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

Conducted by CanCog Technologies

STUDY COMPLETED OCTOBER 2016

OBJECTIVE OF STUDY:

To demonstrate that a single dose of VetriScience® Laboratories' Composure™ (novel compound) would have anxiety reducing properties in hyperactive dogs exposed to a thunderstorm model of fear and anxiety, with specific objectives of establishing the onset and duration of anxiolytic properties of Composure™.

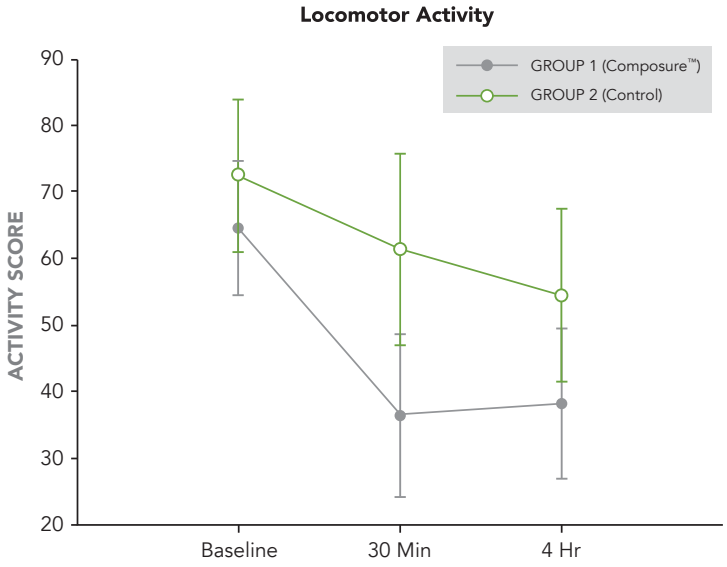
METHOD:

A blinded, repeated measures design was employed where twenty-four dogs meeting the test criteria were divided equally between test Group 1 (Composure™) and control Group 2 (Control).

NOISE INDUCED MODEL:

Using software that measures the distance a dog travels around the test area over time, the distance each dog traveled was measured at baseline, and then again for two separate administrations of the thunder track at 30 minutes and four hours.

Results show that the distance traveled at 30 minutes and four hours by the control Group 2 was higher than the Composure™ Group 1 dogs when exposed to the thunder track, indicating a greater fear response in the control Group 2. Less distance travelled after 30 minutes and 4 hours in the Composure™ Group 1 indicated a calming effect.



SUMMARY:

The dogs taking Composure™ showed a greater statistical reduction of thunder-phobic activity at either 30 minutes or 4 hours after administration as compared to the control group. This result suggests a calming effect in the Composure™ group not seen in the control group.

VetriSCIENCE® Laboratories

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