



PATIENT PRESENTING CLINICAL SIGNS

Bear Schuster Intermittent coughing x 6 weeks; rads showed mild bronchial pattern due to chronic bronchitis vs antigenic stimulation; O concerned about throat and coughing. Previous splenectomy (benign histopath).

SPECIES Abnormal PE/Chem/CBC/UA Results: Harsh cough, chest clear.

Canine **COMPUTED TOMOGRAPHIC STUDY OF THE HEAD, THORAX, & ABDOMEN**

Plain and post contrast studies of the head and abdomen and post contrast study of the thorax available for review.

BREED

Australian Shepherd **COMPUTED TOMOGRAPHIC FINDINGS**

Head

SEX

Neutered Male

The brain presents no deviation from normal anatomy and symmetry. The grey and white matter distinction and the neuroparenchymal attenuation are as expected. The distribution of contrast enhancement is within normal limits throughout the parenchyma and meninges. The ventricular system is non-dilated and within the limits of the expected volume and symmetry.

AGE

9 Years

Moderate mucosal swelling and fluid accumulation are noted in both nasal cavities. There is no evidence of turbinate destruction, significant dental disease, foreign material, or a soft tissue mass. The cribriform plate and nasal septum are intact.

INTERPRETED BY

Nele Eley (Ondreka),
DVM Dr. med. vet.,
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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 auditory meatuses present within normal limits.

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.

HOSPITAL NAME

Mobile Pet Imaging

The salivary glands present within normal limits.

The visible dentition is within normal limits.

REFERRING VET

Meaux

Thorax

There is a subcutaneous lipoma in the right caudoventral thoracic wall.

Minimal enlargement of the left tracheobronchial lymph node is seen.

INVOICE

53695

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

A mild generalized bronchial lung pattern is noted with no significant bronchiectasis.

DATE

8-24-22

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

**PATIENT****Abdomen**

Bear Schuster

The patient has a history of splenectomy.

SPECIES

Canine

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 a bilaterally symmetric and uniform nephro- and pyelogram is noted.

BREED

Australian Shepherd

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

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

SEX

Neutered Male

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

AGE

9 Years

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

The bony and surrounding soft tissue structures reveal no abnormalities.

COMPUTED TOMOGRAPHIC DIAGNOSIS**INTERPRETED BY**Nele Eley (Ondreka),
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- Moderate bilateral nondestructive rhinitis.
- Mild generalized bronchial lung pattern.
- History of splenectomy with no evidence of complication.

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

Mobile Pet Imaging

The CT study reveals moderate bilateral rhinitis with no evidence of erosive or destructive changes. Differential diagnosis includes infectious rhinitis such as viral, bacterial, or mixed versus allergic rhinitis.

The bronchial lung pattern suggests presence of bronchopneumopathy which may be allergic or infectious such as viral, bacterial, and less likely parasitic as well.

REFERRING VET

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Further definition by means of endoscopy with upper and lower airway sampling is recommended if not performed already.

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PATIENT

Bear Schuster

SPECIES

Canine

BREED

Australian Shepherd

SEX

Neutered Male

AGE

9 Years

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.

INTERPRETED BY

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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.

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