



PATIENT PRESENTING CLINICAL SIGNS

Dakota Wing Intact female, last heat was 6 months ago, no vaginal discharge at this time. Hacking cough started two days ago. No heart murmur detected. Vomited 2-3 times 3 days ago. No diarrhea, eating well. Normal activity level. Large SQ mass at the caudal right flank area, another small SQ mass beside the left ear, present since long time ago. Possible got into garbage one week ago. (resubmitting for the third time as per request due to one lateral view missing)

SPECIES Canine Abnormal PE/Chem/CBC/UA Results: Blood work in house indicate: normal CBC. Chemistry: stress glucose, mild increase in ALP 338, otherwise unremarkable / normal. T4 slightly low 14.47 (15-55).

BREED RADIOGRAPH OF THORAX AND ABDOMEN

Retriever Labrador Thorax: L and RLR, 2x VD
Abdomen: L and RLR, VD

SEX RADIOGRAPHIC FINDINGS

Female The body condition score is 7-8/9 with a large amount of dorsally located subcutaneous fat.

AGE A mild to moderate amount of spondylosis is present in thoracic vertebrae, at the thoraco-lumbar and lumbo-sacral junctions.

11 Years Thorax

INTERPRETED BY The degree of pulmonary expansion is fair at best. The lungs are in contact with the thoracic boundaries and the tips are pointed. A mild increase in interstitial opacity reduces the clear outline of the lobar vessels and highlights peripheral bronchi.

Heike Rudolf, DVM,
Dr. med. Vet.,
DipECVDI DVR

The amount of fat in the cranial mediastinum is increased. On the right lateral recumbent view the tracheal air shadow is reduced from dorsally in the region of the thoracic inlet (0.9 vs >1.6cm).

HOSPITAL NAME The cardiac silhouette is mildly raised from the sternum by fat. It occupies 75% of the chest height and 3 intercostal spaces. No chamber or outflow tract enlargement is evident.

St. Catherine's Animal Hospital

Abdomen

REFERRING VET The abdominal detail is good; the ventral abdominal is pendulous.

Dr. Bekhit The liver is located within the costal arch and the caudo-ventral lobe is pointed.

INVOICE In right lateral recumbency the splenic shadow runs parallel to the ventral liver lobe and appears physiological.

50348 The stomach contains a small amount of air; distribution and size of the small intestinal loops appear physiological. Colon and rectum contain a moderate amount of unformed fecal matter.

DATE Both renal shadows are displaced ventrally by fat; they have a physiological size, shape and opacity. The bladder is located in the abdominal cavity and contains a moderate amount of homogeneous fluid opacity.

2-17-22



PATIENT The maximal height of the uterine body is 1.7cm and it tapers towards cranially.

Dakota Wing The sublumbar region appears physiological.

RADIOGRAPHIC DIAGNOSIS

SPECIES

Canine

- Tracheal narrowing in thoracic inlet
- Visible uterine body
- Obesity (incidental finding)

BREED

Retriever Labrador

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Narrowing of the tracheal air shadow in the small breeds is due to tracheal collapse and can occur in large breed dogs as well. Usually this does not cause a problem but if other disease processes (e.g. laryngeal paralysis, pulmonary fibrosis, abdominal mass including fat) are present it may become apparent. Should respiratory signs develop, trachea-bronchoscopy with broncho-alveolar lavage is recommended. Comparing an end-inspiratory to an end-expiratory view will help identify reduced lung expansion due to fibrosis. The larynx should be inspected for paralysis, the tonsil for enlargement and the degree of tracheal collapse established.

SEX

Female

AGE

11 Years

Visibility of the uterine body is compatible with the obesity, but should clinical signs related to the uterus develop, an ultrasound examination is recommended to rule out endometritis.

Obesity is known to worsen clinical signs of cough and impair lung function; weight control is strongly recommended.

INTERPRETED BY

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PATIENT

Dakota Wing

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

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BREED

Retriever Labrador

SEX

Female

AGE

11 Years

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