

ANTECH

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Steinway Court Veterinarian
ANTECH Acct No. **121000**Accession No. **NVBC04117173**
Received 10/16/2020
Reported 10/22/2020 07:40 AM

Doctor GLASSER

Owner	Pet Name	Species	Breed	Sex	Pet Age	Chart#
QUISBERT	CHARLIE	Feline	Domestic Shorthair	CM	14Y	2102
Test Requested		Results	Reference Range	Units		

HISTOPATHOLOGY FULL

History:

- A) Colon.
- B) Lymph node.
- Rule out lymphoma, other.

Received:

- A) Four endoscopic biopsies - all processed.
- B) Tissue less than 1.0 cm - all processed.

Biopsy

- SOURCE No. 1:
- A. Colon

DESCRIPTION:

Arising from an ulcerated mucosa and invading the lamina propria, submucosa, and smooth muscle layers is a poorly demarcated neoplasm composed of cuboidal to polygonal epithelial cells arranged in irregular tubules and cords supported by a desmoplastic stroma. The neoplastic cells have variably distinct borders, moderate fine granular eosinophilic cytoplasm, and round to oval nuclei with finely stippled chromatin and 1-3 nucleoli. Anisokaryosis and anisocytosis are moderate, and 17 mitotic figures are seen. The surface of the mass is deeply ulcerated.

MICROSCOPIC FINDINGS: COLORECTAL ADENOCARCINOMA

SURGICAL MARGINS: N/A - incisional biopsy; neoplastic cells extend to the biopsy margins.

COMMENTS:

Intestinal adenocarcinomas are malignant epithelial tumors with aggressive biologic behavior. Feline intestinal adenocarcinomas metastasize rapidly, and approximately 3/4 of cases are found to have metastatic disease at the time of diagnosis, most commonly within the peritoneum or to local lymph nodes. Histological subclassification has not been found to predict clinical behavior. Cats with rectal adenocarcinomas have been reported to have survival times similar to cats with adenocarcinomas elsewhere in the intestine.

Consultation with an oncologist on this case may provide additional diagnostic and therapeutic advice. *Veterinarians, if you would like to speak with one of our specialists, call the consultation service at 1-888-VET-INFO (1-888-838-4636). This service is provided

Accession No. 150417173	Doctor GLASSER	Owner QUISBERT	Pet Name CHARLIE
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free-of-charge from Antech Diagnostics.			

SOURCE No. 2:
B. Lymph node

DESCRIPTION:

Examined are sections of a hyperplastic lymph node. Lymphoid follicles are diffusely hyperplastic. Lymphoid tissue is composed of a heterogeneous population of small to intermediate lymphocytes which form primary and secondary follicles with polarized germinal centers and an expanded paracortex with tingible body macrophages. Within subcapsular and trabecular sinuses are small numbers of lymphocytes and foamy histiocytes.

MICROSCOPIC FINDINGS:

Lymph node: REACTIVE HYPERPLASIA, MODERATE

COMMENT:

Findings are consistent with a reactive lymph node. There is no evidence of neoplasia or lymphadenitis. These findings indicate antigenic stimulation from the intestinal tract.

PATHOLOGIST:

Set Sokol, DVM, Diplomate ACVP

I am available Monday and Thursday-Saturday (Central Time Zone).
*Veterinarians, if you would like to discuss this case, please email me at set.sokol@antechmail.com or call my direct number at 949-372-3006. If I am unavailable and you need immediate assistance, please call 1-800-872-1001, option 0 for Customer Service.

To view an interactive version of this report, please go to Antech Online where you can find high quality histopathology images from this case embedded in the report. These images can be viewed in our Antech Online Viewer, saved, or downloaded with a pdf version of the report