

# NOW RECRUITING DOGS IN ACTIVE CONGESTIVE HEART FAILURE (CHF) WITH PULMONARY EDEMA



NC State University College of Veterinary Medicine's Cardiology department is looking for dogs in **active** left-sided congestive heart failure with pulmonary edema that require hospitalization for treatment. The purpose of this study is to characterize the pattern of lung ultrasound changes associated with the resolution of pulmonary edema and to compare these findings to respiratory rate, lung auscultation, and thoracic radiographs.

## Inclusion:

- Dogs in active left-sided congestive heart failure due to any acquired or congenital heart disease that requires at least 12 hours of hospitalization.
- This can be a first time or recurrent episode of CHF

## Exclusion:

- **Dogs** with significant pulmonary disease. such as Pneumonia.  
**Dogs** with mild congestive heart failure with minimal B-lines on lung ultrasound

Additional information can be provided by contacting  
Dr. Terri DeFrancesco ([tdefranc@ncsu.edu](mailto:tdefranc@ncsu.edu)) or  
Dr. Chris McLaughlin ([cmmclau3@ncsu.edu](mailto:cmmclau3@ncsu.edu))

**NC STATE** UNIVERSITY College of Veterinary Medicine

## PARTICIPATION:

---- ALL DOGS WILL BE HOSPITALIZED IN THE NC STATE SMALL ANIMAL EMERGENCY AND CRITICAL CARE DEPARTMENT FOR CHF TREATMENT.

---- LUNG ULTRASOUND AND AUSCULTATION WILL BE PERFORMED 5 TIMES DURING THE DOGS STAY

---- THE DOGS TREATMENT WILL BE DICTATED BY THE ATTENDING CLINICIAN AND WILL NOT BE INFLUENCED BY FINDINGS

## COMPENSATION:

COVERED BY THE STUDY

---- CARDIOLOGY CONSULTATION – INCLUDING EMERGENCY FEE  
---- LUNG ULTRASOUND  
---- ECHOCARDIOGRAMS  
---- ONE OR TWO SETS OF CHEST RADIOGRAPHS AS NEEDED  
---- VALUE OF UP TO \$976

THE CLIENT WILL BE RESPONSIBLE FOR ALL OTHER COSTS ASSOCIATED WITH NORMAL COURSE OF TREATMENT

For *urgent patient referral* and possible enrollment please call NC State Small Animal ER at **919-513-6911**.