



UW Veterinary Care
UNIVERSITY OF WISCONSIN-MADISON

Looking for Dogs with Laryngeal Paralysis

Studying the EMG and stimulation response of the cricoarytenoideus dorsalis muscle in dogs with laryngeal paralysis

The Study

The goal of this study is to evaluate the primary muscle (cricothyroideus dorsalis) affected by acquired laryngeal paralysis using electromyography and muscle stimulation to determine whether the muscle is capable of responding to stimulation. This data will help determine whether treatment with an implantable pacemaker would be a potential treatment option for dogs with laryngeal paralysis.

Who Qualifies?

Any dog with acquired laryngeal paralysis that is undergoing our standard of care surgical treatment - unilateral arytenoid lateralization (tie-back) - would be a candidate for this study.

What Happens?

At the time of surgery, dogs will undergo video laryngeal examination, electromyography and stimulation of the laryngeal muscles immediately prior to placement of the tie-back sutures. The muscle evaluation process takes approximately 5 minutes.

Why Participate?

Participation will help us better understand the degree to which the laryngeal muscles are affected by laryngeal paralysis with the ultimate goal of developing improved treatment options for dogs with this condition. In addition, financial compensation is available for participation in the study.

More Information

If you are interested in participating in this study, please contact the General Surgery Service at 608-263-7600. Thank you!

