



PATIENT PRESENTING CLINICAL SIGNS

Pepper Dorsey Pepper was referred for having a thoracic mass artifact. Pepper had ingested 2 hearing aid batteries on 11/24/22 and went an ER practice. They performed radiographs at that time. Batteries were not seen, but incidental finding of thoracic mass. Patient is e/d/u/d all normally. No issues at home, very BAR. CBC , Chem, and Lytes mostly wnl. CT to evaluate for surgical planning.

Canine Abnormal PE/Chem/CBC/UA Results: 12/01/22 CBC - Plateletcrit 0.54 % Chem 127 U/L

COMPUTED TOMOGRAPHY OF THE THORAX AND ABDOMEN

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

Brittany Spaniel

COMPUTED TOMOGRAPHIC FINDINGS

Thorax

SEX In the subcutaneous tissue of the right axillary region, a roundish lipoma, measuring 1.9 cm in diameter is appreciated.

Spayed Female

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.

AGE

14 Years

A small amount of free gas is appreciated in the cranial mediastinum.

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

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.

HOSPITAL NAME

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Likely located in the medial aspect of the right caudal lung lobe, a well-defined, ovoidal shaped, soft tissue attenuating and mild heterogeneous contrast enhancing mass is appreciated, measuring 4.0 x 2.8 x 4.6 cm in size. The right dorsal aspect of the accessory lung lobe is depressed by the mass effect. The remainder of the lung parenchyma present the expected architecture and attenuation behavior.

REFERRING VET

Valery Scharf DVM

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

Abdomen

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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.

DATE

12-1-22

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

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

The cranial extremity of the spleen presents two small roundish hypoattenuating zones.



PATIENT

Pepper Dorsey

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

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

SPECIES

Canine

The lumbosacral intervertebral disc is protruding into the vertebral canal, occupying approximately 80% of the cross-sectional area of the vertebral canal at the same level. The vertebral endplates of the lumbosacral junction present spondylosis formation. The right femoral head is absent. The periarticular bones of the left coxofemoral joint present advanced osteophyte new bone formation. A vacuum phenomenon is seen in the joint space of the left coxofemoral joint.

BREED

Brittany Spaniel

COMPUTED TOMOGRAPHIC DIAGNOSIS

SEX

Spayed Female

- Solitary pulmonary mass, most likely originating from the right caudal lung lobe
- Mild pneumomediastinum
- Degenerative lumbosacral stenosis with compression of the cauda equina fibers
- Subcutaneous lipoma right axillary region
- Suspect myelolipomas cranial extremity of the spleen
- Advanced degenerative osteoarthritis left coxofemoral joint
- History of right sided femoral head osteotomy
- No evidence of pulmonary metastatic disease

AGE

14 Years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

The pulmonary mass of the right caudal lung lobe is consistent with primary pulmonary neoplasia, such as bronchogenic carcinoma, broncho-alveolar carcinoma. Theoretically pulmonary granuloma is a potential, but the odds are low. Complete surgical resection of the mass by lobectomy of the affected lung lobe is feasible – there is a little chance that the mass is protruding from the dorsolateral aspect of the accessory lung lobe.

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The mild pneumomediastinum can be a sequela to preceding cough or vomiting and is considered as an incidental finding.

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SEX

Spayed Female

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REFERRING VET

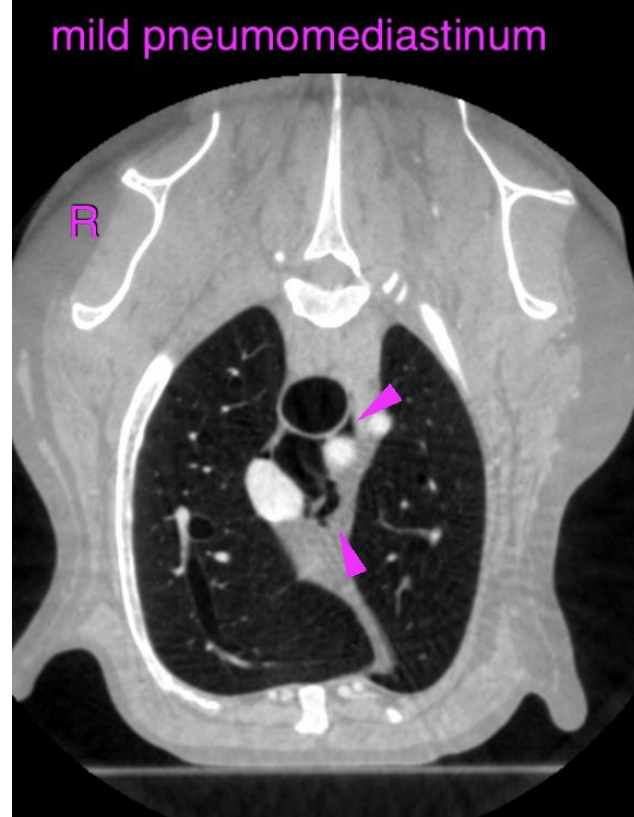
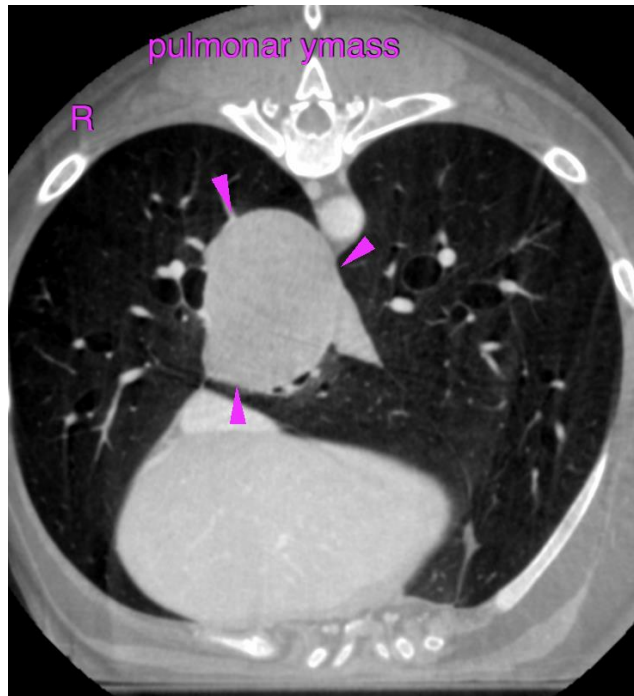
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Pepper Dorsey

SPECIES

Canine

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.

BREED

Brittany Spaniel

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
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SEX

Spayed Female

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