



PATIENT PRESENTING CLINICAL SIGNS

Duke Poltka The patient presented for right hind limb pitting edema with mass effect arising from the hamstring region Severe bruising in the groin region
Abnormal PE/Chem/CBC/UA Results: low magnesium

SPECIES COMPUTED TOMOGRAPHY OF THE PELVIS

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

COMPUTED TOMOGRAPHIC FINDINGS

BREED
Mixed The vertebral endplates of the lumbosacral junction present moderate spondylosis formation. The intervertebral discs L6/L7 and L7/S1 are bulging into the vertebral canal, occupying approximately 30% of the cross-sectional area of the vertebral canal at the same level.

SEX
Male The right medial iliac lymph node is enlarged, rounded and has a heterogeneous contrast enhancement pattern.

AGE
13 In the right inguinal region, the subcutaneous fat presents a moderate edematous swelling and moderate fat-stranding.

The proximal fourth of the right femur presents advanced permeative osteolytic lesions and secondary fracture of the proximal segment of the right femur. The diaphysis is dislocated proximally into the medullary cavity of the proximal segment with centrifugal displacement of the osseous fragments. The osteolysis is extending into the right femoral neck. An ill-defined circumferential soft tissue swelling is seen along the proximal segment of the femur, presenting a heterogeneous contrast enhancement pattern; the swelling is extending proximally up to the level of the femoral head and distally up to the level of the distal third of the metaphysis of the right femur.

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

The periarticular bones of the right stifle joint present moderate osteophyte new bone formation and a moderate intracapsular swelling is appreciated.

HOSPITAL NAME COMPUTED TOMOGRAPHIC DIAGNOSIS

Animal Surgical
Center

- Monostotic aggressive osteolytic lesion right proximal femur with associated soft tissue mass and secondary pathological proximal femoral fracture
- Lymphadenopathy right medial iliac lymph node
- Degenerative osteoarthritis right stifle joint
- Articular swelling right stifle joint
- Intervertebral disc protrusion L6/L7 and L7/S1 with possible dynamic compression of the cauda equina fibers
- Spondylosis deformans lumbosacral junction

REFERRING VET

Kamaran

INVOICE

58822

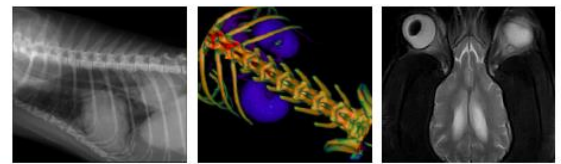
INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The changes of the right femur are consistent with primary osseous neoplasm, such as osteosarcoma, fibrosarcoma, chondrosarcoma, hemangiosarcoma. FNA sampling or biopsy of the clinically appreciated mass can be performed to confirm the diagnosis. Complete surgical excision of the mass may warrant mid hemipelvectomy.

DATE

6-15-23

Recommend complementing full tumor staging by ultrasound guided FNA sampling of the right medial iliac lymph node and 3-view thoracic radiographs.



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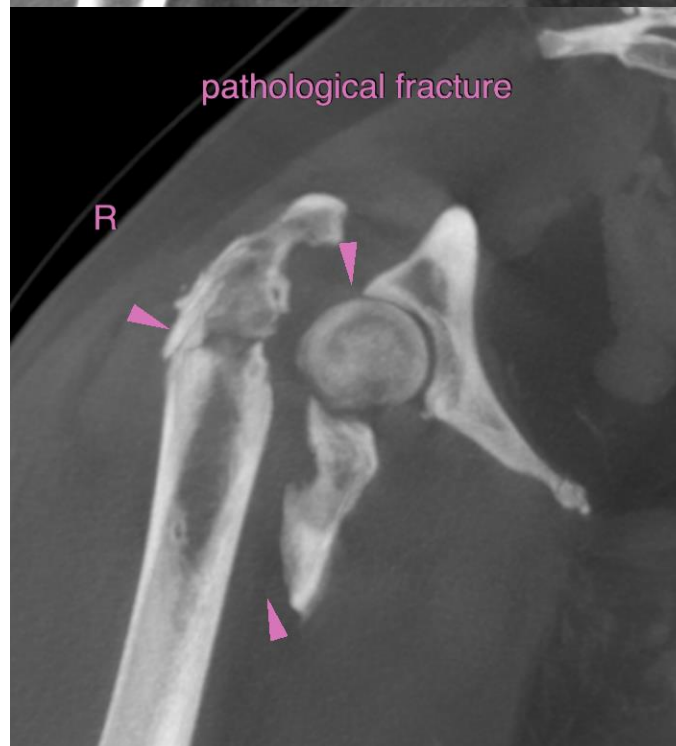
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

HOSPITAL NAME

Animal Surgical
Center

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. DipECVCI
info@sonopath.com

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