



CANNABIS

FOR VETERINARY PROFESSIONALS

Presented and directed by Narda G. Robinson, DO, DVM, MS, FAAMA
President and CEO, CuraCore Integrative Medicine & Education Center



Pharmacology of cannabis

Mechanisms of action for pain,
anxiety, cancer and seizures

Endocannabinoid physiology

Cannabis - phytocannabinoids,
including CBD and THC

Products, contents and testing

Environmental impact

Dosing questions

RACE approval pending

SEE WEBSITE FOR ADDITIONAL REGISTRATION INFORMATION AND COURSE FEES
20 Hours of Continuing Education



CURACORE
INTEGRATIVE MEDICINE & EDUCATION CENTER

THERE'S MORE TO CANNABIS THAN CBD.

LEARN THE SCIENCE AND COMPLEXITY OF CANNABINOID MEDICINE.

ABOUT THE COURSE

Veterinarians face many challenges when it comes to cannabis. How does it work? Is it safe? What are the safeguards in place for veterinary products? Which regulations restrict veterinarians' ability to prescribe cannabis? How does cannabidiol (CBD) differ from delta-9 tetrahydrocannabinol? Where can I find reliable information online?

This course aims to educate veterinarians, nurses, and technicians about the science and safety of cannabis - recognizing its historical lineage, controversial aspect, the ability to regulate endogenous analgesic and homeostatic processes. Now that the FDA has approved cannabinoid drugs, the need to know its effects is stronger than ever.

The class is open to veterinary healthcare professionals as well as those from other professions that have a desire to learn more about the pharmacology and safety issues concerning cannabis treatment of veterinary patients. However, prospective enrollees should have a background in college chemistry, neurophysiology, and fundamental pharmacology, as well as an intellectual curiosity that impels a desire to learn both the pros and cons of cannabis.

Those that complete the program will receive a certificate of completion that pertains only to the coursework contained herein. That is, this course does not grant the authority to prescribe any type of cannabis product nor to practice veterinary medicine. Participants should seek and understand local, regional, and national restrictions concerning cannabis that would apply to them and their practice, if applicable.

CuraCore also offers a more extensive certification course in veterinary botanical medicine consulting for veterinarians and veterinary nurses / technicians.

COURSE CONTENT AND ACCESS

Participants gain access to the online materials for 12 months following enrollment. All modules can be completed at your own pace. Each module may contain videos, reading assignments, and homework. Each participant must finish the program within the 12-month access period in order to receive a certificate of completion. There is no required text. All recommended course materials will be available online.



CONTINUING EDUCATION INFORMATION

This course is RACE approval pending. Please contact your state's licensing agency or comparable regulatory board (if you practice outside of the United States) in order to determine whether this course qualifies for 20 continuing education credits. Those who satisfy all the requirements of the program will receive a certificate of completion.



Everything You Always Wanted to Know about Cannabis - But Didn't Know Whom to Ask (or Trust)

Course Overview from **Narda G. Robinson, DO, DVM, MS, FAAMA, Course Director**

10 Online, Self-Paced Modules

Cannabis – Vital Commodity or Scourge of Humanity? See how attitudes evolved over time regarding this versatile and highly valued commodity, as a plant that was once used as legal tender in the United States became illegal even to possess, with the risk of life imprisonment.

“It’s Just a Plant -- Or Is It?” When healthcare professionals recommend herbs, they should learn about the products’ safety and effectiveness. Cannabis is just a plant, but one encumbered with hefty regulatory entanglements. Know the pharmacology first; then judge for yourself about its legitimacy.

Meet the Endocannabinoid System. After researchers discovered THC, they hunted for reasons why it worked. In so doing, they revealed a treasure trove of endogenous analgesic and auto-regulatory pathways known as the endocannabinoid system, possessing widespread neurophysiologic activity.

Cannabinoids – More than THC and CBD. Cannabis contains over eighty cannabinoids, and pharmacologists are exploring their clinical attributes. Know how the plant produces THC and CBD precursors and how whole plant prescribing compares to single component treatment.

Terpenes and Terpenoids. What gives certain strains, or chemovars, of cannabis their fruity, floral, or earthy scent? Find out the similarity between cannabis, beer, mangoes, and lavender.

Processing Safety. How are products made at home and in industry? What standards apply and how are samples tested? What are the One Health implications of “home cooking” cannabis?

Cannabis Formulations – Pharmaceuticals, Edibles, Concentrates, Raw Plant, Animal Treats.

Why and when would a certain type of cannabis preparation work better than another? How do their reliability and pharmacologic activity compare? Speak knowledgeably with clients about the pros and cons of delivery methods currently in common use.

Claims of Cure – Where’s the Research? Legal constraints long hampered rigorous research into the medicinal value of cannabis. Now, as more states ease regulations, scientists in academia and industry are finding answers. Examine the evidence insofar as what is known and what remains a mystery.

Legal Everywhere, or Nowhere? When companies claim that their hemp-based products are legal to ship across the United States, is that true? Can veterinarians prescribe any cannabis products? Have any been approved for animal use? How does the regulation of cannabis in veterinary medicine differ between the United States and Canada?

Dosing Confusion – How Much, for How Long, and for Which Condition? Looking for a quick, easy, and reliable dosing regiment for CBD? Understand why approaching cannabinoid medicine with more than a one-size-fits-most approach will deliver safer, better outcomes.

YOUR NEXT STEP STARTS HERE

REGISTER AND BEGIN LEARNING TODAY.

curacore.org/everything-cannabis/

ENDOCANNABINOIDS, PLANT-BASED CANNABINOIDS, TERPENES, and MORE



Narda G. Robinson, DO, DVM, MS, FAAMA

Dr. Robinson is a leading authority on scientific integrative medicine from a One Health perspective and is one of the first veterinarians to study cannabis within a university setting.

A scholar, researcher, and published author, Dr. Robinson held the only professorship at a veterinary college designed specifically to investigate the legitimacy of integrative medicine. In 1998, she launched Colorado State University's first integrative medicine service and for eight years directed CSU's Center for Comparative and Integrative Pain Medicine. Over the past two decades, Dr. Robinson has taught a variety of popular, scientifically based continuing education courses, ranging from medical acupuncture and massage to botanical medicine and photomedicine therapy.

Dr. Robinson holds a Bachelor of Arts (AB) degree from Harvard/Radcliffe, a doctorate in osteopathic medicine (DO) from the Texas College of Osteopathic Medicine, and a doctorate in veterinary medicine (DVM) and master's degree in biomedical sciences (MS) from the Colorado State University College of Veterinary Medicine and Biomedical Sciences. She is a fellow of the American Academy of Medical Acupuncture. She also serves on the American Board of Medical Acupuncture, the board-certifying organization for physician medical acupuncturists, as well as the board of the American Academy of Medical Acupuncture.



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