

**PATIENT**

Heidi Seshadri

PRESENTING CLINICAL SIGNS

Severe right forelimb lameness progressing in the face of medical management

SPECIES

Canine

RADIOGRAPHIC FINDINGS**Front Limbs**

Medial coronoid pathology is noted in both elbows.

BREED

Greater Swiss Mountain Dog

Severe deformity and irregular opacity of the medial coronoid process are seen in the right elbow. There is subtrochlear notch sclerosis of the ulnar and a moderate amount of periarticular osteophytes including the medial and lateral epicondyles of the humerus.

A large, demineralized fragment is isolated from the tip of the medial coronoid process in the left elbow. Subtrochlear notch sclerosis of the ulnar and periarticular osteophytosis and enthesophytosis is seen.

SEX

Female Spayed

There are multiple mineralizations within the supraspinatus tendon in both shoulders causing impingement of the biceps tendon. Moderate bilateral intertubercular groove exostosis is seen.

AGE

8 Years

Both carpal joints reveal mild osteoarthritic changes.

There is moderate to severe osteoarthritis of the 4th metacarpophalangeal joint in the right front limb.

INTERPRETED BYNele Eley, DVM
Dr. med. Vet. DipECVDI**Spine**

The C4/5 intervertebral disc presents moderate slightly asymmetric protrusion into the ventral epidural space. The volume of the extrusion is slightly larger on the right when compared with the left ventral epidural space.

HOSPITAL NAMESouthern Oregon
Veterinary Specialty
Center

Multiple spondyloses are seen throughout the cervical, thoracic, and lumbar spine.

Mild lumbosacral disc protrusion is noted.

Both coxofemoral joints reveal mild osteoarthritic changes secondary to canine hip dysplasia.

REFERRING VETRory Applegate DVM,
DACVIM**COMPUTED TOMOGRAPHY FINDINGS****Head**

The brain presents no deviation from its expected anatomy. The pituitary gland presents within normal limits.

INVOICE

49017

A 10mm x 3.5mm sized enhancing soft tissue attenuating structure is seen in the medial aspect of the right external auditory meatus and extends into the right tympanic bulla. Mild accumulation of hypoattenuating material is seen within the right external auditory meatus and right tympanic bulla as well.

DATE

12-12-21

The lymph nodes in the head and neck region are within normal limits.

**PATIENT**

Heidi Seshadri

The right cranial parathyroid gland is enlarged with a diameter of 6mm.

A 1.0 x 0.5 cm sized soft tissue attenuating ovoid structure is seen lateral of the left thyroid lobe.

SPECIES

Canine

The left parathyroid and right thyroid structures present within normal limits.

Thorax

The bronchopulmonary structures present within normal limits. Moderate positional atelectasis is seen.

BREED

Greater Swiss Mountain Dog

Abdomen

Both adrenal glands appear to be enlarged with cranial and caudal pole diameters of 10mm and 11mm.

SEX

Female Spayed

CT & RADIOGRAPHIC DIAGNOSIS

- Bilateral medial coronoid pathology with moderate secondary osteoarthritis and flexor/extensor enthesopathy.
- Moderate bilateral biceps tenosynovitis secondary to mineralizing supraspinatus tendinopathy with biceps impingement.
- Mild bilateral carpal and coxofemoral joint osteoarthritis.
- Moderate to severe right sided 4th metacarpophalangeal joint osteoarthritis.
- Mild to moderate right sided intervertebral disc protrusion within the cervical spine at C4/5.
- Multiple spondyloses.
- Mild lumbosacral disc protrusion.
- Suspect small mass/polyp within the right external auditory meatus and bulla with concurrent otitis externa and otitis media.
- Right cranial parathyroid enlargement.
- Ectopic thyroid tissue versus supernumerous lymph node lateral of the left thyroid lobe.
- Mild bilaterally symmetric adrenomegaly without macroscopic pituitary gland enlargement.

AGE

8 Years

INTERPRETED BYNele Eley, DVM
Dr. med. Vet. DipECVDI**HOSPITAL NAME**Southern Oregon
Veterinary Specialty
Center**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Multiple potential sources of the right front limb lameness are seen. There is medial coronoid disease with chronic osteoarthritis in both elbows. Chronic biceps tenosynovitis and mineralizing supraspinatus tendinopathy with biceps impingement are seen in both shoulders. Mild carpal osteoarthritis is noted. However, all these changes are bilaterally symmetric.

REFERRING VETRory Applegate DVM,
DACVIM

The metacarpophalangeal joint is most severe at the 4th digit of the right front limb.

INVOICE

The chronic intervertebral disc protrusion C4/5 presents mild rightward shift with potentially more severe right sided spinal cord and nerve root compression.

