

research *project*

Universität Zürich

Blood Glucose Measurements by Owners of Diabetic Dogs and Cats

Until recently, home monitoring was not routinely performed by owners of diabetic animals. The aim of this study is to determine whether owners of diabetic dogs and cats are willing and able to perform home monitoring on a long-term basis and what problems are encountered; to compare the results of home and hospital blood glucose curves; and to compare treatment decisions based on home and hospital blood glucose curves.

In 2002 the first part of the study has been successfully completed.

Further investigations will now use the technique of home monitoring to evaluate the influence of different feeding regimens on glycemic control.

Publications

- 1) G. Wess and C. Reusch: Capillary blood sampling from the ear to measure glucose concentration using portable blood glucose meters. JSAP, 41:60-66,2000.
- 2) G. Wess and C. Reusch: Assessment of five portable blood glucose meters for use in cats. Am J Vet Res, 61:1587-1592,2000.
- 3) M. CASELLA, G. WESS and C.E. REUSCH: Measurement of Capillary Blood Glucose Concentrations by Pet Owners: a New Tool in the Management of Diabetes Mellitus. J Am Anim Hosp Assoc, 38:239-245, 2002.

Index Terms

dog, cat, diabetes mellitus, capillary blood sampling, portable blood glucose meter, home monitoring

Contacts

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**Supported By
Companies**

**In Collaboration With
Private Practitioners**

Switzerland

Duration

Jun 1998 to Jun 2004

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21.3.2003

Responsible

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