

Ultrasound and MRI of the supraspinatus muscle injuries in dogs

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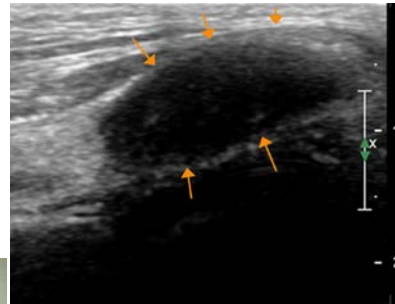
INCIDENCE

Shoulder injuries are a common cause of forelimb lameness in dogs and are reported to occur in up to 26% of sporting dogs enrolled in agility trials.

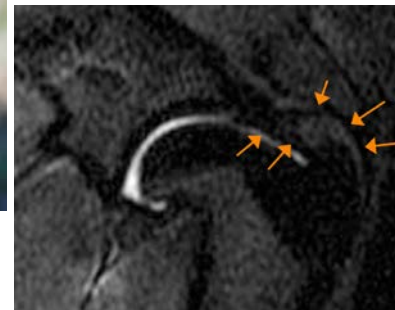


CAUSE AND CLINICAL SIGNS

Shoulder injuries can often be difficult to diagnose. Repetitive strain to the shoulder area is thought to be one of the main causes of soft tissue injuries resulting in persistent, activity-related pain and swelling of the shoulder area.



Ultrasound image of the normal supraspinatus muscle



MRI image of the normal supraspinatus muscle

DIAGNOSIS

In dogs, no clear guidelines for the diagnosis of shoulder pain are available. Several diagnostic tests are used for the diagnosis of soft tissue injuries including clinical evaluation, ultrasonography and magnetic resonance tomography (MRI).

Our study aims to evaluate the diagnostic ability of ultrasound compared to MRI evaluating supraspinatus injuries in the dog.

OSU is currently **recruiting dogs**, which are suspected to have an injury of the supraspinatus muscle of one or both shoulder joints. All dogs will be clinically evaluated and an ultrasound and MRI exam of the diseased shoulder joint will be performed. All evaluation costs and imaging costs are free of charge for dogs enrolled in the study.

For more information about the study or if you would like to enroll a patient in the study, please contact Dr. Susanne Stieger-Vanegas at susanne.stieger@oregonstate.edu