



# 2019 NCAVT Fall Conference CPR Workshop

## RECOVER VETERINARY CPR CERTIFICATION - BASIC AND ADVANCED LIFE SUPPORT

How do we best treat animals in cardiopulmonary arrest? Evidence-based veterinary CPR guidelines published by the RECOVER Initiative in 2012 aimed at maximizing patient survival after cardiopulmonary arrest led to the official veterinary CPR certification process approved by the American College of Veterinary Emergency and Critical Care. This course will teach the concepts and techniques of RECOVER Basic Life Support (BLS) and Advanced Life Support (ALS).

The certification process consists of an online course followed by onsite training at the conference. Because of this, participants must have successfully completed the RECOVER online BLS and ALS courses available at [recoverinitiative.org](http://recoverinitiative.org) (or have taken the courses previously offered by eCornell or Veritas). Successful completion of this course grants certification as a RECOVER BLS and ALS Rescuer. Human medical professionals certify in human CPR. Veterinary medical professionals should certify themselves in veterinary CPR!

Registration for the online portion of the certifying course is included in the registration fee of the onsite portion to be held at the conference. Once registration for this lab is complete, participants will be notified with login information for the online portion of the course and must be completed before the onsite portion for the individual to become certified in RECOVER CPR.

## CORE EDUCATIONAL CONCEPTS

1. Standardized presentation of course content and skill demonstrations to provide consistent didactic and psychomotor training.
2. Substantial hands-on practice to provide repetitive performance of key skills based on clearly defined objectives.
3. Reinforcement of concepts through relevant training scenarios applicable to real-world settings.
4. Debriefing of simulation scenarios encouraging learners to reflect on their performance and allowing feedback from the instructors for improvement.
5. Assessment of participant's competence based on benchmarked standards serving as an evaluation of knowledge and technique as well as a learning opportunity.

## LEARNING OBJECTIVES

1. Rapidly recognize patients with cardiopulmonary arrest
2. Properly administer high-quality chest compressions using the most up-to-date approaches in dogs and cats
3. Provide mouth-to-snout or intubated ventilation according to current evidence-based guidelines
4. Utilize effective communication and team skills that will improve your ability to manage emergent and critically ill patients
5. Choose the most useful monitoring devices for patients in cardiopulmonary arrest and interpret data from them
6. Rapidly diagnose the arrest ECG rhythm to determine the best ALS therapies for the patient
7. Administer the most effective drugs and other adjunctive therapies for patients with cardiopulmonary arrest
8. Perform life-saving procedures such as venous cutdowns, intraosseous catheter placement, and open chest CPR

## COURSE FLOW

*Pre-conference to be achieved by the participant on own prior to the conference*

*The modules will be available via <https://recoverinitiative.org>. Once registration is complete through the North Carolina Association of Veterinary Technicians attendees will receive an email with instructions on how to register for the online modules. These modules are RACE approved and must be completed by October 5<sup>th</sup> 2019.*

1. Complete RECOVER CPR course through RECOVER.
  - a. Basic Life Support - 5 hr RACE CE Credit
  - b. Advanced Life Support - 3.5 hr RACE CE credit

*Onsite day of the Conference*

1. Basic Life Support Certification (1.5-2 hr)
  - a. Review and practice
  - b. Assessment
2. Advanced Life Support Certification (3.5-4 hr)
  - a. Review
  - b. Practice with Scenarios
  - c. Assessment