



PATIENT PRESENTING CLINICAL SIGNS

Lola Ramirez Large mass over Right pelvis.

COMPUTED TOMOGRAPHIC STUDY OF THE PELVIS & THORAX

SPECIES Plain and post contrast studies of the pelvis and post contrast study of the thorax available for review.

Canine

COMPUTED TOMOGRAPHIC FINDINGS

BREED Pelvis

Min Pinscher A large right sided pelvic soft tissue mass with lobulated appearance and extra- as well as intra-pelvic extension is seen. The mass measures approximately 7.5 x 7 x 7 cm and occupies up to 80% of the pelvic canal's cross sectional area from a right dorsolateral aspect with ventral deviation and compression of the descending colon and rectum as well as of the pelvic urethra. Multifocal intralesional cavitation with multiple contrast sparing areas and heterogeneous contrast enhancement is seen as well as extensive peripheral fat stranding. There are polyostotic aggressive osteolytic changes involving the caudal vertebrae, sacrum, right sacroiliac joint, 6th, and 7th lumbar vertebrae, as well as the right hemipelvis with spiculated periosteal new bone formation, permeative lytic changes with long and indistinct transition zones. Random mineralizations within the mass accentuating the lesion center are noted as well.

SEX

Spayed Female

AGE

13 Years

The medial iliac and hypogastric lymph nodes cannot be seen separate from the mass.

INTERPRETED BY

Nele Eley (Ondreka),
DVM Dr. med. vet.,
DipECVDI

A large amount of inspissated fecal matter is seen within the colon.

The urinary bladder is severely distended.

Thorax

Moderate caudal cervical and cranial lumbar spondyloses are seen.

HOSPITAL NAME

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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 are uniform and considered within normal limits.

REFERRING VET

Meaux

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.

The lung parenchyma presents the expected architecture and attenuation behavior.

INVOICE

55760

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

DATE

12-21-22



PATIENT COMPUTED TOMOGRAPHIC DIAGNOSIS

Lola Ramirez

- Large multilobulated soft tissue mass with aggressive biological behavior and polyostotic bone lysis in the pelvic area with extra- and intra-pelvic extension, compression of the descending colon and rectum as well as of the urethra with coprostasis.

SPECIES

Canine

- Suspect retention of urine.
- Spondyloses – unrelated to the mass.
- No evidence of pulmonary metastatic disease.

INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

BREED

Min Pinscher

The CT findings are compatible with a malignant soft tissue neoplasia with secondary polyostotic aggressive bone lysis. The mass effect causes coprostasis and may also cause retention of urine within the urinary bladder. The retention of urine however may also be due to lower motoneuron dysfunction since the mass infiltrates the last lumbar vertebrae as well as the vertebral canal with a mass effect onto the cauda equina. Differential diagnosis includes soft tissue sarcoma, mesenchymal neoplasia such as fibrosarcoma or rhabdomyosarcoma is a primary differential diagnosis. Final diagnosis will require sampling for histology. The mass however is unfortunately not resectable and the long term prognosis is poor.

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At this time, there was no evidence of pulmonary metastatic disease.

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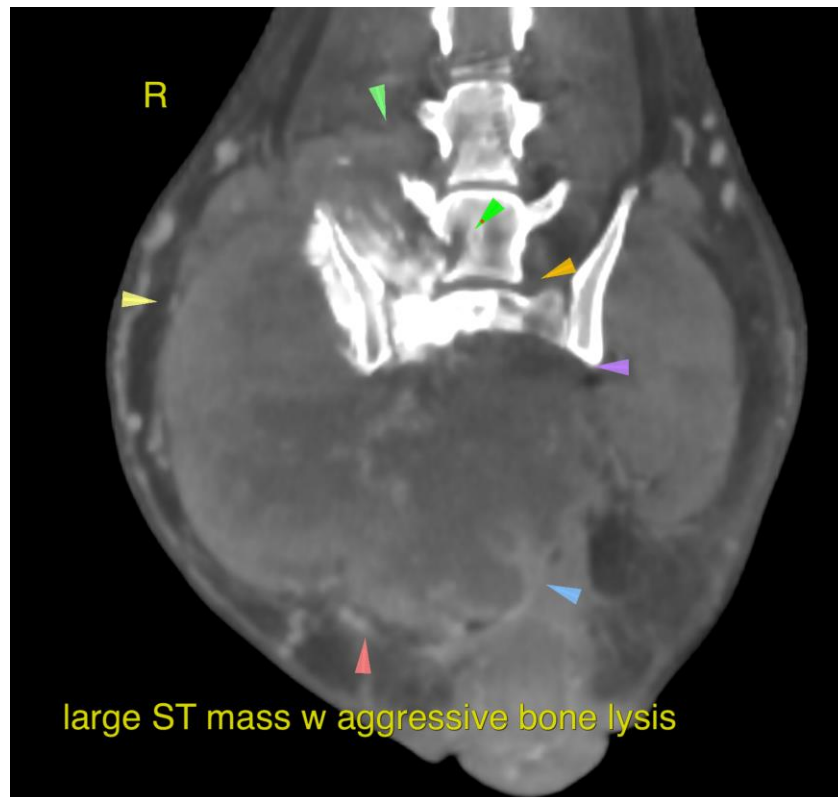
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PATIENT

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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.

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

Min Pinscher

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