

Program Provider:

MedVet

Program Date:

Thursday, February 26, 2026

6-8pm CT

Program Title and Credit Requested:

Anesthesia Machine Use & Care: The Complete Overview

2.0 credit hours

Program Description:

This live interactive medical program for veterinary professionals will include a lecture plus hands-on lab. The course will include a comprehensive overview of the anesthesia machine, both a theoretical foundation and practical skills, plus essential safety features. The lecture session will focus on the function of tracing the path of gases from the source to the patient, in addition to reviewing compressed gas sources, pressure regulators, flow meters, vaporizers, and the breathing circuit. The lab session will cover proper circuit attachment, preparing the scavenger system, and critical steps such as leak checking. This program will focus on the function of each component of an anesthesia machine in a clinical environment.

Agenda/Outline:

- LECTURE:
 - comprehensive overview of the veterinary medicine anesthesia machine
 - theoretical foundation
 - practical skills
 - parts of the machine
 - flow of oxygen through the machine tracing the path of gases from the source to the patient
 - function of compressed gas sources, pressure regulators, flow meters, vaporizers, and breathing circuit
 - essential safety features and the physiological basis for their use
- HANDS-ON LAB:
 - complete and safe machine setup procedure
 - demonstrate critical steps:
 - leak checking
 - proper circuit attachment
 - preparing the scavenger system
 - attendee participation – practicing operating the anesthesia machine

Learning Objectives:

- #1: How to set up the anesthesia machine
- #2: The oxygen flow pattern from the machine to the patient
- #3: How the machine functions, plus safety features

Presenter:

Jessica Guilfou, RVT