



PATIENT PRESENTING CLINICAL SIGNS

PATIENT
Dexter Arevalo

SPECIES
Feline

BREED
Maine Coon

Patient had an abdominal explore for retained testicles 8/2022. Routine scrotal self ligature castration was performed at the left testicle. Both inguinal canals and abdominal cavity was explored for retained right testicle. A ~3-5mm piece of tissue within the right inguinal canal that potentially resembled the retained testicle was excised and sent for histopathology that revealed to be just a lymph node and not testicular tissue. Patient has barbs on penis and foul smelling urine, like an intact male. Trying to locate retained testicle via CT. Blood Testosterone level last week was 30ng/dL . Please note - patient suffered jaw fracture and avulsed chin 2 weeks ago from unknown trauma (possibly HBC - he snuck out of the house). Was surgically repaired / wired at that time and is still healing. Pre and post contrast images provided.

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD, NECK, THORAX, & ABDOMEN

Plain and post contrast studies available for review.

SEX
M/Intact

Multiple streak and motion related artifacts interfere with the assessment of the head, neck, thorax, and abdomen.

COMPUTED TOMOGRAPHIC FINDINGS

AGE
2 Years

Abdomen

The patient has a history of surgical removal of inguinal testicular tissue on the right hand side.

INTERPRETED BY
Nele Eley, DVM
Dr. med. Vet. DipECVDI

There is a 4 x 6mm sized soft tissue attenuating enhancing structure in the right inguinal soft tissue which appears to connect to the inguinal vessels and deferent duct.

Mild peripheral fat stranding is seen regionally, and the right superficial inguinal lymph node presents mild symmetric enlargement.

HOSPITAL NAME
Animal Surgical Center

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.

REFERRING VET
Dr. R Lombardi

Both liver and spleen present with normal shape, even surface, uniformly attenuating parenchyma and homogeneous contrast enhancement, unremarkable.

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

INVOICE
57673

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

Thorax

DATE
4-6-23

The bony and surrounding soft tissue structures are within normal limits.

The sternal, cranial mediastinal and tracheobronchial lymph nodes are small elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation and contrast enhancement pattern are



PATIENT uniform and considered within normal limits.

Dexter Arevalo The cardiovascular structures including the pulmonary vasculature are within normal limits.

SPECIES The bronchial tree presents with regular branching and tapers uniformly towards the periphery as expected, the bronchial walls are thin and smooth. The bronchus-to-artery ratio is within normal limits.

Feline The lung parenchyma presents the expected architecture and attenuation behavior.

BREED Small incidental gas pockets are seen within the esophageal lumen, there is no evidence of abnormal dilation.

Maine Coon **Head & Neck**

SEX The left tympanic bulla presents moderate hyperostosis. The lumen of the tympanic bulla however is uniformly gas attenuating. No evidence of fluid accumulation or mucosal swelling is seen.

M/Intact The regional lymph nodes present within normal limits.

AGE Both lobes of the thyroid gland are seen and present within normal limits.

2 Years The cervical lymph nodes present within normal limits.

INTERPRETED BY **COMPUTED TOMOGRAPHIC DIAGNOSIS**

Nele Eley, DVM
Dr. med. Vet. DipECVDI

- Small ovoid soft tissue attenuating structure in the right inguinal area with peripheral fat stranding and mild regional lymphadenomegaly.
- Hyperostosis of the left tympanic bulla.

HOSPITAL NAME **INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Animal Surgical
Center

The CT study reveals a small, ovoid soft tissue structure in the right inguinal area. Differential diagnosis includes organizing hematoma from prior surgery and residual right inguinal testicular tissue. Mild peripheral fat stranding compatible with cellulitis and edema or hemorrhage is seen. The mild regional lymphadenomegaly is compatible with reactive hyperplasia.

REFERRING VET

Dr. R Lombardi

The hyperostosis of the left tympanic bulla may represent congenital malformation versus hyperostosis secondary to prior otitis media.

INVOICE

57673

DATE

4-6-23



PATIENT

Dexter Arevalo

SPECIES

Feline

BREED

Maine Coon

SEX

M/Intact

AGE

2 Years

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME

Animal Surgical
Center

REFERRING VET

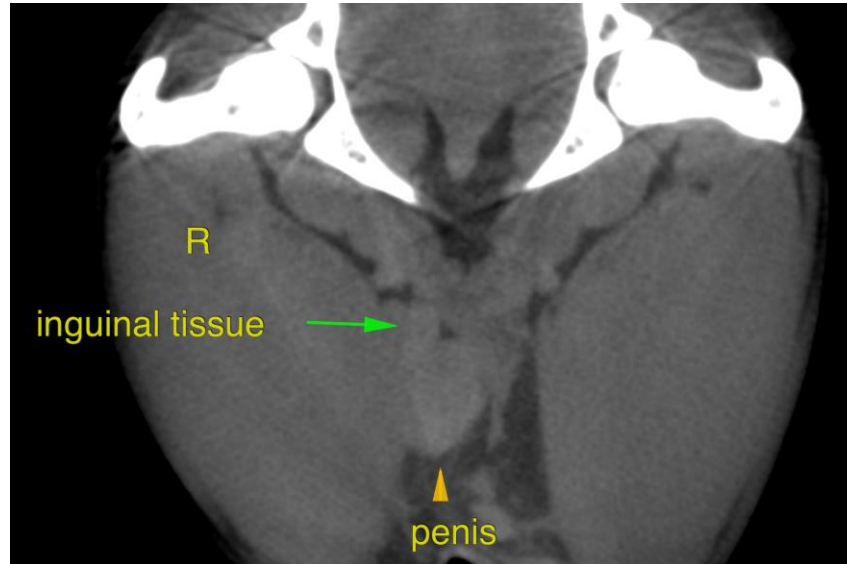
Dr. R Lombardi

INVOICE

57673

DATE

4-6-23



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.

Nele Eley, DVM, Dr. med. vet., DipECVDI
European Specialist in Veterinary Diagnostic Imaging, Cert. Radiology,
Senior lecturer University of Giessen, Germany, Veterinary Faculty, Department of Radiology
Nele.Eley@sonopath.com