Thank you for your participation in the GOLPP study!

**Protocol for GOLPP Study DNA, Pedigree, and Muscle Biopsies - Offsite**

**Bryden Stanley / Michele Fritz**

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**Purpose:** To perform genetic testing from blood sample and histopathology on muscle biopsies collected from dogs diagnosed (via laryngeal exam) with geriatric onset laryngeal paralysis-polyneuropathy syndrome (GOLPP).

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**Study checklist:**

Study forms available on GOLPP website = [http://cvm.msu.edu/golpp](http://cvm.msu.edu/golpp)

- Obtain signed *Informed Consent DNA & BBX, offsite – GOLPP* and pedigree, if available.
- Distribute to client:
  - *Client handout - GOLPP*.
  - *Study brochure - GOLPP*.
- Complete *History Questionnaire - GOLPP*.
- Complete *Neuro Exam Form - GOLPP*.
- Collect 6-10ml EDTA blood and label with:
  - *Clearly label* each tube with dog’s name and date.
    - We prefer to receive blood rather than cheek swabs because this yields longer fragments of DNA.
  - Place tubes in a ziplock plastic bag containing absorbent material (paper towel) and pack on ice; pad for protection.
  - Note “EXEMPT ANIMAL SPECIMEN” and “REFRIGERATE” on the outside of the package.
- Collect muscle biopsies (dorsal cricoarytenoideus & cranial tibialis) see website for harvesting instructions.
  - Place biopsies in cassette or stretch on tongue depressor to prevent curling; Place into 10% buffered formalin.
  - Clearly label each sample with dog’s name, muscle type, date and time.
- Ship *study paperwork*, *biopsies*, and *blood* OVERNIGHT on ICE via FedEx to (avoid weekend or public holiday arrivals):
  
  Michele Fritz / Dr. Stanley: GOLPP Study  
  D-208 Veterinary Medical Center  
  Michigan State University  
  East Lansing, MI 48824

  *study paperwork and biopsies do not require ice and may be shipped separately.
- Shipping charges will be billed to the study. In the *information line of the FedEx form* indicate: 048900976 Stanley GOLPP.
- Contact GOLPP@cvm.msu.edu with package tracking number(s).

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