



PATIENT PRESENTING CLINICAL SIGNS

Penny Alonso History: aggressive mass right hip, FNA cytology: sarcoma
Abnormal PE/Chem/CBC/UA Results:

SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE THORAX AND PELVIS

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

BREED COMPUTED TOMOGRAPHIC FINDINGS

Golden Retriever **Thorax**

Level with the 12th right rib, a wart-like cutaneous lesion measuring 1.7 cm in size is visible.

SEX

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

10 Years The cardiovascular structures including the pulmonary vasculature are within normal limits.

INTERPRETED BY

Sebastian Schaub,
DVM Dr. med. vet.
DipECVDI

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 with interspersed punctuate mineralization. The volume of the left lung lobes is moderately decreased, and the lung parenchyma presents regions of dystelectasis.

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

HOSPITAL NAME

Mobile Pet Imaging **Pelvis**

REFERRING VET

Meaux The right iliac wing presents permeative osteolytic lesions with cortical destruction and brush-border like periosteal new bone formation. The zone of osteolysis is extending up to the cranial aspect of the acetabulum. At the lateral aspect of the right iliac wing an indistinct soft tissue mass is attached to the iliac wing, presenting a moderate heterogeneous contrast enhancement pattern; the mass is measuring 3.6 x 3.2 x 6.3 cm in size. The right ala of the sacral bone presents no evidence of osteolysis.

INVOICE

14067 Both coxofemoral joints present moderate to marked osteophyte new bone formation. The acetabular groove bilaterally is shallow, and the center of the femoral heads is lateral to the dorsal acetabular rim.

DATE

10/29/21



PATIENT COMPUTED TOMOGRAPHIC DIAGNOSIS

- Penny Alonso
- Monostotic aggressive osteolytic lesion right iliac wing with associated soft tissue mass laterally
 - Moderate degenerative osteoarthritis coxofemoral joints bilaterally, due to hip dysplasia
 - Pulmonary osteomas
- SPECIES**
- No evidence of pulmonary metastatic disease

Canine

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

BREED

Golden Retriever

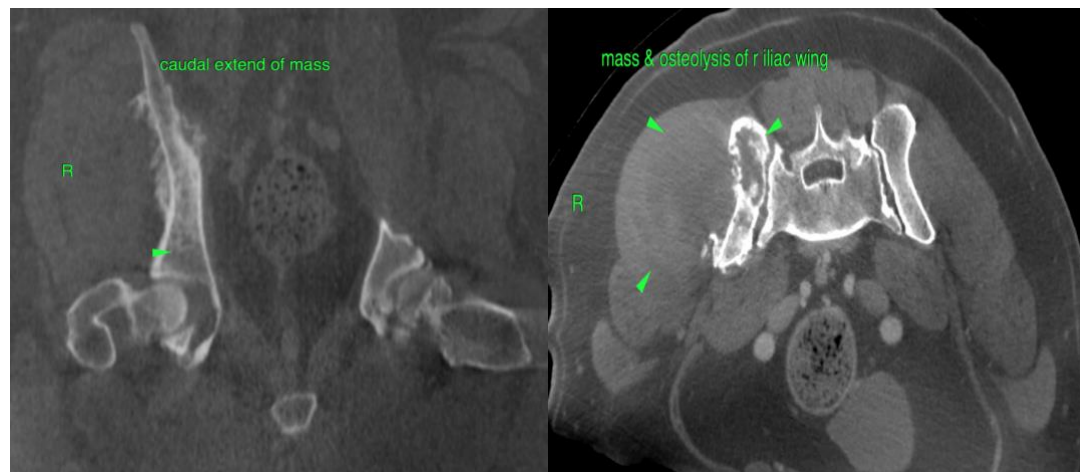
The findings are consistent with the history of sarcoma, and primary tumor of the right iliac wing is considered likely. Surgical excision of the mass can be tried and will warrant right sided hemipelvectomy. As the mass is extending up to the level of the right acetabulum, sacrificing the right hind limb is recommended.

SEX

Spayed Female

AGE

10 Years



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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.

REFERRING VET

Meaux

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PATIENT

Penny Alonso

SPECIES

Canine

BREED

Golden Retriever

SEX

Spayed Female

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10 Years

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