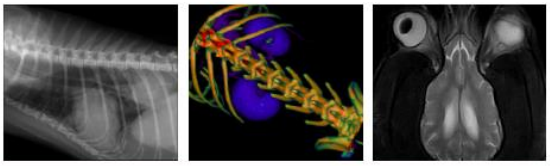


SonoPath.com
1-800-838-4268 info@sonopath.com

PATIENT

Precious Socha

SPECIES

Canine

BREED

Yorkshire Terrier

SEX

Female Spayed

AGE

13 Years

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

HOSPITAL NAME

Casselton Vet Service

REFERRING VET

Brad Bartholomay

INVOICE

59442

DATE

7-18-23

PRESENTING CLINICAL SIGNS

From primary vet 3 weeks ago:Recent bout of gastronenteritis/possible pancreatitis at which time hepatic enzymes were elevated. No further vomit/diarrhea, however appetite is inconsistent. Patient sleeping more and withdrawn. O notes abdomen becoming more firm (possibly distended). Has been on Rimadyl, tramadol, gabapentin and liver supplements. At today's exam (7-19-23) O reports patient has developed diarrhea and is not eating well. O has been feeding homemade diet with bison, chicken and steak. A new lump has developed under left jaw (appears to be submandibular lymph node per cytology) and growing rapidly in the last 7-10 days. Patient also has bilateral iris atrophy and a brown spot on the right lens. Patient is mildly bloated and tender. Previous history includes a diagnosis of GME about 6-8 years ago. Patient had imaging (CT/MRI?) performed at Minnesota State University after having a seizure-has not had any seizures since. Left mandibular lymph node was removed today prior to the CT.
Abnormal PE/Chem/CBC/UA Results: cPL was abnormal today; BUN was elevated (43, normal range 7-27); otherwise CBC and other chemistries were within normal limits. FNA cytology of mass revealed multiple lymphocytes of consistent normal size

COMPUTED TOMOGRAPHY OF THE SKULL, THORAX AND ABDOMEN

A high resolution pre- and post-contrast CT study of the skull and abdomen and a post-contrast CT study of the thorax are provided for review.

COMPUTED TOMOGRAPHIC FINDINGS

Skull

Regarding the anatomy, electronic image markers are flipped.

All teeth are absent, but a retained fragment of triadan 203. The remaining fragment of triadan 203 presents a widened periodontal space with periapical perforation of the alveolar crest.

The nasal cavity presents the expected aerated spaces between thin & even conchae and turbinates with smooth mucosal lining.

Both temporomandibular joints present congruent joint spaces with even subchondral bone surfaces and are considered within normal limits.

Both tympanic bullae are aerated, the mucosal lining is not seen, the bony wall is smooth and thin. The external ear canals are within normal limits.

Post contrast administration, protruding from the pituitary fossa, a cone shaped, irregular contrast enhancing mass is seen, measuring 7.5 x 5.8 x 6.3 mm – distorting the ventral aspect of the diencephalon. The ventricular system is non-dilated and symmetric.

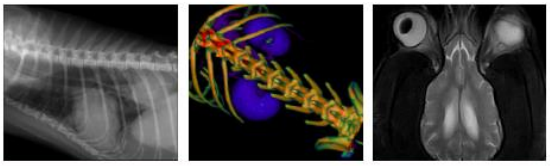
The left medial retropharyngeal lymph node is prominent.

In the left submandibular region, multiple subcutaneous gas inclusions are appreciated- preceding surgical excision of the left mandibular lymph nodes.

Thorax

Multifocal mild spondylosis formation is seen.

Multifocal throughout the subcutaneous tissue along the trunk, well-defined soft tissue nodules are seen.



SonoPath.com
1-800-838-4268 info@sonopath.com

PATIENT

Precious Socha

SPECIES

Canine

BREED

Yorkshire Terrier

SEX

Female Spayed

AGE

13 Years

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

HOSPITAL NAME

Casselton Vet Service

REFERRING VET

Brad Bartholomay

INVOICE

59442

DATE

7-18-23

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 is uniform and considered within normal limits.

