



**PATIENT PRESENTING CLINICAL SIGNS**

Choco Penchi  
 Historial of jumping in back yard 3 weeks ago.  
 Abnormal PE/Chem/CBC/UA Results: CBC --- unremarkable CHEM --- unremarkable

**SPECIES COMPUTED TOMOGRAPHY OF THE SPINE/PELVIS**

Canine  
 A high resolution pre- and post-contrast CT study of spine and pelvis is provided for review.

**COMPUTED TOMOGRAPHIC FINDINGS**

The osseous structures of the lumbar spine, but L7, are within normal limits.

**BREED**

Lab Retriever Mix

**SEX**

M

**AGE**

6 Years

Centered on the left iliac win, an ill-defined, soft tissue attenuating, and mild amorphous mineralized mass is visible, protruding into the pelvic canal. The mass is extending from the level of the left acetabulum cranially up to the level of L7. The mass is measuring 6.8 x 7.8 x 8.2 cm in size. The left iliac wing presents moderate immature periosteal new bone formation and zones with aggressive osteolysis. In the dorsal aspect the mass is in contact with the sacrum and the vertebral body of L7 present mild irregular periosteal new bone formation. The mass is protruding into the left neuroforamen L7/S1, presenting local pressure erosion. The rectum and prostate are displaced ventrally and to the right by the mass effect and are distorted.

The prostate presents a heterogeneous contrast enhancement pattern with multiple intraparenchymal filling defects.

**INTERPRETED BY**

Sebastian Schaub, DVM  
 Dr. med. vet. DipECVDI

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Local invasive growing soft tissue mass centered on the left iliac wing with dystrophic mineralization and invasion of the left neuroforamen L7/S1
- Secondary polyostotic aggressive mild osteoproliferative lesions left iliac wing, sacrum and L7
- Prostatomegaly with intraprostatic cysts.

**HOSPITAL NAME**

Veterinary Image Center

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

There is a local invasive growing mass, likely originating from the left iliac wing. Differentials include fibrosarcoma, hemangiosarcoma, osteosarcoma, chondrosarcoma, other. Recommend biopsy/FNA sampling for further definition. Due to the extent of the mass and involvement of the sacrum and L7, complete surgical excision is no treatment option, however the chances of palliative radiation therapy might be discussed with oncologist.

**REFERRING VET**

Dr. J. Colon, DVM

**INVOICE**

48780

Mass effect on the sciatic nerve and its nerve root L7 can cause neurological clinical signs, such as pain or monoparesis.

Consider full tumor staging.

**DATE**

12-4-21

The prostatomegaly is most consistent with benign prostatic hyperplasia and intraprostatic cysts.



