



PATIENT

Daisy Rich

SPECIES

Canine

BREED

Yorkshire Terrier

SEX

FS

AGE

1 Year, 9 Months

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME

Animal Health
Partners

REFERRING VET

Dr. Ashley Gold

INVOICE

58137

DATE

5-4-23

PRESENTING CLINICAL SIGNS

Daisy was the runt of the litter, much smaller and abnormally shaped than the rest of the litter. Chronic marked stertor lifelong despite not brachycephalic breed. No nasal discharge, no coughing. Mentally not as sharp as other dogs, but no other overt neurologic signs. On sedated oral exam noticed malformed soft palate - right side much shorter than left. Abnormal PE/Chem/CBC/UA Results: Mildly increased BUN, rest of blood work normal. Marked stertor on exam. Nasal airflow present.

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

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

COMPUTED TOMOGRAPHIC FINDINGS

Head & Neck

The Yorkshire terrier actually is a brachycephalic breed based on skull indices. The calvarium is dome shaped.

Bilateral lateral ventriculomegaly and third ventriculomegaly of the brain is noted and considered mild with no evidence of active distension.

There is severe deviation of the nasal septum towards the left side in the mid third of the nasal cavities.

The frontal sinuses are absent as common in brachycephalic breeds.

There is atlantooccipital overlapping.

A moderate amount of fluid attenuating material and moderate mucosal swelling are noted within both nasal cavities. The nasal choana is extremely narrow. No evidence of elongation of thickening of the soft palate is seen.

The cervical trachea presents moderate dorsoventral flattening. Mild intrathoracic tracheal flattening is noted.

Thorax

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 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.



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

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

SPECIES **Abdomen**

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

BREED The left kidney is absent. A left renal artery and vein are not seen.

Yorkshire Terrier The left phrenicoabdominal arteries and veins and left adrenal gland presents within normal limits.

SEX There is no evidence of portosystemic shunting. The portal vascular anatomy presents within normal limits.

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

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

1 Year, 9 Months

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

Nele Eley, DVM
Dr. med. Vet. DipECVDI

Mild multifocal mesenteric lymphadenomegaly is noted and considered within age related normal limits.

HOSPITAL NAME

Animal Health
Partners

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Moderate bilateral nondestructive rhinitis.
- Stenosis of the nasal choana.
- Deviation of the nasal septum.
- Signs of dynamic tracheal disease.
- Aplasia of the left kidney.
- No evidence of portosystemic shunting.

REFERRING VET

Dr. Ashley Gold

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

INVOICE

58137

The CT study reveals primary upper airway stenosis with a very narrow nasal choana. Moreover, there are moderate signs of nondestructive bilateral rhinitis and deviation of the nasal septum is noted. The rhinitis may be due to the upper airway stenosis and “obstructed.” However, allergic rhinitis and infectious rhinitis such as viral, bacterial, or mixed is a potential too. Further definition by means of airway sampling could be considered.

DATE

5-4-23

Note that there is evidence of dynamic tracheal disease accentuating the cervical trachea. Assessment is limited due to the presence of endotracheal intubation. Clinical significance of the tracheal narrowing is uncertain at this point. However, this tends to be chronic progressive.



