

## Stomach Cancer Study

In addition to collecting blood samples from Chows, we are also banking tissue samples from chows that have been diagnosed with or are suspected to have stomach cancer (this includes dogs that have bloated). We understand that it is very hard to lose your beloved pet to this terrible disease and that under such circumstances it is difficult to think of donating research samples. Because of this, it may be helpful to make this commitment well in advance of euthanasia and to provide a copy of our tissue collection instructions to your veterinarian.

The following is information on the types of samples and information we request for tissue donation:

- **Formalin fixed samples**
  - Tumor or “abnormal appearing” stomach
  - “Normal appearing” stomach (if there is any)
  - Healthy liver or spleen
- **Fresh sample** (*place in red top or centrifuge tube*)
  - Tumor or “abnormal appearing” stomach
  - “Normal appearing” stomach (if there is any)
  - Healthy liver or spleen

*Please freeze immediately and ship on ice packs. Keep in freezer until ready to ship.*

- **Blood Sample**
  - 3-5mls in an EDTA tube
  - Wrap in a paper towel to protect from freezing
- **Adrenal gland and oral exam**
  - We are seeing a number of adrenal tumors and oral melanomas in chows. Please confirm that the adrenal gland and oral cavity is normal in this dog. We do not need a sample of the mass if it is not.
- **FedEx the samples**
  - Ship to:
    - Nicole Madrill
    - D208 Small Animal Clinical Sciences
    - Veterinary Medical Center
    - Michigan State University
    - East Lansing, MI 48823
    - Phone: 517-432-3282
  - Please contact us for a FedEx account number

**\*If samples are taken on a Friday, Freeze the fresh tumor sample and refrigerate the blood. Ship out on Monday.**

**If you would like additional information or have questions please contact:**

Elizabeth McNeil, DVM, PhD  
D208 Small Animal Clinical Sciences  
Veterinary Medical Center  
Michigan State University  
East Lansing, MI 48823  
Phone: 517-353-3164  
Fax: 517-355-5164  
[mcniel@msu.edu](mailto:mcniel@msu.edu)

Nicole Madrill, BS  
D208 Small Animal Clinical Sciences  
Veterinary Medical Center  
Michigan State University  
East Lansing, MI 48823  
Phone: 517-432-3282  
Fax: 517-355-5164  
[madrill@msu.edu](mailto:madrill@msu.edu)