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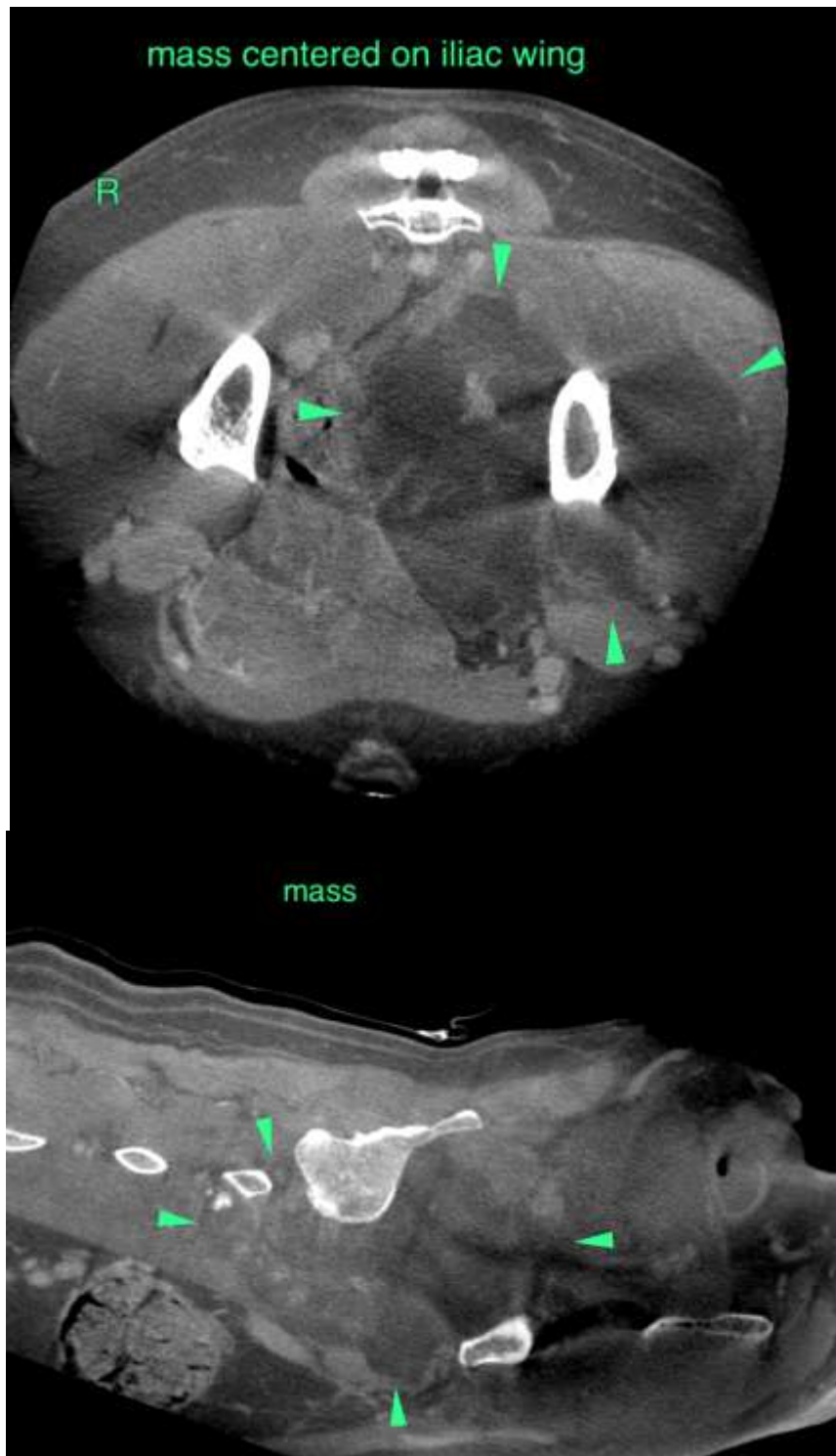
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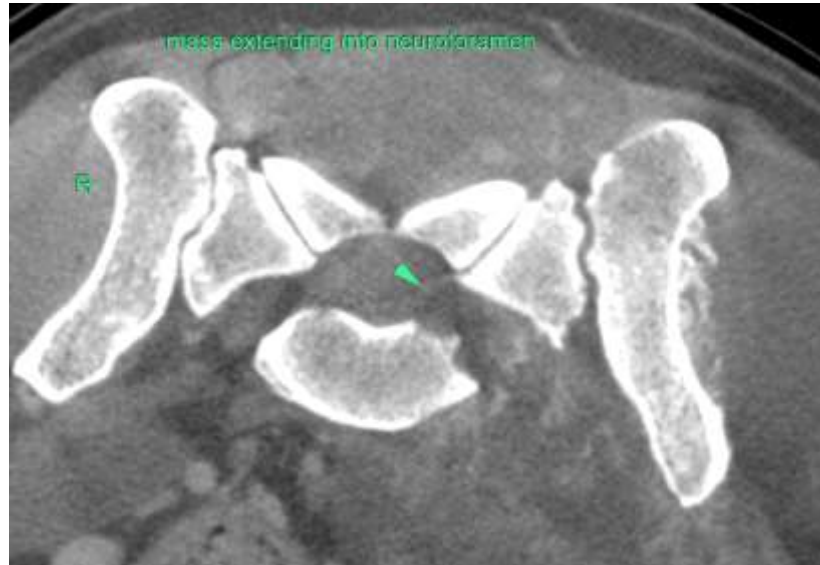
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

**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.

**Sebastian Schaub**, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI  
sebast.schaub@gmail.com

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