



This case report demonstrates the usefulness of PURINA® PRO PLAN® VETERINARY DIETS NC NeuroCare in the nutritional management of Brain function in dogs.

Case report of an epileptic dog fed with Purina® Pro Plan® Veterinary Diets Canine NC NeuroCare™

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Introduction

Diablo is a castrated seven-year-old male Bichon crossbreed, diagnosed with epilepsy since the age of two. Although he has access to a garden, he is quite a sedentary animal, spending most of his time indoors. He is fed commercial dry food bought at pet shops.

Clinical examination and diagnosis

With the exception of being overweight (body condition score of 8/9), Diablo is in good health and his clinical examination revealed no notable abnormalities.

Since being diagnosed with epilepsy, he received a combination of 1.7 mg/kg of phenobarbital b.i.d. and 10 mg/kg of potassium bromide b.i.d. (Crisax®). The epilepsy was generally stable, but he still has on average two seizures per month.

Two years ago a blood test was carried out to determine the serum phenobarbital, which indicated a lower level than usual. However, increasing the dosage was not considered regarding the excessive sedative side effects of phenobarbital.

The epileptic convulsions had small/medium impact on Diablo's quality of life, so the owners preferred to maintain the traditional dosage.

Dietary management and Follow-up

With the agreement of the owners, Diablo's commercial food was replaced by Purina® Pro Plan® Veterinary Diets Canine NC NeuroCare™. The diet was introduced with some difficulty, with initially barely 50% of the ration being consumed, but after a period of one month, the food was well accepted, with more than 75% of the ration being eaten.

From the second month of nutritional therapy, a reduction was observed in the duration of the epileptic seizures, which the owners estimated lasted 3 minutes rather than the 5 minutes.

From the third month onwards, no more seizures were observed by the owners.



Diablo

Discussion and conclusion

Despite initial palatability problems, Diablo's owners were very satisfied with the diet trial. They saw a real and quantifiable reduction in the epileptic seizures, in terms of duration and number, without having to change his medication at all.

Despite some misgivings from a medical point of view at the beginning, Purina® Pro Plan® Veterinary Diets Canine NC NeuroCare™ proved to be very effective in this case as a complementary therapy with an excellent digestive tolerance, which opens up new treatment possibilities.