

Current Veterinary Clinical Trials

SUBFERTILITY IN THE LABRADOR RETRIEVER

■ **Background**

- Sperm motility and number are the only parameters we currently have to measure sperm. These parameters do not have a strong correlation to subfertility in many males. We have the ability to measure more detailed aspects of sperm, including cell membrane and DNA integrity, as well as sperm cell metabolism. Some of these parameters may correlate with infertility. The objective of this study is to identify fertility parameters in canine semen which can be evaluated using fluorescent markers.

■ **Participation Requirements**

- Labrador retriever males over 2 years old that have bred more than one bitch without resulting in pregnancy or yielding litters of less than 3 puppies.

■ **Procedures**

- Manual collection of a fresh semen sample by your veterinarian for shipment to UC Davis

■ **Owner Responsibilities**

- Complete a survey (URL can be found below)
- Coordinate visit to your veterinarian with UC Davis so the appropriate shipping materials may be sent to your veterinarian
- Take your male dog to your veterinarian for semen collection

■ **Benefits**

- After the study is completed, owners will receive a complete report of their dog's semen test results.
- Results from this study may lead to the development of advanced diagnostic tests to determine causes of infertility in male dogs and may lead to preventative or curative recommendations for future cases.



PRINCIPAL INVESTIGATOR

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Survey URL: <https://www.surveymonkey.com/s/T2TQVQ6>

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