PATIENT

Daisy Rich

SPECIES

Canine

BREED

Yorkshire Terrier

SEX

FS

AGE

1 Year, 9 Months

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME

Animal Health
Partners

REFERRING VET

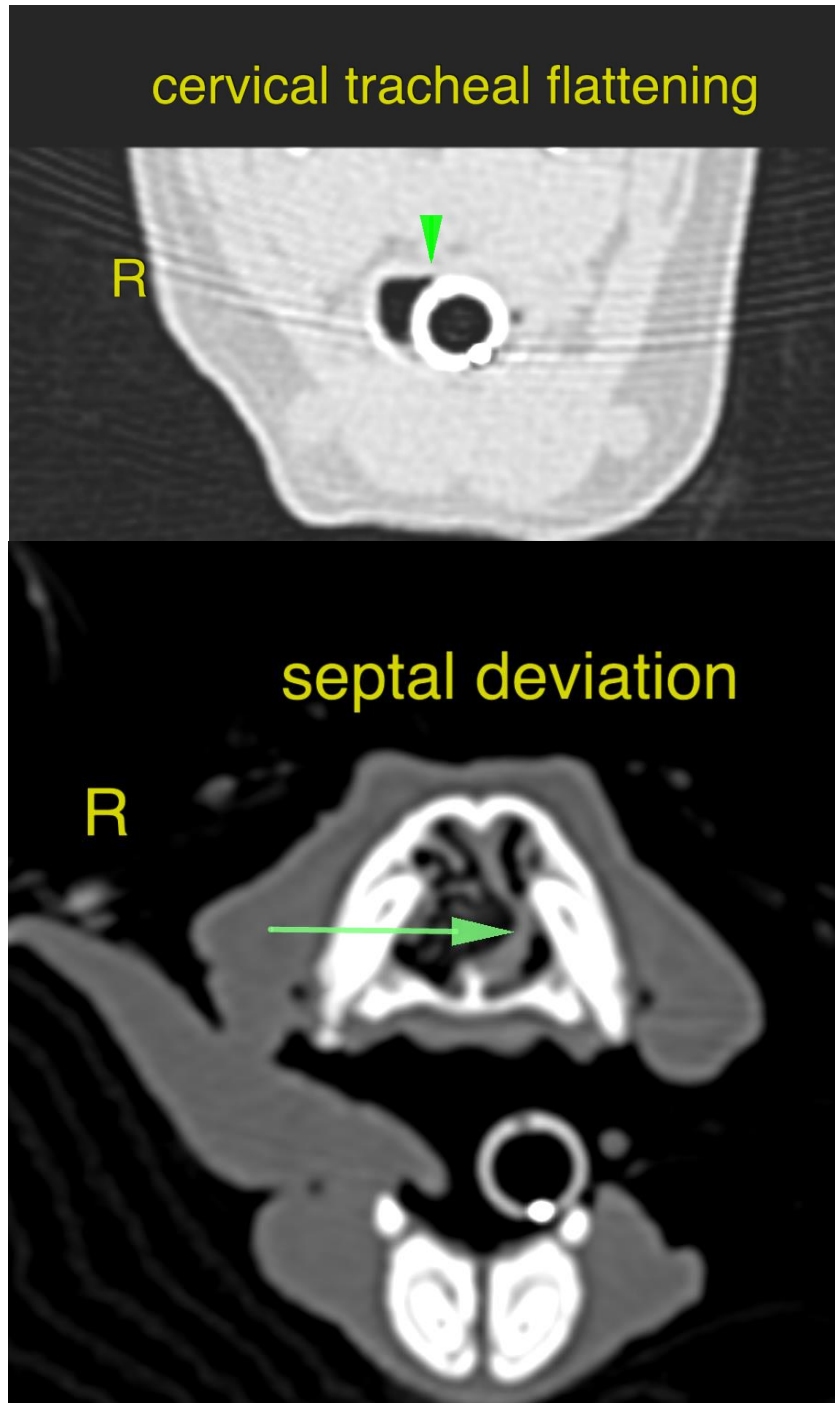
Dr. Ashley Gold

INVOICE

58137

DATE

5-4-23





PATIENT

Daisy Rich

SPECIES

Canine

BREED

Yorkshire Terrier

SEX

FS

AGE

1 Year, 9 Months

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME

