



**PATIENT**

Maya Hansen

**PRESENTING CLINICAL SIGNS**

Lameness noted at physical exam, radiographs taken under anesthesia.

**RADIOGRAPHIC STUDY OF THE THORAX AND FRONT LIMBS**

**SPECIES**

Canine

A complete set of radiographs of the thorax and front limbs is provided for review.

**RADIOGRAPHIC FINDINGS**

Thorax

**BREED**

Boxer

The surrounding bony structures are within normal limits.

The extrathoracic soft tissues present homogeneous without abnormalities.

**SEX**

Female Spayed

The heart is of normal size and shape, there is no evidence of cardiac chamber or vascular enlargement. The pulmonary vasculature is within normal limits.

The cranial mediastinum presents the expected soft tissue opacity. The mediastinal width is less than twice the width of the vertebral column at the same level.

**AGE**

6 Years

The trachea is normal in diameter and presents the anticipated course. The luminal outline of the trachea is smooth.

The bronchial tree presents with thin walls and tapers uniformly towards the periphery as expected.

**INTERPRETED BY**

Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI

The lung parenchyma presents the expected architecture and opacity; the intrapulmonary vascular branching is seen up to the third order lung vessels.

The diaphragm is well delineated with even surface and the expected mild cranial bulging of the diaphragmatic cupola.

**HOSPITAL NAME**

North Idaho Animal  
Hospital (VCA)

Right front limb

The osseous and surrounding soft tissue structures of the right shoulder joint present without abnormalities.

The right elbow joint presents smooth osseous margins, unremarkable.

**REFERRING VET**

Dr. Jolee Stegemoller

At the lateral aspect of the right carpal joint, a roundish, mild heterogeneous soft tissue opaque mass is seen, measuring approximately 4.4 cm in diameter. The distal right radius presents a zone with mild heterogeneous osseous pattern and decreased radiopacity in the lateral aspect of the distal aspect of the radial diaphysis – no abnormalities are appreciated in the mediolateral view. The osseous structures of the right carpal joint are within normal limits.

**INVOICE**

52621

The proximal interphalangeal joint of the fourth phalanx presents advanced osteophyte new bone formation.

Left front limb

**DATE**

6-28-22

The osseous and surrounding soft tissue structures of the right shoulder joint present without abnormalities.

The right elbow joint presents smooth osseous margins, unremarkable. A cutaneous wart like



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lesion is protruding from the surface of the skin at the caudoproximal aspect of the ulna.

The left carpal joint presents smooth osseous margins, unremarkable.

The osseous and surrounding soft tissue structures of the left front paw are within normal limits.

**SPECIES**

Canine

**RADIOGRAPHIC DIAGNOSIS**

- Zone with decreased radiopacity laterodistal aspect right radius
- Subcutaneous soft tissue mass lateral aspect right carpal joint without signs of osseous involvement
- Degenerative osteoarthritis proximal interphalangeal joint fourth phalanx right front paw
- Cutaneous wart-like lesion caudal aspect of the left elbow joint
- Normal shoulder joints
- Structural normal thorax, no evidence of pulmonary metastatic disease

**BREED**

Boxer

**SEX**

Female Spayed

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The zone of decreased radiopacity of the right distal radius can present Mach-phenomenon caused by superimposition with normal soft tissues and is considered most likely here – especially by superimposition with the flexor ulnaris tendon. However, early stage of aggressive bone lesion cannot be ruled out; recommend testing for pain in the respective region and repeating radiographs of the distal radius in 2-4 weeks can be used to check if the osseous lesion can be repeatedly visualized or is progressive.

**AGE**

6 Years

The degenerative joint disease of the proximal interphalangeal joint of the fourth phalanx of the right front paw can be a source for pain with accompanying lameness – check of pain can be elicited on manipulation of the respective joint.

**INTERPRETED BY**

Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI

Further workup of the soft tissue mass at the lateral aspect of the right carpal joint warrants FNA sampling.

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**REFERRING VET**

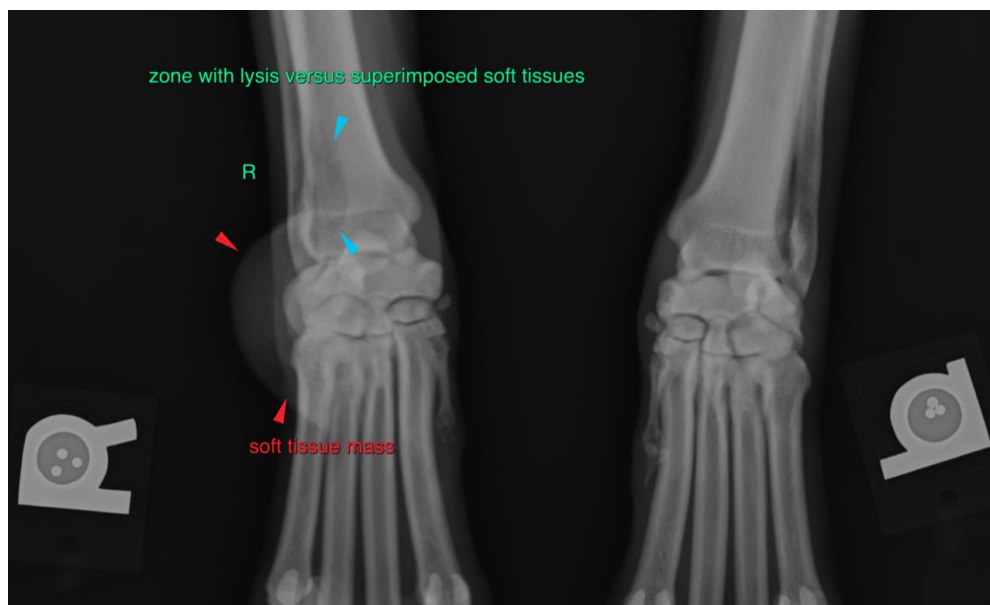
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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  
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