

**PATIENT**

Sunny Cimino

PRESENTING CLINICAL SIGNS

mass on right femur/pelvis

SPECIES

Feline

COMPUTED TOMOGRAPHIC STUDY OF THE PELVIS

Post contrast study available for review.

BREED

DSH

SEX

MN

AGE

5 Years

COMPUTED TOMOGRAPHIC FINDINGS

A large irregular shaped and ill-defined soft tissue mass is seen in the right inguinal region, right thigh, and right lateral abdominal wall. The mass measures approximately 11.0 cm in length, 7.0 cm in width, and 11.0 cm in height. Multiple internal mineralizations/ossification is seen. There is moderate nonuniform enhancement noted throughout the mass. The lesion margins to the abdominal wall musculature, right cranial thigh musculature, and axial musculature are ill-defined. The layers of the abdominal wall are splayed in the cranial aspect of the mass. The mass appears to involve the peritoneum.

Multiple hypoattenuating nodules are seen throughout both kidneys.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Large mineralizing / ossifying soft tissue mass with aggressive biological behavior in the right caudal abdominal wall with involvement of the right thigh, peritoneum/abdominal wall musculature, and axial musculature.
- Multiple hypoattenuating nodules of both kidneys.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT findings are highly suggestive for sarcoma. Soft tissue sarcoma such as fibro- or lympho-sarcoma is a potential; however, the possibility of chondrosarcoma or extraskeletal osteosarcoma should be considered as well. Final diagnosis will require sampling; however, whilst the type of the tumor cannot be determined based on the imaging findings alone, the mass should be considered neoplastic and malignant until proven otherwise. Lesion margins are severely ill-defined. Complete resection with surgical safety margins is limited by the close proximity to the spine and abdominal involvement.

HOSPITAL NAME

Animal Surgical
Center

REFERRING VET

Duck Island Vet
Hospital

The nodular structures within the kidneys are suggestive for metastatic disease / lymphomatous infiltrate. Multiple cyst, hematomas, abscesses, or other cannot be ruled out entirely but are thought less likely. Correlate with ultrasonographic findings if available and consider sampling for further verification if indicated.

INVOICE

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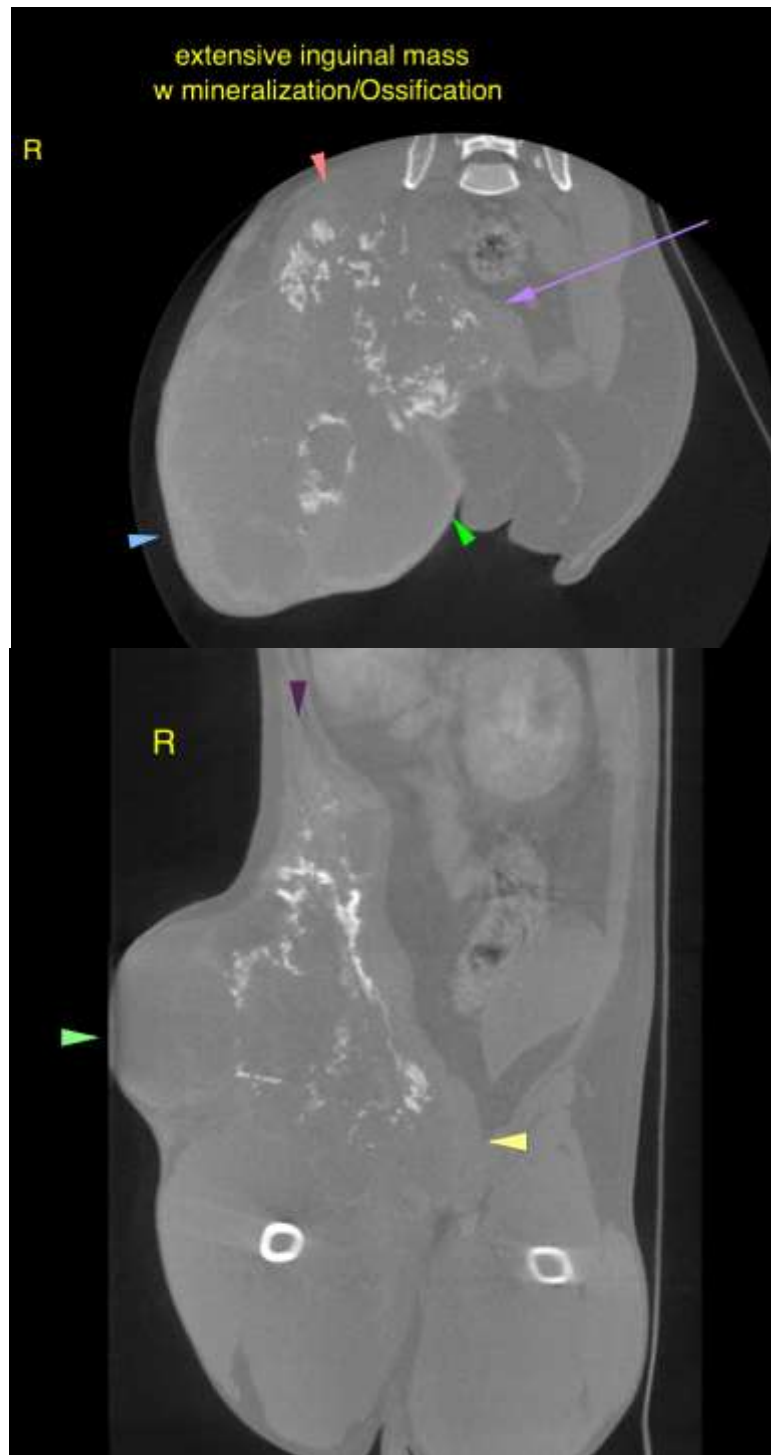
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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

Feline

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Senior lecturer University of Giessen, Germany, Veterinary Faculty, Department of Radiology
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