Animal Health
Partners

REFERRING VET

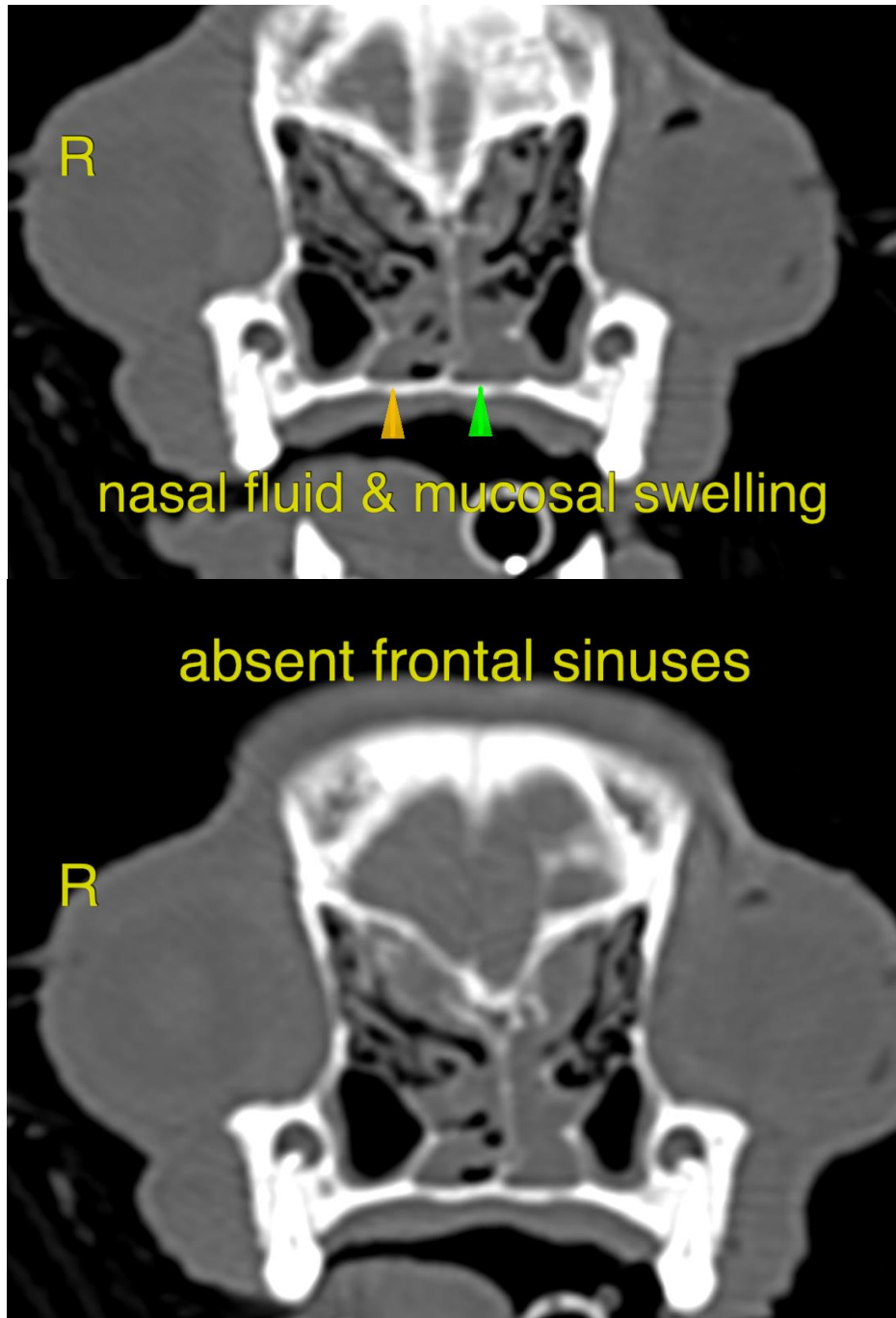
Dr. Ashley Gold

INVOICE

58137

DATE

5-4-23





PATIENT

Daisy Rich

SPECIES

Canine

BREED

Yorkshire Terrier

SEX

FS

AGE

1 Year, 9 Months

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME

Animal Health
Partners

REFERRING VET

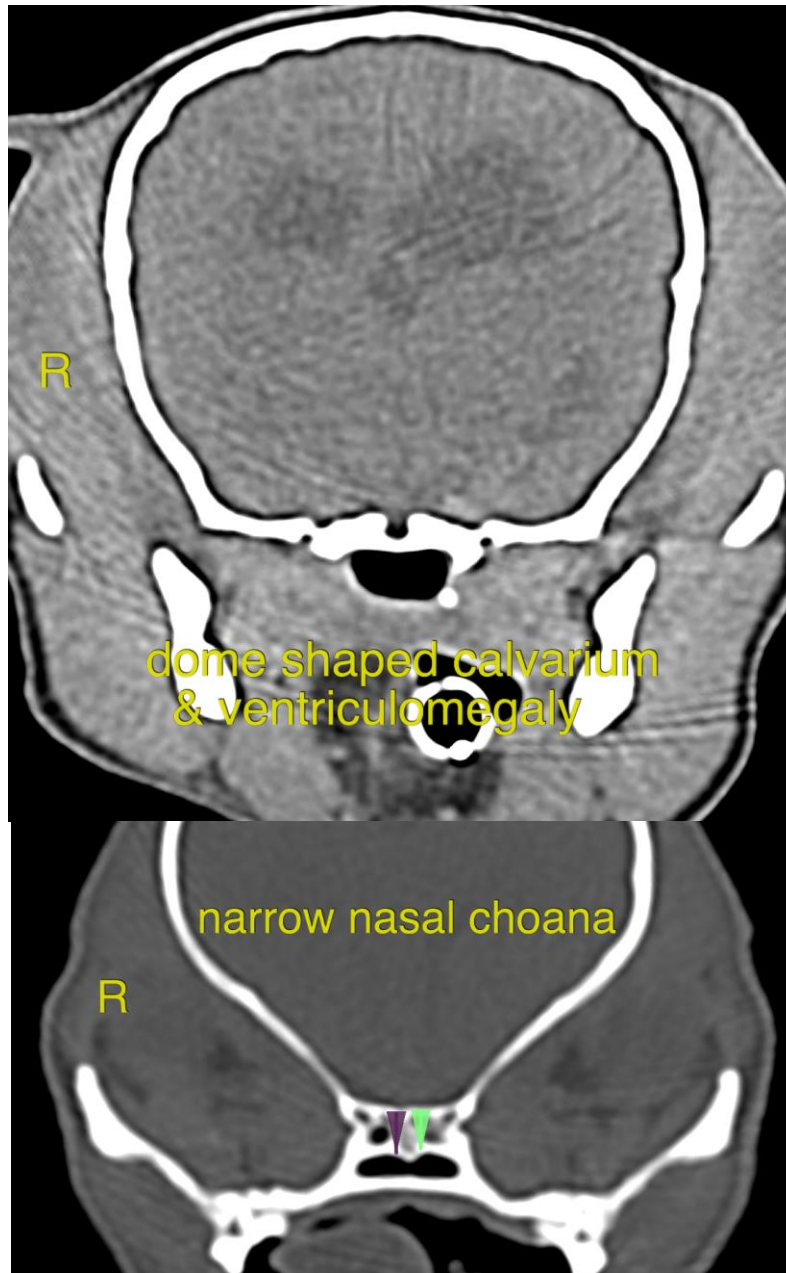
Dr. Ashley Gold

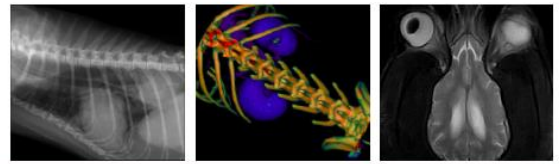
INVOICE

58137

DATE

5-4-23





PATIENT

Daisy Rich

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.

SPECIES

Canine

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

BREED

Yorkshire Terrier

SEX

FS

AGE

1 Year, 9 Months

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME

Animal Health
Partners

REFERRING VET

Dr. Ashley Gold

INVOICE

58137

DATE

5-4-23