

Case study: Behaviour Monitoring with HeyrexPro

Animal Details

Breed: Samoyed

Date of Birth: 9th July 2010

Sex: Female neutered

History and Diagnosis

The dog had been accustomed to going to the owner's place of work with them, however, a change in the owner's job resulted in this no longer being possible and the dog is now left at home during the day. Over a period of several months the dog began exhibiting destructive behaviour with an increase in vocalisation and attention seeking behaviour.

The owner reported evidence to indicate that this behaviour was always more extreme on Wednesdays.

Reference to HeyrexPro graphs showed that Wednesdays were usually more active than other week days. However the owner did not report any change to the dog's routine on Wednesday.

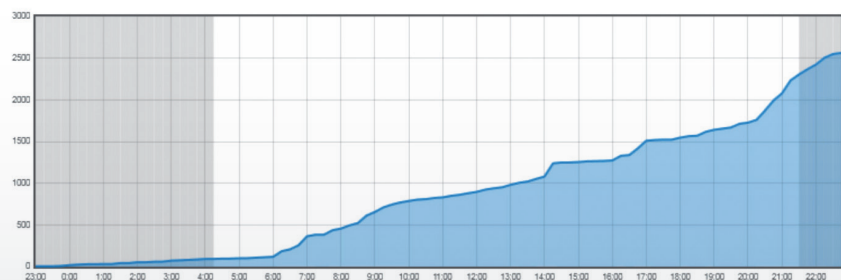
HeyrexPro also showed that a large proportion of the daily activity for Wednesdays happened between the hours of 7.30am and 9.30am (after the owner had left for work for the day).

Examination of the dog's environment on a Wednesday morning revealed that the regular weekly rubbish and recycling collection takes place between 7.30 and 9am. Analysis of the dog's behaviour resulted in a diagnosis of noise related anxiety. Territorial aggression was not considered as a differential diagnosis as the dog is confined to a section at the rear of the house with no access to and limited views of the road.

Cumulative Daily Activity - Tuesday 14 August 2012

Day free of anxiety inducing stimuli

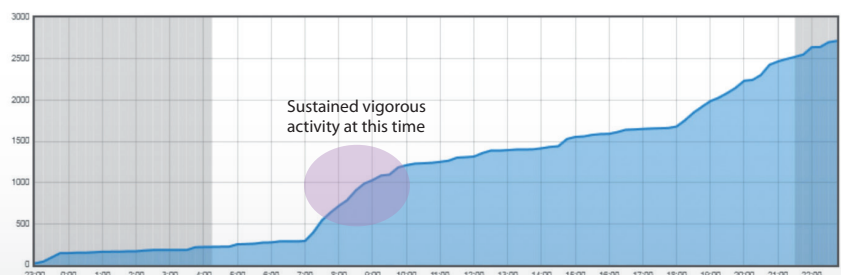
A typical week day. Note that although there are short periods of vigorous activity they do not continue for sustained periods of time.



Cumulative Daily Activity - Wednesday 8th August 2012

Vigorous activity as a result of noise related anxiety

A typical Wednesday prior to treatment. Note the significant increase in sustained vigorous activity between 7.00am and 10.00am.



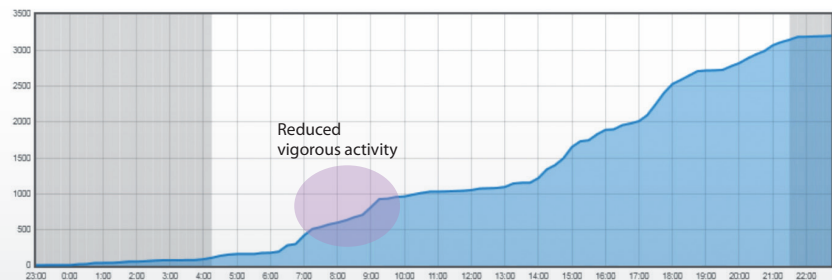
Treatment and Results

The dog's environment was treated once daily with dog appeasing pheromone spray. The owner reported an almost immediate decrease in destructive behaviour as well as a reduction in the attention seeking behaviour previously exhibited.

HeyrexPro graphs show that episodes of vigorous activity on Wednesday mornings are far less pronounced than those exhibited pre treatment.

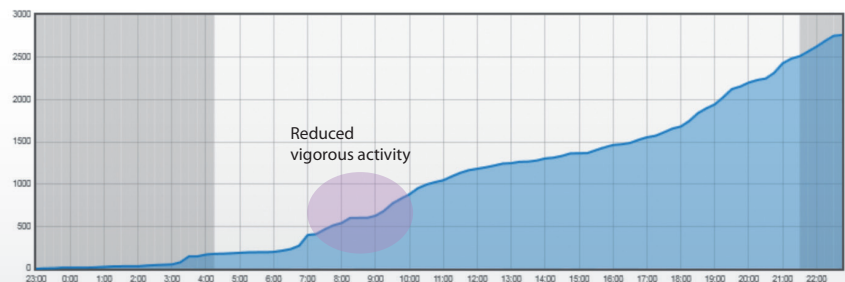
Cumulative Daily Activity - Wednesday 15th August 2012

Calmer response to anxiety inducing event
A typical Wednesday post treatment. Note the period of vigorous activity is now reduced.



Cumulative Daily Activity - Wednesday 29th August 2012

Continued progress
Another Wednesday illustrating behaviour post treatment. Again note period of vigorous activity is now reduced.



Conclusion

HeyrexPro made it possible to monitor the dog while the owner was away from home and therefore identify behaviours which were otherwise unobserved.

Using HeyrexPro enabled the dog's response to therapy to be monitored to ensure that expected outcomes were achieved.