



AUCVM | CARDIOLOGY SERVICES CONDUCTING

Entresto®

CLINICAL TRIALS

BACKGROUND AND PURPOSE

- Myxomatous mitral valve disease (MMVD) is very common in dogs and can lead to congestive heart failure (fluid in the lungs).
- A novel drug, Entresto®, has shown superior benefit in humans with heart failure.
- Entresto® is beneficial in normal dogs without side effects, but Entresto® has not been studied in dogs with naturally acquired heart disease.
- This study is being conducted to compare Entresto® and placebo in dogs with MMVD. These results may justify the use of Entresto® in dogs suffering from heart disease.

PARTICIPATION REQUIREMENTS

- Dogs weighing between 8.8-33 lbs. that have a heart murmur consistent with MMVD and heart enlargement on chest x-rays.
- These patients must not be taking any heart or corticosteroid medications (pimobendan is fine).
- Patients previously diagnosed with CHF will be excluded.

PROCEDURES

- Heart ultrasound is required for enrollment. Chest x-rays and bloodwork will be performed if enrolled.
- Blood will be collected to measure organ function and a heart protein (NT-proBNP).
- Urine will be collected to measure heart hormone levels (aldosterone).
- Dogs will be randomly placed on Entresto® or placebo capsules.
- After initial evaluation (Day 0), dogs must return on Day 7 and Day 30 for rechecks.

BENEFITS

- \$75.00 examination fee for screening (clients pay initial fee).
- FREE heart ultrasound for your dog.
- FREE chest x-rays and bloodwork if enrolled.
- FREE Entresto® (\$400 in savings).
- All tests are a total of \$550 in savings.
- Results from this study will help us better understand and treat dogs with MMVD.

OWNER RESPONSIBILITIES

- Bringing your dog to the scheduled rechecks – Day 0, Day 7, and Day 30.
- Collecting urine at home on the morning of each appointment and bringing it with you

PRINCIPLE INVESTIGATORS

- *Daniel Newhard*, DVM | Cardiology Resident
- *SeungWoo Jung*, DVM, MS, PhD, DACVIM (Cardiology)
| Faculty Cardiologist
- *Randolph Winter*, DVM, DACVIM (Cardiology)
| Faculty Cardiologist

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