



PATIENT PRESENTING CLINICAL SIGNS

Widget McMillan severe generalized muscle atrophy cannot ambulate well due to multiple joint issues in all limbs but does walk awkwardly left thoracic limb: severe radiocarpal instability in all planes, decreased elbow extension with thickening of the elbow. Decreased shoulder extension with medial subluxation right thoracic limb: severe radiocarpal instability in all planes, decreased elbow extension with thickening of the elbow. Decreased shoulder extension. Moist dermatitis of foot left pelvic limb: grade IV/IV MPL with severe internal tibial torsion/rotation and contracture of stifle- unable to extend stifle beyond ~110 degrees. Severe intertarsal/tarsometatarsal instability in all planes right pelvic limb: grade IV/IV MPL with severe internal tibial torsion/rotation and contracture of stifle- unable to extend stifle beyond ~110 degrees. Severe intertarsal/tarsometatarsal instability in all planes Neuro: Normal mentation and proprioception front feet had severe swelling of manus and digits, skin is thin, slightly hyperemic, 2 nails missing, and the hind feet have moderate swelling.

SPECIES

Canine

BREED

Chihuahua

RADIOGRAPHIC STUDY OF THE FRONT & HIND LIMBS

SEX

Spayed Female

A complete set of radiographs including the front and hind limbs is provided for review. Radiographs are provided in JPEG file format.

RADIOGRAPHIC FINDINGS

AGE

8

The osseous structures present generalized significant decreased density with thinning of the cortex.

Medial luxation of the left humeral head is appreciated.

The carpal and tarsal joints present a circumferential intracapsular soft tissue swelling.

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

The tarsal and carpal joints bilaterally present advanced lysis and complete destruction of the associated periarticular bones with advanced destruction of the normal anatomical osseous structures.

The distal interphalangeal joints of all digits of the front paws and the proximal interphalangeal joints of the hind paws present advanced erosive lesions of the subchondral bone with subluxation of the distal phalanx.

HOSPITAL NAME

CARE Surgery Center

Cranial luxation of both stifle joints is appreciated.

RADIOGRAPHIC DIAGNOSIS

REFERRING VET

Dr. Matthew Keats

- Erosive polyarthritis
- Secondary antebrachiocarpal luxation, luxation of the stifle joints
- Medial luxation right humeral head
- Generalized disuse atrophy of the osseous structures

INVOICE

59064

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The radiographic changes of multiple joints are compatible with advanced erosive immune mediated polyarthritis with complete loss of the normal architecture of the carpal & tarsal joints and multiple interphalangeal joints of the front and hind limbs. The appreciated luxation of the stifle joints is considered as a sequela to the polyarthritis as well. A synovial tap can be used to support the diagnosis. Due to the severity of the changes multiple joints of all limbs, normal and pain-free ambulation will not be feasible anymore.

DATE

6-27-23



PATIENT TECHNICAL COMMENTS

Widget McMillan Human fingers are seen in the primary beam, please consider radiation safety guidelines!

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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.

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