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

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.

The lung parenchyma presents the expected architecture and attenuation behavior.

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

Abdomen

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

Both kidneys present within normal limits for size, shape and organ architecture. After contrast administration throughout the renal cortex, multiple cortical filling defects are appreciated.

The adrenal glands are mildly enlarged, presenting a maximal cross-sectional diameter of 7.9 mm. The right adrenal gland presents an intraparenchymal heterogeneous contrast enhancing nodular lesions, measuring 7.7 mm in diameter.

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

The hepatic volume is increased and the liver is protruding caudally beyond the costal arch. The caudoventral hepatic margins are rounded. The hepatic parenchyma is uniform soft tissue attenuating and has a mild heterogeneous contrast enhancement pattern. The gallbladder contains a small volume of mild hyperattenuating material. The common bile duct is dilated, measuring 3 mm in diameter.

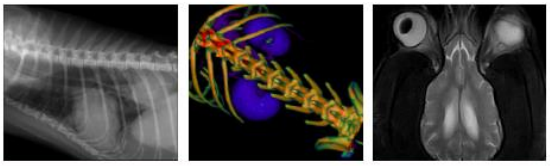
The pancreas is evenly contoured, the pancreatic parenchyma is homogeneous and presents uniform contrast enhancement.

The position, delineation of the stomach and the small intestinal tract are considered within normal limits throughout. The stomach and small intestinal loops contain a small amount of fluid. The mucosal lining of the caudal segment of the descending colon/rectum is prominent and corrugated.

The bony and surrounding soft tissue structures reveal no abnormalities.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Intracranial extraaxial sellar soft tissue mass
- Mild adrenomegaly with intraparenchymal nodular lesion right adrenal gland
- Hepatomegaly
- Dilated common bile duct without signs of mechanical obstruction
- Mild biliary sludge
- Prominent mucosal lining rectum
- Fluid pattern gastrointestinal tract
- Periodontal disease 203 with oronasal fistula formation
- All teeth are absent but triadan 203



SonoPath.com
1-800-838-4268 info@sonopath.com

PATIENT

Precious Socha

SPECIES

Canine

BREED

Yorkshire Terrier

SEX

Female Spayed

AGE

13 Years

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

HOSPITAL NAME

Casselton Vet Service

REFERRING VET

Brad Bartholomay

INVOICE

59442

DATE

7-18-23

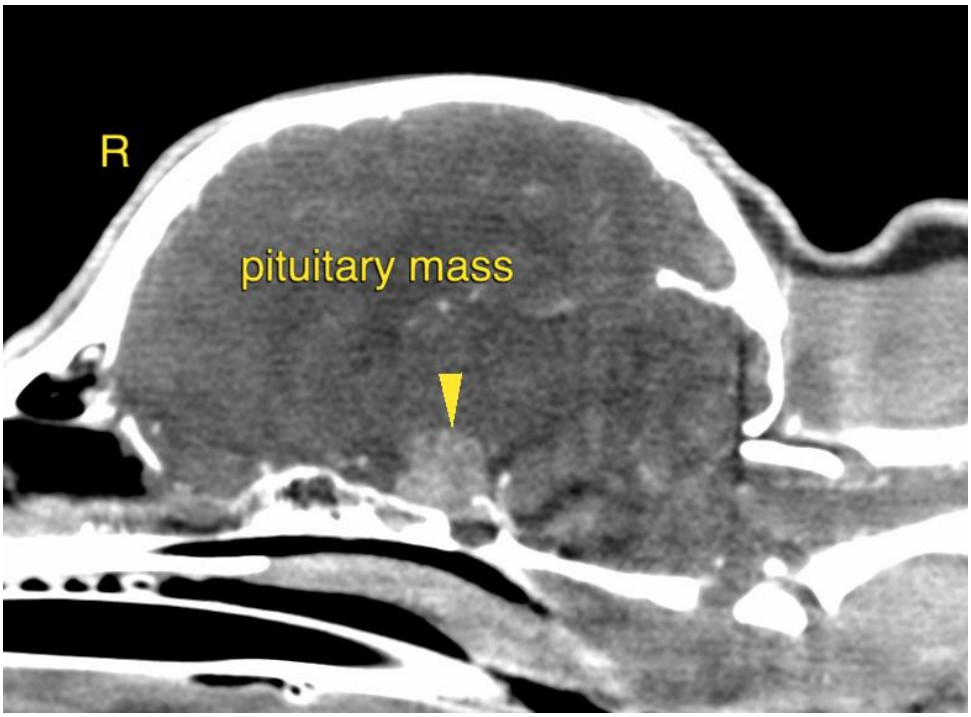
- Renal cortical cysts
- Multiple non-specific subcutaneous soft tissue nodules along the trunk
- Spondylosis deformans
- Preceding surgical resection of the left mandibular lymph nodes

