Medical Cannabis from A to Z

A Clinical Cannabinoid Medicine Curriculum
Developed by the Society of Cannabis Clinicians (SCC), this is the first comprehensive, online CME certified curriculum in Clinical Cannabinoid Medicine designed to educate the practicing clinician on both the research and clinical practice aspects of the therapeutic use of cannabis.

About the Curriculum
• It is certified for up to 12 credits by the Postgraduate Institute for Medicine (PIM), a leader in the field of national accredited providers.
• The faculty includes members of the Society of Cannabis Clinicians Board of Directors and other prominent contributors in the field of cannabinoid medicine.
• Presents the fundamentals on the Endocannabinoid System, one of the most important neuromodulating systems involved in establishing and maintaining physiologic homeostasis – which are not part of today’s standard medical training.
• Participants can complete each of the 12 courses at their own pace.

About the SCC
The Society of Cannabis Clinicians (SCC) is an educational and scientific society of qualified physicians and other professionals dedicated to the promotion, protection and support of cannabis for medical use. Its mission is to bring together members of various medical specialties and allied professionals with this common purpose. The goals of the Society include:
• Expansion of knowledge on the medical use of cannabis.
• Facilitation of best practice standards for cannabis consultations.
• To study, discuss and make recommendations relating to research, practice and policy in the medical use of cannabis.
• To maintain and advance the highest possible ideals and service standards in the education, practice and research in the medical use of cannabis.
• SCC members receive a 10% discount towards course tuition as a benefit of membership. Please contact info@cannabisclinicians.org for more information.

About the Course Director
Deborah Malka MD, PhD, is Board certified in Integrative Holistic Medicine, and has been supportive of patient empowerment and alternative medicine throughout her career. Prior to clinical practice, Dr. Malka completed her PhD in Molecular Genetics, and studied both natural and traditional medicine. She then practiced as a primary care physician, directing a holistic medical clinic in Aptos, California, for 15 years. For the past seven years she has specialized in cannabis medical consulting, serving more than 25,000 patients to date. Her private practice, CANNABIS PLUS, provides medical marijuana evaluations and natural health consulting with offices in Monterey and Santa Cruz, California. She has previously served as
the medical director for MediCann Inc., a statewide group of clinics providing medical marijuana evaluations in California, serving over 300,000 patients. Drawing on her experience training 30 physicians in this group in cannabis medical consulting, research and practice, Dr. Malka created this current curriculum in Clinical Cannabinoid Medicine. Her experience in higher education dates from a prior position as Assistant Professor in Molecular Biology at the University of New Mexico. After completing the MD program at UNM, she acted as a consultant to the Dean of Medical Education in the development of an Integrative Medicine program. She is currently the chair of the Education Committee for the Society of Cannabis Clinicians and serves on their Board of Directors.

**Course Title – Clinical Cannabinoid Medicine**

I. **History of Cannabis as Medicine: A Timeline through Current Drug Policy Issues**  
   David Bearman MD  
   Reviews the history of cannabis as medicine – a timeline through current drug policy issues.

II. **The Endocannabinoid System**  
    Dustin Sulak DO  
    Presents the endocannabinoid system, cannabinoid receptors, and the effect of endocannabinoids on physiologic systems.

III. **Cannabis – the Plant, a Phytocannabinoid Medicine**  
     Kymron deCesare  
     Provides an overview of the relationship between chemical, pharmaceutical and medicinal herbal properties in cannabis.

IV. **Pharmacology of Cannabis and Physiologic Effects of Phytocannabinoids**  
    Laura Borgelt PharmD  
    Reviews the pharmacology of cannabis, the pharmacodynamics that vary by method of administration, and the physiologic effects of cannabis in the body.

V. **Delivery and Dosage of Medicinal Cannabis**  
   Deborah Malka MD, PhD  
   Presents the effects of six different methods of delivery for cannabis and parameters for providing dosage guidance.

VI. **Clinical Practice I: Cannabis Use for Pain Pharmacological and Clinical Studies**  
    John McPartland DO  
    Use Statistics and Case Report  
    Stacey Marie Kerr MD  
    Presents an overview of cannabis use for pain, historical and current use, with a review of the physiology and evidence base, as well as a case report example.
VII. Clinical Practice II: Insomnia, Glaucoma, Immune Disorders
Jeffrey Hergenrather MD
Reviews the clinical use of cannabis for insomnia, glaucoma and immune disorders.

VIII. Clinical Practice III: Movement Disorders and Neurodegenerative Diseases
Stacey Marie Kerr MD
Reviews the clinical and physiologic effects of cannabinoids on movement disorders, neurodegenerative diseases, and CNS injury.

IX. Clinical Practice IV: Mental Health Conditions and Potential Psychiatric Applications
Christopher Fichtner MD
Reviews the effects of cannabis on mental health conditions and potential psychiatric applications of cannabis as a therapeutic agent.

X. Clinical Practice V: Cancer and Palliative Care
Cannabis in Cancer Care
Donald Abrams MD
Cannabis Use in Cancer Treatment and Palliative Care
Valerie Leveroni Corral
Reviews the use of cannabis in cancer and palliative care including examples of high dose cannabis therapy in certain cancers.

XI. Clinical Practice VI: Cannabis Use Disorders and Precautions Cannabis Use Disorders
Mary Lynn Mathre RN
Precautions
Arnold Leff MD
Reviews the safety of cannabis medicinal use, including precautions and an understanding of cannabis use disorders.

XII. Clinical Case Study Reviews
1. Cannabis Use in Pediatric Seizure Disorders - Bonni Goldstein MD
2. Cannabis Use in a Patient with Depression, Anxiety and Insomnia – Deborah Malka MD, PhD
3. Cannabis Use in a Pediatric Patient with an Optic Tract Glioma – Jeffrey Hergenrather MD
4. Cannabis Use in an Elderly Patient (103 years old) with Nausea - Deborah Malka MD, PhD
This module provides four case reports of clinical cannabis use including a video of a medical marijuana evaluation visit.