



PATIENT PRESENTING CLINICAL SIGNS

Memphis Najera

Memphis is a 9 Y MC Border Terrier who presented for cluster seizures. O notes started about 10:30/11 AM today. Pet has never had seizures before in the past. No V+ or D+. Pet not able to fully come out of seizure yet. O noted pet knuckling on R limb now. O gives Famotidine 10 mg every 3-4 days PRN. No past medical issues. BAR panting heavily 8% dehydrated Hypersalivation EENT: eyes clear/bright, MM pink/tacky LN: no peripheral lymphadenopathy CV: no murmurs or arrhythmias ausculted Resp: no crackles or wheezes ausculted Abd: tense, no obvious organomegaly or masses palpated Msk: Ambulatory x4 Neuro: Knuckling RF, deep and superficial pain +, no menace response OD, no nystagmus present Derm: full, clean haircoat

SPECIES

K9

BREED

Terrier Mix

SEX

MN

AGE

9 Years

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

Abnormal PE/Chem/CBC/UA Results: CBC: NSF COMP: hypoglycemia, hypophosphatemia EPOC: hyperlactatemia, hypoglycemia, mild hypokalemia Radiographs: The study includes 3 projections to include the thorax and abdomen dated August 16, 2021 Thorax: The cardiac silhouette is normal for size and shape. The pulmonary vessels and parenchyma are also within normal limits. There are no abnormalities of the pleural space. Abdomen: The stomach contains a mild-to-moderate amount of heterogenous soft tissue opaque material and gas. The small intestines are within normal limits for size and are distributed normally throughout the peritoneal space. A moderate amount of fecal material is seen throughout the colon. The liver has slightly rounded margins. The visible margins of the spleen are within normal limits. Where seen, the kidneys and urinary bladder are within normal limits. There is normal serosal margin detail within the peritoneal and retroperitoneal spaces. Musculoskeletal: The musculoskeletal structures included within collimation are within normal limits. Findings Conclusion 1. Borderline hepatomegaly. This is nonspecific and could represent normal variation. 2. Gastric food or less likely foreign material. 3. Otherwise unremarkable thoracic and abdominal studies. Depending on the results of the blood work, advanced imaging of the brain may be needed for further evaluation. Recommendations To contact me : Thank you for this imaging referral. Reports are created using dictation software and sometimes errors occur. If any part of the report appears incorrect or if I can be of further assistance, please do not hesitate to contact me at vanderhart31@yahoo.com. Contact information is for veterinary use only. Read By: Daniel VanderHart, DVM, Diplomate ACVR

HOSPITAL NAME

Animal Emergency
Hospital Volusia

COMPUTED TOMOGRAPHY OF THE SKULL, THORAX AND ABDOMEN

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

REFERRING VET

Alyssa Carver

COMPUTED TOMOGRAPHIC FINDINGS

Skull

The tooth elements 106 and 306 are absent. Triadan 109, 209, 310, 311, 410 and 411 present a moderate widening of the periodontal space.

INVOICE

46995

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

DATE

8-17-21

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.

**PATIENT**

Memphis Najera

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.

SPECIES

K9

The submandibular and medial retropharyngeal lymph nodes are prominent, uniform soft tissue attenuating and contrast enhancing; the short-to-long-axis ratio is increased and equals 0.5.

Thorax**BREED**

Terrier Mix

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 is uniform and considered within normal limits.

SEX

MN

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.

AGE

9 Years

The caudodorsal dependent aspects of the lung presents regions with dystelectasis, L>R. The remainder of the lung parenchyma present the expected architecture and attenuation behavior.

INTERPRETED BYSebastian Schaub, DVM
Dr. med. vet. DipECVDI

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

Abdomen**HOSPITAL NAME**Animal Emergency
Hospital Volusia

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. A very mild amount of mineralized material is associated with the renal pelvis bilaterally. After contrast administration a bilaterally symmetric and uniform nephro- and pyelogram is noted.

