



**PATIENT PRESENTING CLINICAL SIGNS**

Manny Kotzker Reoccurring GI issues, diagnosed with meningoencephalitis in the past.

**COMPUTED TOMOGRAPHY OF THE SKULL, THORAX AND ABDOMEN**

**SPECIES** 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.

Canine

**COMPUTED TOMOGRAPHIC FINDINGS**

**BREED** Skull

French Bulldog Multiple teeth are absent.

The nasal openings are narrowed. The nasal cavity presents the expected aerated spaces between thin & even conchae and turbinates with smooth mucosal lining. The soft palate is elongated and mildly thickened.

**SEX**

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

**AGE**

8 Years, 1 Month 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.  
The brain presents no deviation from normal anatomy and symmetry. The brain parenchyma is homogeneous and within normal limits for attenuation and distribution of contrast enhancement. The ventricular system is non-dilated and symmetric.

**INTERPRETED BY**

Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI

The submandibular and medial retropharyngeal lymph nodes are small and elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation and contrast enhancement pattern is uniform.

Thorax

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T3, T10 and T11 present as hemivertebra and the respective vertebral endplates present mild spondylosis formation.

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.

**REFERRING VET**

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

**INVOICE**

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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.

**DATE**

8-24-23

Abdomen

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



**PATIENT** 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.

Manny Kotzker

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

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

Canine

At the cranial aspect of the body of the spleen, a well-defined, roundish soft tissue nodule is visible, presenting the same attenuation and contrast enhancement pattern like the spleen.

**BREED**

The portal vein presents a normal order of its tributary veins and intrahepatic branching. No abnormal vessel is noted inside and outside of the liver parenchyma.

French Bulldog

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

**SEX**

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

Male Neutered

All intervertebral discs along the lumbar spine are mildly bulging into the vertebral canal, distorting the ventral epidural space at the same level.

**AGE**

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

8 Years, 1 Month

- Narrowed nares
- Elongated soft palate
- Multifocal mild intervertebral disc protrusion along the thoracic spine without compressive myelopathy
- Splenunculus
- Hemivertebral thoracic spine
- Multiple absent teeth
- Spondylosis deformans

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**HOSPITAL NAME**

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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**REFERRING VET**

Lorente

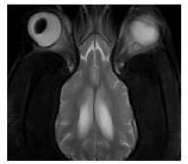
The CT study reveals no macromorphological abnormalities of the gastrointestinal tract, that can explain the history of gastrointestinal clinical signs. Rule out brachycephalic obstructive airway syndrome as underlying source – e.g. secondary esophagitis and gastritis.

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**PATIENT**

Manny Kotzker

**SPECIES**

Canine

**BREED**

French Bulldog

**SEX**

Male Neutered

**AGE**

8 Years, 1 Month

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**REFERRING VET**

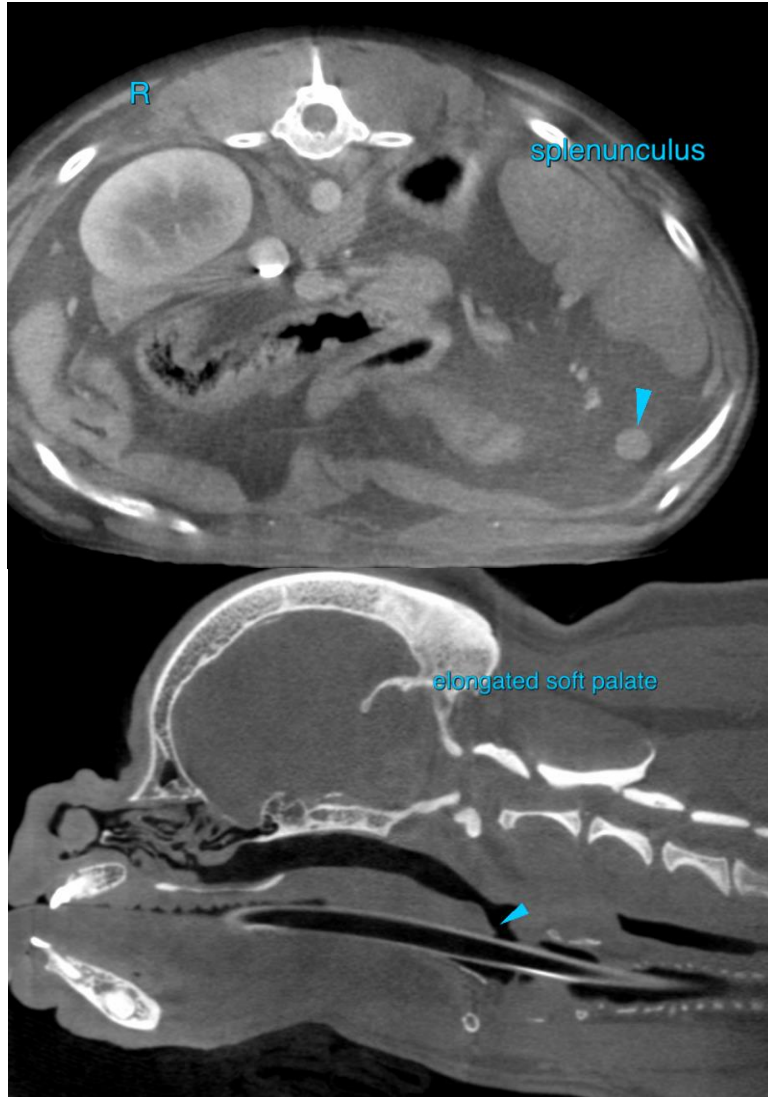
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**PATIENT**

Manny Kotzker

**SPECIES**

Canine

**BREED**

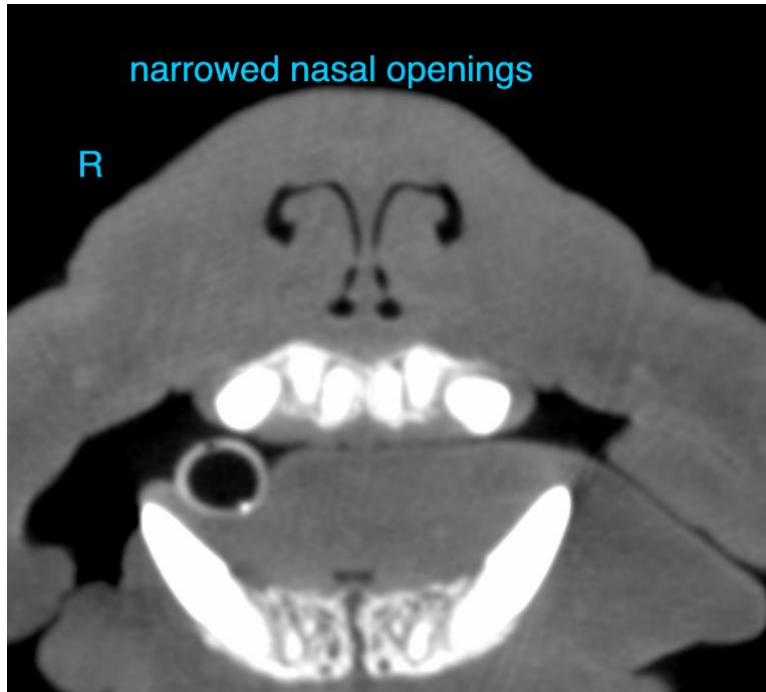
French Bulldog

**SEX**

Male Neutered

**AGE**

8 Years, 1 Month



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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.

**HOSPITAL NAME**

Mobile Pet Imaging

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.

**REFERRING VET**

Lorente

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