

**Transmissible Cancer Group**  
Department of Veterinary Medicine  
University of Cambridge  
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## **Canine transmissible venereal tumour (CTVT) project**

**Patient name:**

**Animal ID:**

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In order to understand the genetic changes that cause canine transmissible venereal tumour (CTVT), we would like to enroll your dog into our study.

**This project has been approved by the Department's Ethics and Welfare Committee [Project reference CR174], Department of Veterinary Medicine, University of Cambridge, Cambridge UK, CB3 0ES.**

*I have read and understood the Owner Information Sheet, and consent for my dog to be enrolled in the study. I understand that I can withdraw my dog from the study at any time.*

Owner name (capital letters): \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

# Canine transmissible venereal tumour (CTVT) project

## *Owner information sheet*

### **About the project**

The canine transmissible venereal tumour (CTVT) is a transmissible cancer that affects dogs. This disease is spread between dogs by the transfer of living cancer cells, usually during mating. CTVT causes the appearance of tumours associated with the external genitalia of male and female dogs. CTVT tumours can usually be successfully treated with chemotherapy.

The CTVT project aims to understand the genetic changes that have occurred within CTVT tumours in dogs around the world. By analysing the genetic changes in CTVT our goal is to understand the changes that initially caused CTVT, as well as the factors that are continuing to influence its evolution. We hope in future to use this information to develop better treatments or prevention strategies for CTVT. In addition, this study will help us to understand how cancer evolves more generally, including in humans.

### **How will we collect the samples?**

Your veterinarian will take a small piece of your dog's tumour tissue and put it in a tube with chemicals for storage of DNA. In addition, your veterinarian will take a small piece of normal tissue and will store this in a tube.

### **What will happen to the samples?**

The samples will be shipped to Cambridge, UK, where we will extract DNA from them. The DNA will be sequenced using a genetic analyser. The genetic information will then be analysed to find the mutations which make each dog's tumour unique. This information will be compared with CTVT tumours collected in different countries around the world.

After extraction, the samples will be archived at the Department of Veterinary Medicine, University of Cambridge. In future, the samples may be used for further studies of CTVT.

### **Where can I find more information?**

To find more information about this study, please visit our website [www.tcg.vet.cam.ac.uk](http://www.tcg.vet.cam.ac.uk). Please do not hesitate to contact study coordinators Prof Elizabeth Murchison ([epm27@cam.ac.uk](mailto:epm27@cam.ac.uk)), Dr Andrea Strakova ([as2112@cam.ac.uk](mailto:as2112@cam.ac.uk)) or Dr Tracy Wang ([jw401@cam.ac.uk](mailto:jw401@cam.ac.uk)) at any time.

***Thank you for your participation in this study!***

