



Title of Study: Cat tooth resorption genetics

Funding: Internal funding

Study Investigators: Susannah Sample, DVM, MS, PhD, Diplomate ACVS-SA
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Jason Soukup, DVM, AVDC

**UNIVERSITY OF WISCONSIN-MADISON
School of Veterinary Medicine**

**Owner CONSENT to Participate in Research And
AUTHORIZATION to Use Identifiable Health information for Research**

Principal Investigators: Dr. Susannah Sample (phone: 608-265-5828) (email: genetics@vetmed.wisc.edu)
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Purpose of the Research

The purpose of these studies is to identify and understand the genetic contribution towards tooth resorption in domestic shorthair cats.

Description of the Procedures

You are invited to participate in a clinical research study investigating the genetic basis for tooth resorption in cats. We are collecting a blood sample or saliva sample from each cat. DNA will be used to sequence the genome of each cat and analyze the sequence information for evidence of specific mutations associated with tooth resorption. Your participation is very much appreciated but completely voluntary.

What will the participation of my cat involve?

We will collect a blood or saliva sample for DNA isolation from all cats who participate in this study.

In cats undergoing a dental procedure, case or control status will be determined through dental radiographs obtained as part of the planned dental procedure. A blood or saliva sample will be obtained at the visit associated with the dental procedure

For cats previously diagnosed with tooth resorption, a blood or saliva sample will be collected at a separate appointment through the genetics service at UW Veterinary Care.

For cats enrolling in this study as potential controls, an appointment for a routine teeth cleaning procedure and complete dental radiographs will be made through the UW Veterinary Care clinic. The costs of a part or all of these procedures may be covered through grant funding.

We may contact you in the future for further historical information on your cat.

Possible Benefits

There are no direct benefits to your cat participating in these studies, unless your cat is a potential control and grant funding is available to undertake a dental cleaning and radiographs; should this occur, your cat will directly benefit from this work. Please note that should your cat be enrolled for a dental procedure and radiographs, the risks associated with these procedures will be explained to you, and the study will not cover any potential complications that occur associated with the dental cleaning or the associated anesthesia. Your cat's participation may benefit other cats in the future by helping us to determine the genetic basis and pathology of tooth resorption.

Extent of Confidentiality of Records

The data collected in the course of this study may be used in research reports and papers published in scientific journals and presented at scientific meetings. Any such publication will not allow identification of individual cats included in the study.

Contact Person for the Study

Please contact Dr. Susannah Sample for further information (608-265-5828, genetics@vetmed.wisc.edu).

Voluntary Participation and Right to Withdraw

Your permission is voluntary. You do not have to sign this form and you may refuse to do so. If you refuse to sign this form, however, you cannot take part in this research study. If you decide not to participate in this study, the care provided for your cat will not be affected in any way.

Authorization to participate in the study:

I have read the information in this consent form, obtained answers to my questions, and I voluntarily agree to have my cat participate in this study. I have been offered a copy of this consent form.

Thank you for your contribution to veterinary medicine through donation.

Signed _____
Owner or owner's agent Date

Signed _____
Investigator or person obtaining consent Date