REFERRING VET

Alyssa Carver

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

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

INVOICE

46995

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.

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

DATE

8-17-21

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



PATIENT

The bony and surrounding soft tissue structures reveal no abnormalities.

Memphis Najera

COMPUTED TOMOGRAPHIC DIAGNOSIS

SPECIES

K9

- Lymphadenopathy mandibular and medial retropharyngeal lymph nodes bilaterally
- Periodontal disease 109, 209, 310, 311, 410 and 411
- Multiple absent teeth
- Structural normal brain
- Structural normal thorax
- Structural normal abdomen

BREED

Terrier Mix

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

In the present study of the brain there is no evidence of macromorphological disease. If not yet done so the workup should be complemented by examination of CSF and complete bloodwork to screen for brain disease that is not necessarily associated with structural changes of the brain parenchyma and other systemic illness. In case of the strong clinical suspicion of structural intraparenchymal changes an MRI may be considered.

SEX

MN

AGE

9 Years

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

HOSPITAL NAME

Animal Emergency
Hospital Volusia

REFERRING VET

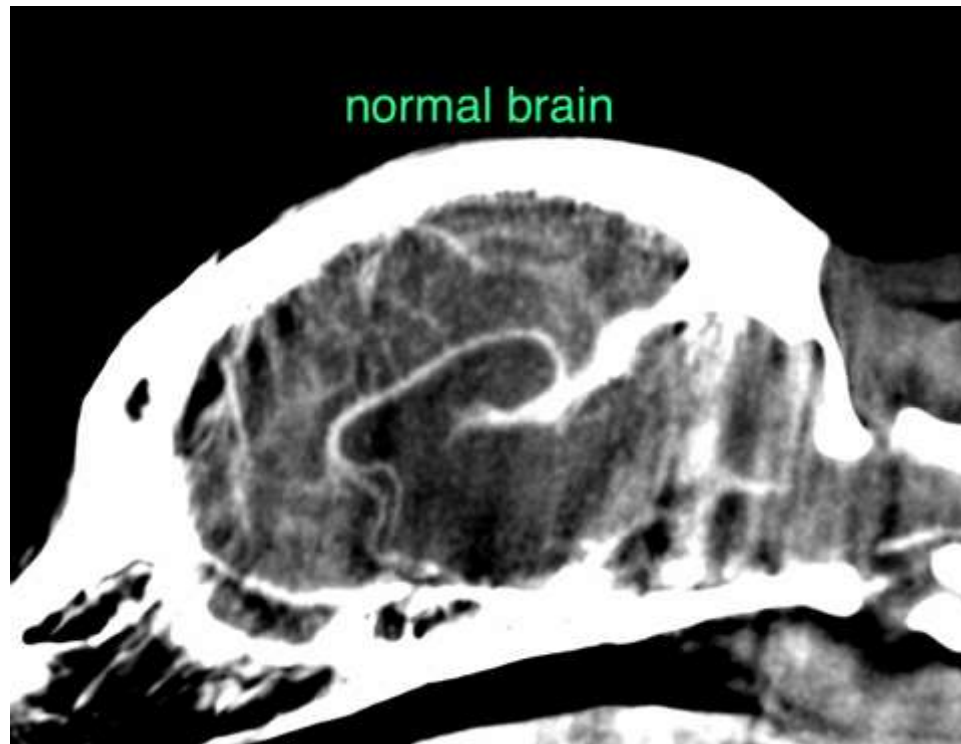
Alyssa Carver

INVOICE

46995

DATE

8-17-21





PATIENT

Memphis Najera

SPECIES

K9

BREED

Terrier Mix

SEX

MN

AGE

9 Years

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

HOSPITAL NAME

Animal Emergency
Hospital Volusia

REFERRING VET

Alyssa Carver

INVOICE

46995

DATE

8-17-21

The information and recommendations provided are based on the images presented by the referring veterinarian. 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
sebast.schaub@gmail.com