

Your responsibilities

You will be required to attend the study site visits and keep a record of your dog's seizures.

Do I have to pay to participate?

The study medication and all study-related procedures will be provided free of charge.

Benefits of participating

Clinical studies offer hope in an otherwise hopeless situation.

This study offers the possibility of acquiring new knowledge, that has the potential to help many dogs, and maybe even humans with epilepsy in the future.

**For more information
Please contact:
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What is a clinical research study?

Clinical studies evaluate medical treatments to make sure they are safe and effective before they are approved and released to the general population. Studies are carefully designed and monitored with dog's safety as the priority.

Informed consent

Participation in the study is voluntary. Before your dog joins the study, you will read and sign an informed consent stating that you agree for your dog to be in the study. This is not a contract, and you are free to stop participating in the study for any reason at any time.

This research is made possible through funding from CURE Epilepsy



New treatment for epileptic dogs:

MiRNA-134 antisense-oligonucleotide Epilepsy Treatment in Canines

Information about the METriC clinical research study



University of Glasgow



RCSI

Canine epilepsy

Canine epilepsy is the most common neurological disorder in dogs. Up to one third of epileptic dogs do not respond to conventional anti-seizure medications affecting their quality of life.



About this study

This study will test how safe and effective a study medication is in dogs with canine idiopathic epilepsy non-responsive to conventional anti-seizure medications.

Dogs will be randomly placed (like the toss of a coin) into one of the study treatment groups. One group will receive the study medication and the other will receive a placebo. The placebo looks just like the study medication but contains no active ingredient. The dog owner, and study veterinarian will not know who is receiving the study medication and who is receiving a placebo. At the end of the study, the study medication will be offered to the dogs that received placebo, if there is evidence that it is safe and effective.

The study medication

The study medication (called Ant-134) silences a molecule called miRNA-134. Initial results in other species showed long-lasting seizure control with no side effects. It is given as a single injection into the cerebrospinal fluid under general anaesthesia.

Is my dog eligible for this study?

Your epileptic dog will have to fulfill the following criteria to enter the study:

- Age: more than 2 years
- Weight more than 5kg
- Diagnosis of idiopathic epilepsy with a normal MRI scan
- Having frequent seizures despite having tried at least 2 anti-seizure medications
- Deemed otherwise healthy