

Canine glioma surgery and radiotherapy clinical trial

Veterinary neurosurgeons at the University of Liverpool are studying a new medication that might improve the response to radiotherapy for glioma, a common brain tumour in dogs and people.

Procedures covered by the trial (performed at no cost to the pet owner)

1. In hospital administration of ferumoxytol, the medication being studied
2. Surgery to remove the glioma and all associated post-operative care
3. Post-operative radiation therapy

Eligibility criteria (your dog must meet all of these criteria to be enrolled in the trial)

1. An MRI of the brain has already been performed
2. This MRI reveals a suspected glioma, and the tumour is in a good location for surgery
3. The following tests have already been performed: blood work (hematology and biochemistry), and radiographs of the chest (thoracic radiographs or thoracic CT).

Dogs with concurrent terminal diseases and dogs who are not good candidates for surgery and anaesthesia are not eligible for this trial.

The final decision about enrollment rests with Professor Bentley. He will review the MRI and all the diagnostic tests that have been run to date, and make the final decision about eligibility.

How to request that your dog be considered for the trial

Have your dog's MRI sent by email to sath@liverpool.ac.uk for the attention of Professor Bentley.

If your dog has preliminary eligibility after reviewing the MRI, we will contact you to arrange an appointment. In the appointment, Tim Bentley will review the Participation Information Sheet and Consent Form with you, and perform physical examination, neurological examination, and review of your dog's complete medical record. Together, we will decide whether enrollment in this study is best for your pet.