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The conical shaped mass protruding from the pituitary fossa is compatible with (non)functional pituitary adenoma. The prominent adrenal glands can indicate functional pituitary adenoma with secondary hyperplasia of the adrenal glands. The nodular intraparenchymal lesion of the right adrenal can represent macronodular hyperplasia or early stage of neoplastic transformation (e.g. adenoma, adenocarcinoma). Recommend testing of the pituitary adrenal axis.

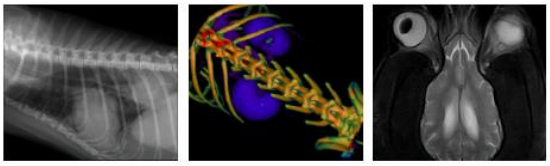
Potentials for the hepatomegaly include metabolic hepatic disease/steroid induced hepatopathy, hepatitis or diffuse neoplastic infiltration. In case of doubt, ultrasound guided FNA sampling and/or Tru-cut biopsy can be used as minimally invasive methods for further workup.

The fluid pattern of the gastrointestinal tract is fitting the history of enteritis. The mucosal swelling of the rectum can represent colitis. Recommend complementing by a digital rectal exam to rule out abnormal intramural changes, suggestive for malignant transformation.



SonoPath Teleradiology

EDUCATIONAL TELECONSULTATION SERVICES™



SonoPath.com
1-800-838-4268 info@sonopath.com

PATIENT

Precious Socha

SPECIES

Canine

BREED

Yorkshire Terrier

SEX

Female Spayed

AGE

13 Years

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

HOSPITAL NAME

Casselton Vet Service

REFERRING VET

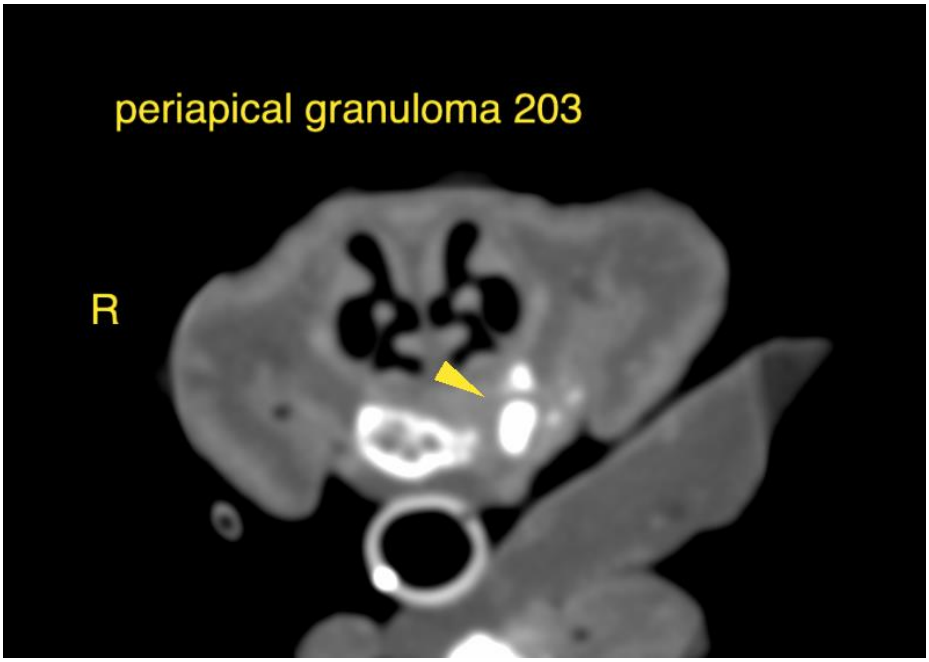
Brad Bartholomay

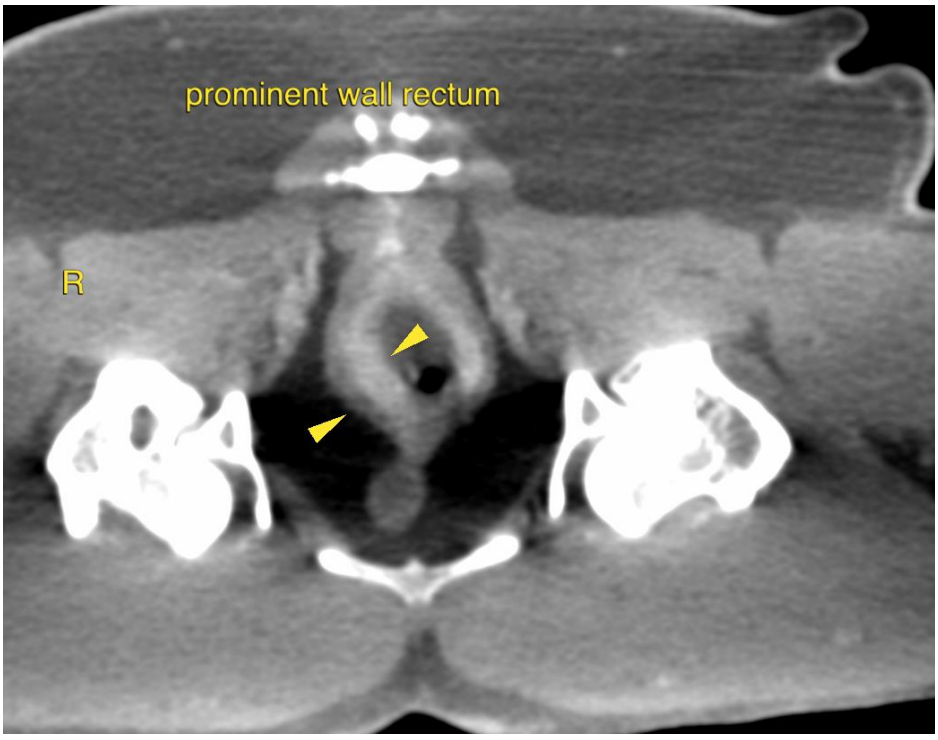
INVOICE

59442

DATE

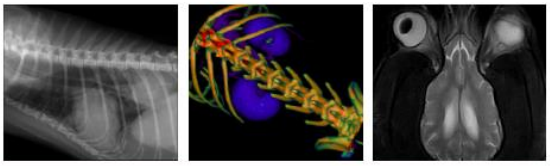
7-18-23





SonoPath Teleradiology

EDUCATIONAL TELECONSULTATION SERVICES™



SonoPath.com

1-800-838-4268 info@sonopath.com

PATIENT

Precious Socha

SPECIES

Canine

BREED

Yorkshire Terrier

SEX

Female Spayed

AGE

13 Years

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

HOSPITAL NAME

Casselton Vet Service

REFERRING VET

Brad Bartholomay

INVOICE

59442

DATE

7-18-23

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.

Sebastian Schaub, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI
info@sonopath.com