

CANNABIS FOR HEALTHCARE PROFESSIONALS



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

Two Part Series
NCCAOM 23 PDA Points

SEE WEBSITE FOR ADDITIONAL REGISTRATION INFORMATION AND COURSE FEES
Presented and directed by Narda G. Robinson, DO, DVM, MS, FAAMA



CURACORE MED

THERE'S MORE TO CANNABIS THAN CBD.

LEARN THE SCIENCE AND COMPLEXITY OF CANNABINOID MEDICINE.

ABOUT THE COURSE

Healthcare providers face many challenges when it comes to cannabis. How does it work? Is it safe? What are the safeguards in place for products? Which regulations restrict one's 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 practitioners about the science and safety of cannabis - recognizing its historical lineage, controversial aspect, and 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 all 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 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.

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

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 two part course qualifies for a total of 23 continuing education credits. Those who satisfy all the requirements of the program will receive a certificate of completion for each part.





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

Part One:

Cannabis – Vital Commodity or Scourge of Humanity? See how attitudes evolved over time regarding this versatile and highly valued product, from a plant that was once used as legal tender in the United States, to one that became illegal even to possess, risking 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 its legitimacy for yourself.

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 as well as the pharmacologic implications of terpene content in cannabis preparations.

Processing Safety. How are products made at home and in industry? What standards apply and how are samples tested? What are the potential pitfalls of "home cooking" cannabis?

Part Two:

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 products' reliability and pharmacologic activity compare? Learn 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 cannabis products are legal to ship across the United States, is that true? Can you prescribe cannabis legally in your state? What happens with drug testing?

Dosing Confusion – How Much, for How Long, and for Which Condition? Looking for a quick, easy, and reliable dosing regimen? Currently, they do not exist, because research is in its infancy. However, we do have clues and guidance from medical practitioners and researchers that have gained experience with cannabinoid medicine. Understand why approaching patient prescribing with more than a one-size-fits-most approach will deliver safer, better outcomes.

NOTE: Our curriculum evolves as new information becomes available. The material contained herein is thus subject to change as needed in order to optimize your education.

View our full curriculum of science-based courses at: curacore.org

YOUR NEXT STEP STARTS HERE

REGISTER AND BEGIN LEARNING TODAY.

curacore.org/med/botanical-medicine/

ENDOCANNABINOIDS, PLANT-BASED CANNABINOIDS, TERPENES, and MORE.



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



Dr. Narda Robinson is a veterinarian and osteopathic physician, licensed to practice in Colorado and Ontario. She is the President and CEO of the CuraCore Integrative Medicine & Education Centers in the US and Canada. Dr. Robinson served on the faculty of the Colorado State University College of Veterinary Medicine & Biomedical Sciences for nearly 20 years, focusing her teaching and research on the scientific basis of integrative medicine. In 2015, she was invited by the President of CSU, Dr. Tony Frank, to explore the research potential of cannabis. She then participated on a university-wide committee that, in conjunction with the University of Colorado, helped to lay the groundwork for academic study of cannabis. She co-authored a seminal survey on consumers' perceptions of the value of hemp products for dogs. The results from this study helped to stimulate and pave the way for clinical research on cannabis at CSU. Dr. Robinson currently teaches online and onsite courses on cannabis that encourage scientific scrutiny and critical inquiry insofar as they relate to medical treatment and lawful practice.

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 a 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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