

Assessment of Anxiolytic Properties of a Novel Compound in Beagle Dogs with a Noise-Induced Model of Fear and Anxiety

Conducted by CanCog Technologies

OBJECTIVE OF STUDY:

To demonstrate that a single dose of VetriScience® Laboratories' Composure™ would have anxiety reducing properties in dogs, with specific objectives of establishing the onset and duration of anxiolytic properties of Composure™.

METHOD:

Blind, repeated measures design with two treatment groups. Twenty-four subjects passed the pre-test screening and continued into the treatment phase.

NOISE INDUCED MODEL:

Each test dog was placed in the test room. Using software that measures the distance a dog travels around the room, the distance each dog traveled was measured prethunder, and then again for two separate administrations of the thunder track.

Results show that the distance traveled before administering Composure™ was higher when the dogs were exposed to the thunder track, indicating fear response. Less distance traveled after 30 minutes on Composure™, indicated a calming effect.

SUMMARY:

The group taking Composure™ showed more thunder-phobic activity at baseline than at either 30 minutes or 4 hours after administration. By contrast the placebo group did not differ in activity at 30 minutes or 4 hours. This suggests a calming effect in the Composure™ group not seen in the placebo group.

