

# Computed Tomographic Evaluation of Elbows in Rhodesian Ridgeback Dogs

## Enrollment Information and Health History

Computed tomography (CT) is an advanced imaging modality capable of producing highly detailed cross sectional images of anatomy, and has been used to evaluate elbow diseases in dogs. We would like to compare elbow imaging with radiographs versus CT within the Rhodesian Ridgeback breed. Specifically, we are interested in CT findings in dogs with elbows determined as “normal” or with “grade 1” elbow dysplasia as determined by the Orthopedic Foundation for Animals (OFA). Our hope is to better characterize the ability of computed tomography to screen for elbow dysplasia in dogs.

Dogs with both elbows declared normal by OFA and dogs with grade 1 elbow dysplasia (in one or both elbows) are to be enrolled. We request that no more than two dogs per owner be enrolled, and that dogs are between the ages of 2 and 7 years. If you have two dogs you would like to enroll, please complete two copies of this form.

If you are interested in enrolling in this study, please complete this form and email it to the study coordinator, Dr. Nathan Nelson, at [nelso329@cvm.msu.edu](mailto:nelso329@cvm.msu.edu). Include the phrase “Request for participation of RRCUS study” in the subject line of the email. Dr. Nelson will review your documents, and respond regarding your eligibility.

All responses to this questionnaire will remain confidential. If you require financial or travel assistance, please check the following box and a representative of RRCUS will contact you if your dog is enrolled in the study:

### Enrollment information

Your name:

Dog’s name:

Birthdate of dog (if not exactly known, please approximate):

Sex of dog:

Male intact

Female intact

Male neutered

Female spayed

If your dog is neutered or spayed, approximate date of surgery:

Please select one of the following:

Both elbows of my dog have been graded “normal” by the Orthopedic Foundation for Animals

**One** of the elbows of my dog have been given a “grade 1” lesion by the Orthopedic Foundation for Animals, and the other graded “normal”

**Both** elbows of my dog have been given a “grade 1” lesion by the Orthopedic Foundation for Animals

Date of OFA evaluation:

Has your dog undergone any traumatic event before or after OFA screening? If so, please provide a description of the event and any side effects to your dog:

Is your dog currently or ever been diagnosed with a lameness? If so, please describe.

Please describe the current activity level of your dog and the frequency of any eventing exercises in which your dog participates.

Has your dog’s activity level decreased within the last year? If so, please describe.

Please list any medications (other than heartworm preventative) that your dog currently receives. This includes joint supplements or herbal medications.

Are you aware of any direct relatives (parents or siblings) that have had 1 or more elbows graded as “grade 1” lesion by the Orthopedic Foundation for Animals?

### **What to expect when you visit**

If your dog is accepted into the study, Dr. Nelson will contact you with additional information. We will schedule a time period for you to visit Michigan State University. Sedation will be administered to your dog and a CT scan and radiographs will be performed. The entire sedation period should be approximately 30 minutes in length. After imaging, a reversal agent will be administered and your dog allowed to recover. Most dogs are able to leave the hospital within 60 minutes after the imaging procedure.

While we will discuss preliminary radiographic and CT image findings with you, please remember that this is a research study, and solid conclusions cannot be drawn until the study is completed and all data has been analyzed. A summary of study findings will be provided to RRCUS members and those who have enrolled their dogs (no identifying information will be used).

**Additional information**

Thank you for your consideration. Please email this form to the study coordinator, Dr. Nathan Nelson, at [nelso329@cvm.msu.edu](mailto:nelso329@cvm.msu.edu). If you have questions or require additional information, please contact Dr. Nelson at the address listed above.