



# Clinical Evidence Report

The nutrition of Prescription Diet® Metabolic Plus Feline and Canine safely reduces body weight in dogs and cats

## KEY POINTS

Feeding the nutrition of Hill's® Prescription Diet® Metabolic Plus Feline and Canine revealed:

- **Combining the results of study 1 and 2 dogs had a mean weight loss of 13% and cats 11% in 60 days.**
- **Metabolic Plus products have clinically proven nutrition to safely support weight loss in 60 days**
- **Weight loss in excess of recommended rates may be safely exceeded under controlled conditions and veterinary supervision, but are recommended to be 1-2% per week in dogs and 0.5-1.0% per week in cats.**

## Products under investigation

Two previous studies have used foods with the nutrition found in the new Hill's® Prescription Diet® Metabolic Plus.

## Study Subjects

In study 1 Twenty overweight cats/dogs were enrolled (BCS 4 or 5; >30% body fat as determined by DEXA). In study 2 twenty-six overweight cats/dogs were enrolled (BCS 4 or 5; >30% body fat as determined by DEXA) and randomly assigned to either a test or control group (n=13 each).

## Methods

Control and test foods met or exceeded Association of American Feed Control Officials' guidelines for complete and balanced nutrition for maintenance of adult cats and dogs. Dogs and cats in the test groups were fed at least 0.8\*RER to start which was adjusted weekly for weight loss for 8 weeks. All dogs and cats were weighed weekly and food intake was monitored daily and adjusted to maintain a safe rate of weight loss.



## Results

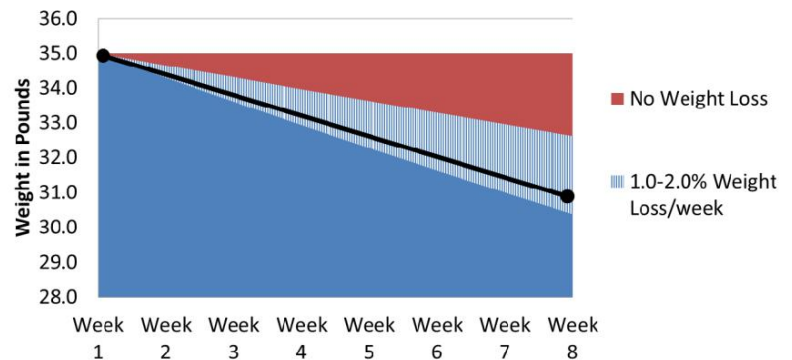
All pets, in both studies, fed the test foods lost weight. No weight loss related adverse events were reported. The average weight loss was consistent with recommended rates of weight loss of 1-2% of body weight per week for dogs and 0.5-1.0% of body weight per week for cats. In study 1, this translated to an average weight loss over 60 days of 12% in the dogs and 14.5% in the cats. In study 2, this translated to an average weight loss over 60 days of 14% in the dogs and 7.6% in the cats. In study 2, control cats and dogs were fed for maintenance and body weights did not change.

Results of Study 2 compared to recommended rates of weight loss are shown in the graphs.

### References

SACN V: pp 522-524

**Recommended Weight Loss for a 35 pound Dog is between 1.0% and 2.0% per week**



**Recommended Weight Loss for a 13 pound Cat is between 0.5% and 1.0% per week**

