



**PATIENT PRESENTING CLINICAL SIGNS**

**Bella Coats**  
**SPECIES** Canine  
**BREED** Bichon Frise Mix

Bella presented for oral examination and her annual professional dental cleaning. Bella has a history of an infiltrative lipoma with peripheral neuropathy that has been treated by Dr. Smith and Dr. Bichsel. Bella also gets full body recheck CT scans yearly by Aloha Pet & Bird Hospital to monitor any regrowth of the infiltrative lipoma and is usually evaluated by Dr. LaDue at PetCure Oncology in Jacksonville. Bella's last professional dental cleaning was performed ~2 years ago and no extractions were performed. Bella is currently on gabapentin (BID), meloxidyl (SID) and a joint supplement for her left hindlimb.

Abnormal PE/Chem/CBC/UA Results: Performed 8/31/22: CBC PCT 0.49% (0.14-0.46); Chem: Alb 4.1 (2.3-4.0), ALKP 11 (23-212), Lipa 2476 (200-1800) PE: Moderate muscle atrophy on epaxial muscles on the L hip and L hindlimb.

**COMPUTED TOMOGRAPHIC STUDY OF THE ABDOMEN**

**SEX** Whole body CT scan - plain and post contrast studies available for review.  
**FS** Abdominal read requested.

**COMPUTED TOMOGRAPHIC FINDINGS**

**AGE** 7  
 The patient has a history of infiltrative lipoma and peripheral neuropathy.  
 Mineral attenuating implants are seen on the left side of the caudal pelvic canal. The left pelvic fat is absent. The rectum is directly adjacent to the pelvic implants.

**INTERPRETED BY**

Nele Eley, DVM  
 Dr. med. Vet. DipECVDI

Mild sclerosis and a focal cortical defect of the left iliac body are seen level with and caudal to the left sacroiliac joint.

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The left caudal epaxial musculature and gluteus muscles present moderate atrophy. Moderate left hind limb atrophy is noted as well as bony atrophy.

The regional lymph nodes in the hypogastrium present within normal limits.

The serosal fat presents normal attenuation behavior. There is no evidence of peritoneal effusion or peritonitis.

**REFERRING VET**

Dr. Morgado

Both kidneys present within normal limits for size, shape and organ architecture. After contrast administration a bilaterally symmetric and uniform nephro- and pyelogram is noted.

The adrenal glands are within normal limits for size, shape and organ architecture.

**INVOICE**

54340

The spleen presents with normal shape, even surface, uniformly attenuating parenchyma and homogeneous contrast enhancement, unremarkable.

Moderate generalized enlargement of the liver is noted. The gallbladder is moderately distended and contains a moderate amount of mineral attenuating sediment.

**DATE**

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The pancreas is evenly contoured, the pancreatic parenchyma is homogeneous and presents uniform contrast enhancement.



**PATIENT**

The position, delineation, wall and content of the gastrointestinal tract are considered within normal limits throughout.

Bella Coats

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

**SPECIES**

- History of surgical resection of an infiltrative lipoma with left sided pelvic floor reconstruction and left sided epaxial, gluteus, and hind limb muscle atrophy.
- Small osseous defect and sclerosis of the left iliac body.
- Hepatomegaly.
- Biliary microlithiasis.

Canine

**BREED**

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Bichon Frise Mix

The findings are compatible with pelvic floor reconstruction after removal of an infiltrative lipoma. No macromorphological evidence of regrowing lipoma is seen. The surgical site interferes with the pathway of the left sciatic nerve which may explain the peripheral neuropathy with neurogenic muscle atrophy.

**SEX**

FS

Differential diagnosis for the hepatomegaly includes vacuolar, endocrine, metabolic hepatopathy and less likely diffuse, inflammatory/infectious, or neoplastic infiltrate to correlate with the laboratory values.

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**PATIENT**

Bella Coats

**SPECIES**

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**SEX**

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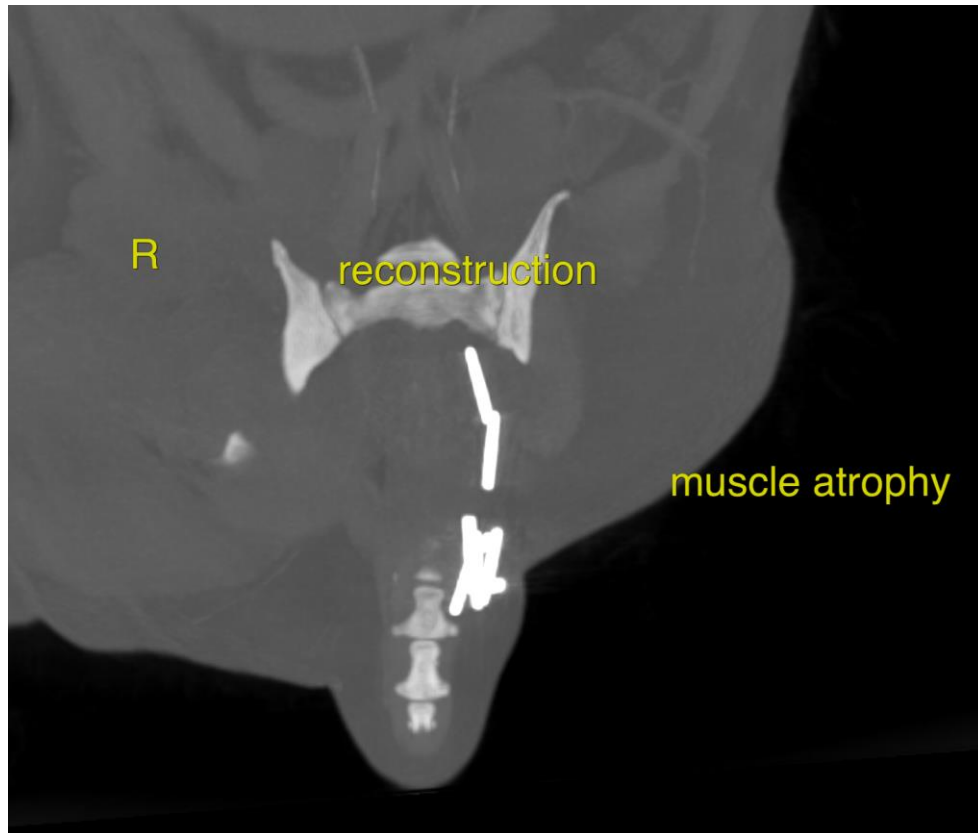
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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