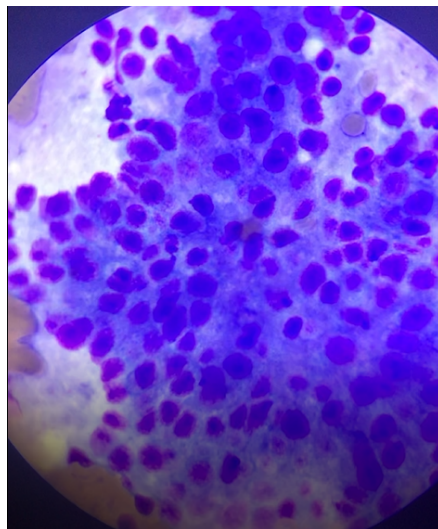
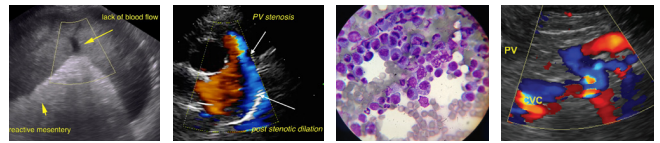


Image shows large numbers of the irregular cells collected from the liver in Sydney. These cells suggest neuroendocrine cells. There is prominent anisokaryosis.

INVOICE NUMBER

9079



DATE

8/19/21

INTERPRETED BY

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

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.

PATIENT

Sydney Angel

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

8288 Top of the World Drive
Cottonwood Heights, UT 84121
ldmcgill.vetpath@gmail.com
cell: 801-865-1220

SPECIES

Canine

BREED

Cairn Terrier

SEX

FS

AGE

12 years

WEIGHT

18.6#

HOSPITAL NAME

Animal Hospital of
Roxbury

REFERRING VET

Dr. Elia

INVOICE NUMBER

9079