



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

Dubble is an eight-year-old neutered male Griffon crossed breed who had his first seizure when he was four years old, before being diagnosed with epilepsy at the age of five. A diagnosis of idiopathic epilepsy was established based on clinical signs, and excluding other causes, as hepatic and renal disease, infections and hypoglycaemia, by performing a complete blood count and blood biochemistry. Neither a scan nor a CSF puncture were however carried out.

Dubble is a very active dog, going with his owners twice a week for running. Dubble is fed with commercial dry food bought at pet shops.

### Clinical examination and diagnosis

Athletic and very lively, Dubble is in a body condition score of 5/9. He weighed 18.0 kg when included in the clinical study.

Shortly after epilepsy diagnosis based on clinical criteria, Dubble began the treatment with imepitoin (200 mg b.i.d.), and he responded well reducing the frequency of seizures to one or two seizures per month.

### Dietary management and Follow-up

With the agreement of the owners, Dubble's commercial food was replaced by Purina® Pro Plan® Veterinary Diets Canine NC NeuroCare™. The diet was introduced with no difficulties, with more than 90% of the ration being eaten from the first month. An excellent digestive tolerance was also noted, with no deterioration in stool quality.

Although Dubble continued having epileptic seizures during the study, their frequency markedly decreased during this period. He had only one seizure in the first and third months under the Pro Plan® diet, and none in the second month (see table below).



Dubble

### Discussion and conclusion

Over the three-month period during which the Purina® Pro Plan® Veterinary Diets Canine NC NeuroCare™ was administered the frequency of Dubble's epileptic seizures decreased significantly without having any change in his medication. This fact, combined with the excellent diet palatability and digestive tolerance made the owners feel very satisfied.

	Weight	Number of seizures in the last month	Level of sedation as evaluated by the owners	Quality of life as evaluated by the owners
D0	18.0	2	0.2/10	9.8/10
D28	18.4	1	1/10	9.8/10
D56	18.4	0	0.2/10	9.9/10
D84	18.15	1	0.1/10	9.9/10