



**PATIENT PRESENTING CLINICAL SIGNS**

Tucker Epker Tucker presents to MVCT for a CT scan of his chest and abdomen. Ruling out intestinal mass and metastasis. Tucker has history of acute melena. Prior liver lobectomy & splenectomy. Pathology determined both liver and spleen were non-cancerous. Patient has gold in caudal abdomen near pelvis for pain treatment.

**SPECIES**

Canine

**COMPUTED TOMOGRAPHIC STUDY OF THE THORAX & ABDOMEN**

**BREED**

Lab Mix

Plain and post contrast studies in bone, soft tissue, and lung windows available for review.

**COMPUTED TOMOGRAPHIC FINDINGS**

**SEX**

MN

**AGE**

10

**Abdomen**

The patient's body condition score is excessive.

The patient has a history of liver lobectomy and splenectomy.

The remaining hepatic parenchyma presents uniform in attenuation and enhancement.

Mineral attenuating foci are also present in the region of the splenic hilus, and metal attenuating material is present in the portal hilus to the left of the midline.

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

The adrenal glands and kidneys present within normal limits.

The pancreas and gastrointestinal tract present within normal limits.

There is no evidence of a mesenteric mass or mesenteric lymphadenomegaly.

**HOSPITAL NAME**

Mobile Veterinary CT

Multiple gold implants are seen parallel to the lumbar spine and pelvis.

Multiple small mineral attenuating foci are seen in the bilateral caudodorsal abdomen.

Multiple body wall lipomas are seen.

**REFERRING VET**

Micahel McGonigal

A mineralizing mass effect appears to be present in the left gluteal muscle.

**Thorax**

**INVOICE**

58855

The left lobe of the thyroid gland is partially included in the study and appears to present expansile enlargement with small mineral attenuating foci.

The lung presents within age related normal limits.

**DATE**

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The mediastinal lymph nodes present within normal limits. No direct signs of cardiovascular pathology are seen.

Mild bilateral shoulder osteoarthritis is noted.



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**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Suspect left thyroid mass meeting neoplastic criteria.
- Suspect mineralizing mass in the left gluteal muscle.
- History of liver lobectomy and splenectomy.
- Multiple small mineralizing nodules within the caudodorsal abdomen.
- No evidence of an intestinal mass.
- No evidence of mesenteric lymphadenomegaly.
- Normal thorax.
- Gold implants and body wall lipomas.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The CT study does not reveal evidence of a gastrointestinal mass or mesenteric lymphadenomegaly.

Suture granulomas appear to be present at the former splenic hilus.

The remaining hepatic tissue presents within normal limits.

The multiple small mineral attenuating foci or nodules in the bilateral caudodorsal abdomen are suggestive for multiple nodular lipomatosis or dystrophic mineralization. Infectious granulomas and carcinomatosis cannot be ruled out entirely but are considered by far less likely.

Note the presence of an expansile mass of the left thyroid lobe. Thyroid carcinoma or adenoma is considered likely. Further definition by means of ultrasound or CT recommended.

Further imaging of the left gluteal muscles with eventual sampling of the suspected mass should be considered as well.



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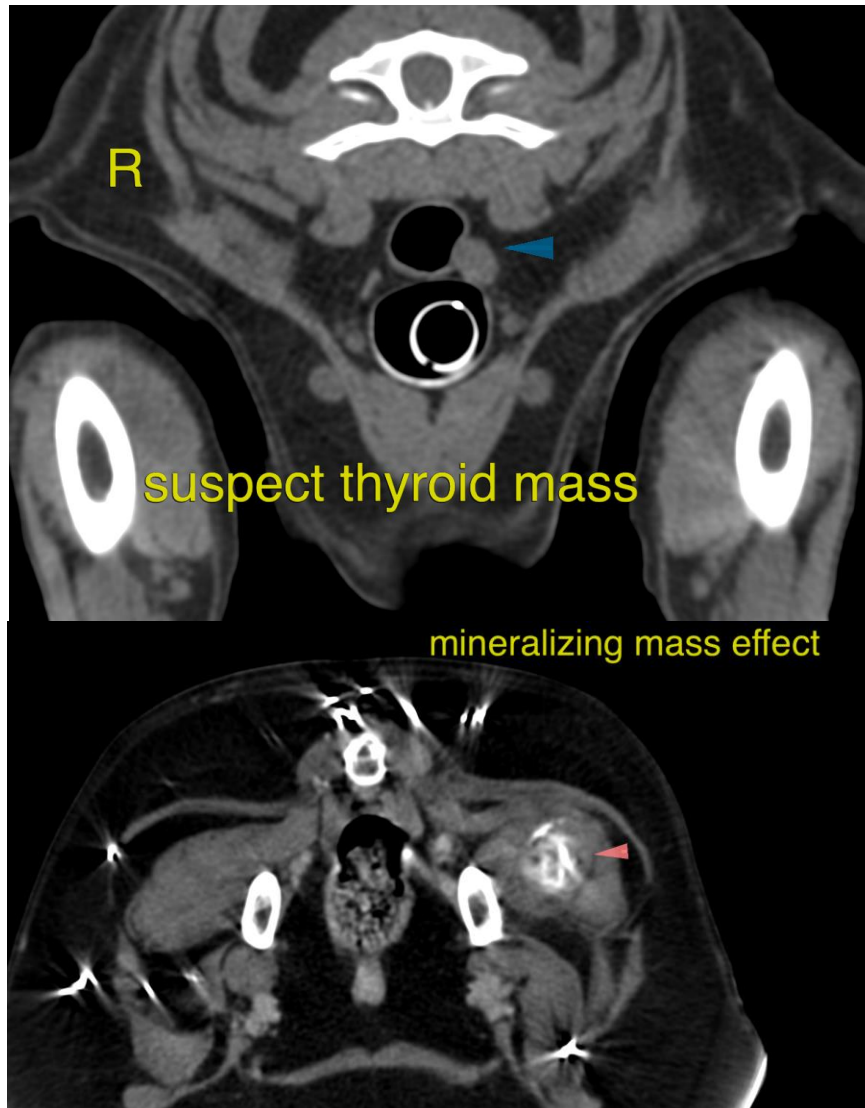
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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