49017

Differential diagnosis for the enhancing soft tissue structure within the external auditory meatus and right tympanic bulla is small mass versus polyp versus mucosal hyperplasia. Further otoscopic workup with sampling is recommended.

DATE

12-12-21



PATIENT

Heidi Seshadri

The right cranial parathyroid enlargement is suggestive for adenoma. Hyperplasia and other neoplasia are thought less likely.

The additional soft tissue structure lateral of the left thyroid lobe may represent supernumerous lymph node, ectopic thyroid, or parathyroid tissue. Further laboratory workup and sampling could be considered.

SPECIES

Canine

The mild bilateral adrenal hyperplasia may be incidental and/or stress induced; however, hyperadrenocorticism with pituitary microadenoma cannot be ruled out. Correlate with the laboratory values or consider further workup by means of dexamethasone low dose test.

BREED

Greater Swiss Mountain Dog

SEX

Female Spayed

AGE

8 Years

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME

Southern Oregon
Veterinary Specialty
Center

REFERRING VET

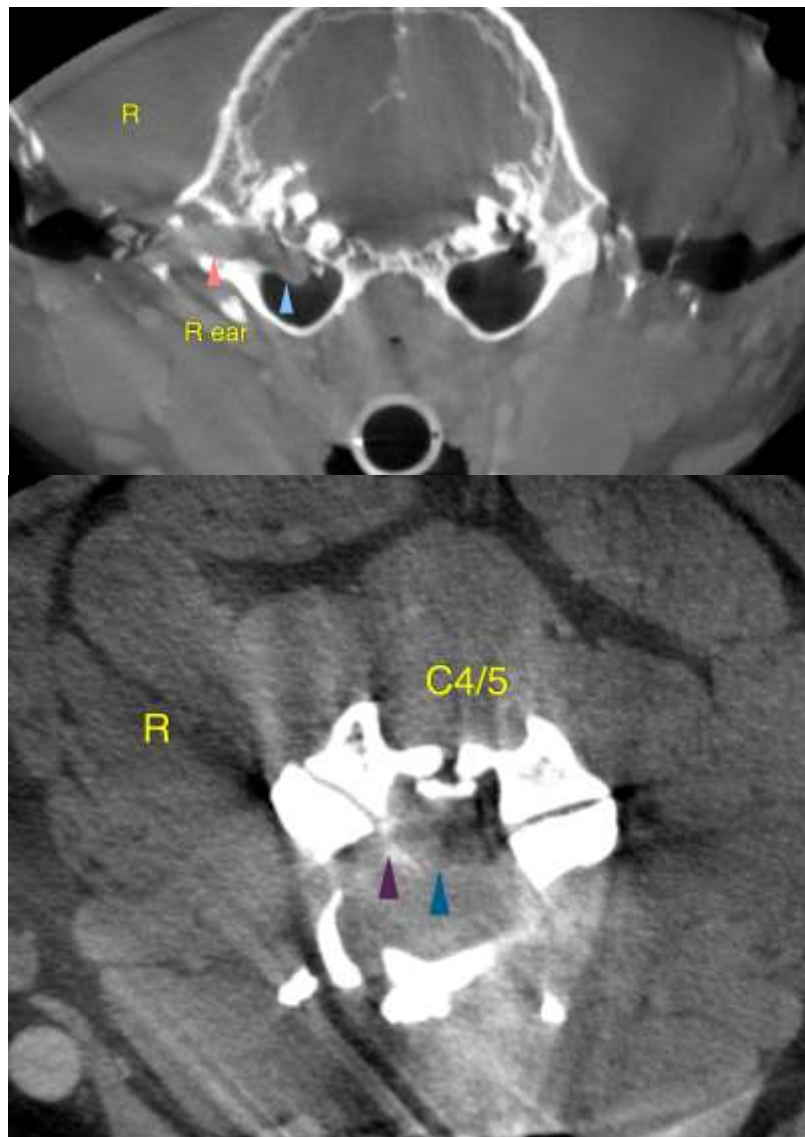
Rory Applegate DVM,
DACVIM

INVOICE

49017

DATE

12-12-21





PATIENT

Heidi Seshadri

SPECIES

Canine

BREED

Greater Swiss
Mountain Dog

SEX

Female Spayed

AGE

8 Years

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME

Southern Oregon
Veterinary Specialty
Center

REFERRING VET

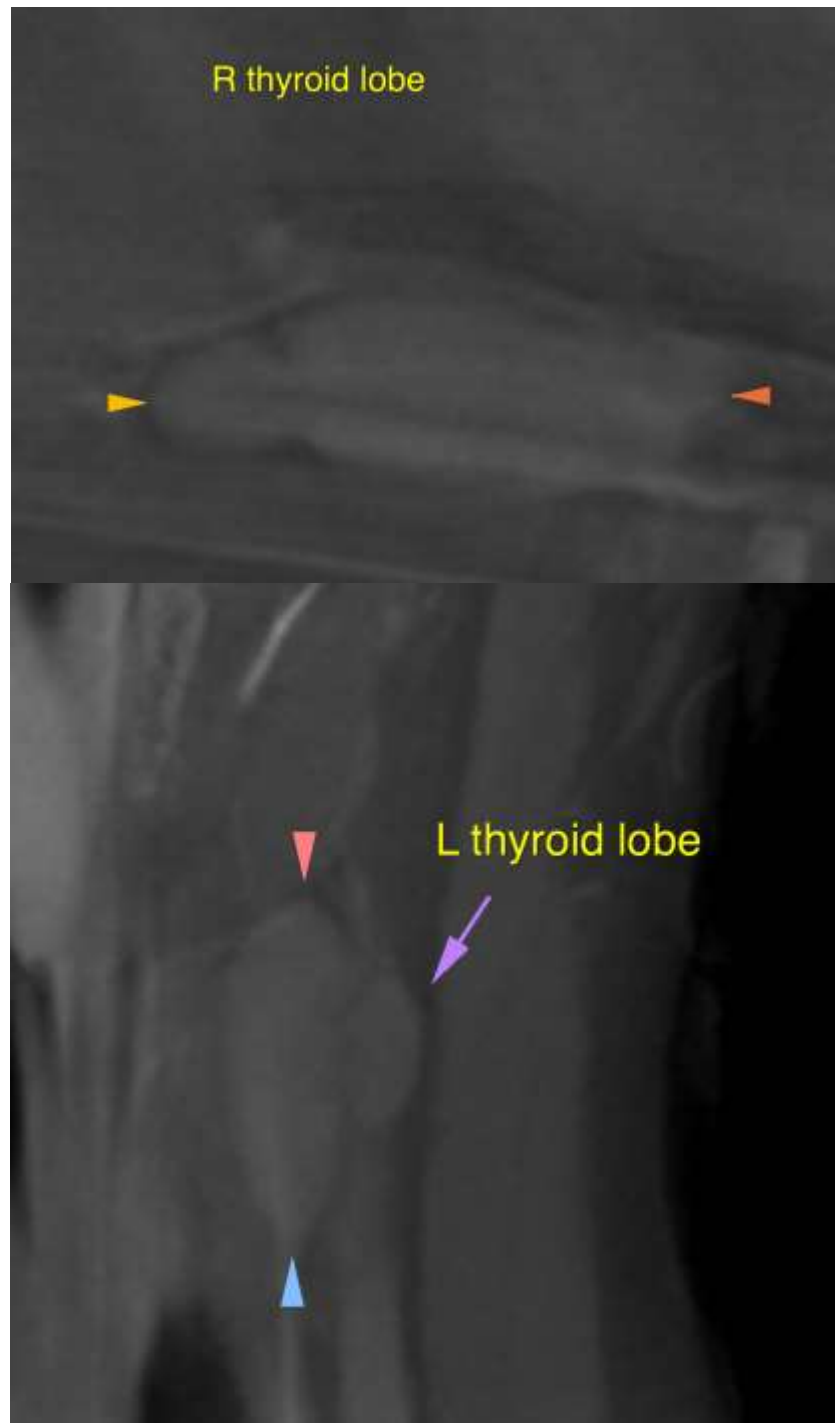
Rory Applegate DVM,
DACVIM

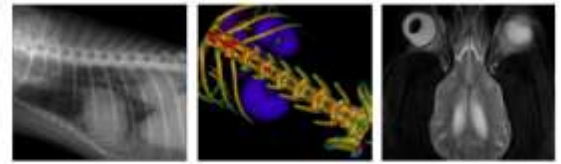
INVOICE

49017

DATE

12-12-21





PATIENT

Heidi Seshadri

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.

SPECIES

Canine

Nele Eley, DVM, Dr. med. vet., DipECVDI
European Specialist in Veterinary Diagnostic Imaging, Cert. Radiology,
Senior lecturer University of Giessen, Germany, Veterinary Faculty, Department of Radiology
Nele.Eley@sonopath.com

BREED

Greater Swiss
Mountain Dog

SEX

Female Spayed

AGE

8 Years

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME

Southern Oregon
Veterinary Specialty
Center

REFERRING VET

Rory Applegate DVM,
DACVIM

INVOICE

49017

DATE

12-12-21