



PATIENT

Dutchess Hudspith

PRESENTING CLINICAL SIGNS

dog came in because of large irregular mass in one caudal mammary glands . we have seen large round pulmonary mass in right caudal lung loop on radiograph.
Abnormal PE/Chem/CBC/UA Results: unremarkable

SPECIES

Canine

RADIOGRAPH OF THORAX AND ABDOMEN

Thorax: 2 orthogonal views
Abdomen: 2x lateral, 1x VD

BREED

German Shepherd

RADIOGRAPHIC FINDINGS

The body condition score is 4/9; one abdominal nipple is displaced ventrally by an enlarged, right sided, soft tissue opaque mammary gland.

SEX

Female

Eight lumbar vertebrae are present; the right sided transverse process of L8 is shorter and appears to be partially fused with the ilium. Spondylosis is present T5-7, T9/10 as well as L1-4, and is accompanied in the thoracic spine by a decrease in disc space size. Smooth, bridging new bone affects some intersternbral spaces.

AGE

13 Years

Thorax

A round soft tissue opacity of approx. 6cm is located in the right caudo-dorsal lung lobe. The other lungs appear physiological.

INTERPRETED BY

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

A small amount of air is located in the mid-thoracic esophagus.

The cardiac silhouette occupies 75% of the chest height and 2.5 intercostal spaces; it appears slightly triangular on the lateral view. The pulmonary artery segment appears prominent on the VD view, but all vessels have a physiological size and path.

HOSPITAL NAME

St. Catherine's Animal
Hospital

Abdomen

The abdominal detail is in line with the low BCS; diaphragm and abdominal wall are intact.

REFERRING VET

Dr. Boctor

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

The spleen appears physiological.

INVOICE

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The stomach is moderately filled with air. Distribution and size of the small intestinal loops appear physiological. Colon and rectum contain a moderate amount of formed fecal matter.

The urinary tract appears physiological.

The sublumbar region appears physiological.

DATE

2-10-22



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RADIOGRAPHIC DIAGNOSIS

- Mass right caudal lung lobe
- Mammary gland mass
- Emaciation

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Incidental findings:

- Supernumerous and transitional lumbar vertebra
- Spondylosis
- Disc space narrowing T-spine
- New bone sternebrae

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

It is very likely that both masses are connected, and the lung mass represents metastatic spread from the primary mammary tumor. However, a coexistence of primary lung tumor and mammary tumor are also possible. Further examination would include FNA of the lung mass which should be possible under ultrasound guidance due to its proximity to the chest wall. Lobar removal can be attempted once small pulmonary metastases and perihilar lymphadenopathy have been ruled out with CT.

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REFERRING VET

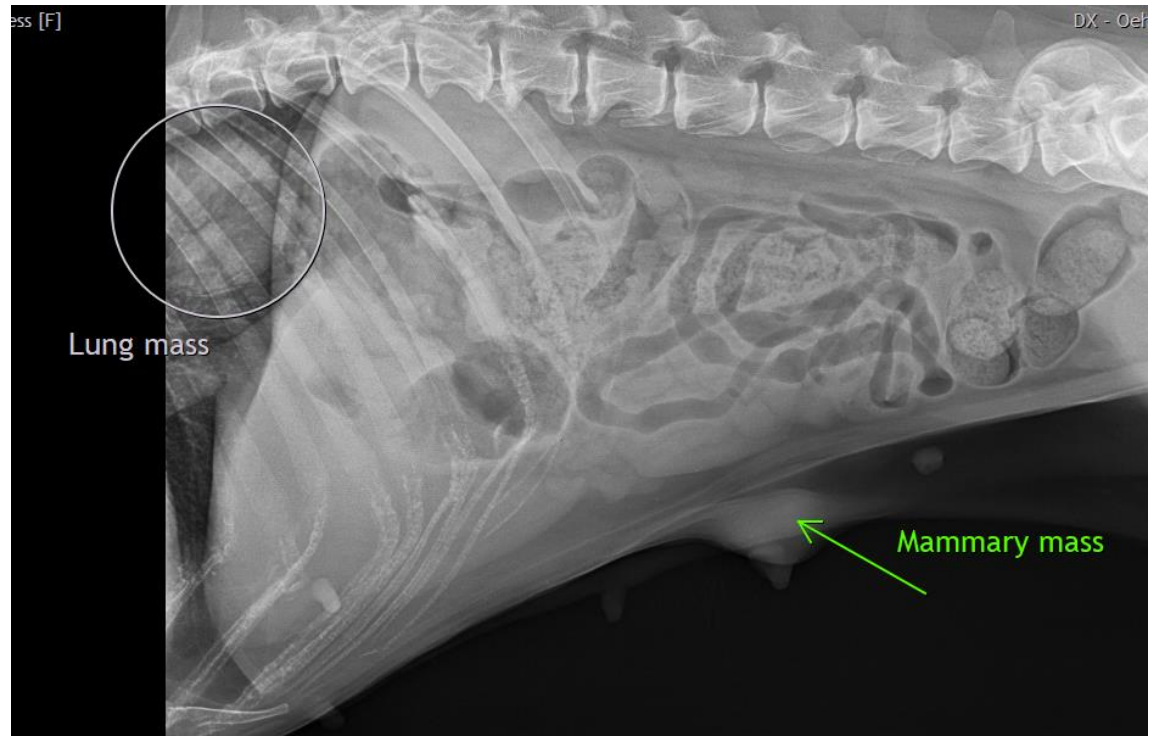
Dr. Boctor

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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.

SPECIES

Canine

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.

BREED

German Shepherd

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SEX

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