

Donald Abrams: A Training for Health Professionals and Cancer Advocates, Part 4

Donald I. Abrams, MD, is chief of the Hematology-Oncology Division at Zuckerberg San Francisco General Hospital ;an integrative oncologist at the University of California, San Francisco, Osher Center for Integrative Medicine; and professor of clinical medicine at the University of California, San Francisco. He was one of the original clinician/investigators to recognize many of the early AIDS-related conditions. He conducted numerous clinical trials investigating conventional as well as complementary therapies in patients with HIV. His interest in botanical therapies led him to pursue a two-year fellowship in the Program in Integrative Medicine at the University of Arizona that he completed in December 2004.

1. **00:48** Introduction: Cannabis in integrative cancer care
 - a. cannabis as medicine
 - b. the non-THC components of cannabis
 - c. endocannabinoids
 - d. cannabinoids (CBD)
 - e. oral delta-9: an approved drug
 - f. oral THC pharmacology
 - g. smoked THC pharmacology
 - h. symptom management challenges (cancer and its treatments)
 - i. cannabinoids and appetite
 - j. cannabis in chemotherapy-induced nausea and vomiting (CINV)
 - k. oncologists' THC study, 1990
 - l. cannabis and CINV
 - m. cannabinoids and pain
 - n. cannabis in HIV neuropathy
 - o. cannabis and nabiximols in chemotherapy
 - p. cannabinoid: opioid interactions and opioid interaction trial
 - q. cannabis as an anticancer agent
 - r. [National Cancer Institute website](#)
 - s. cannabis-induced euphoria
 - t. the safety of cannabis, cannabis dosage and prescriptions
 - u. acceptance of medical cannabis and returning to the roots of medicine
2. **51:10** Michael Lerner and Donald Abrams in conversation on integrative cancer care
 - a. top 5 points when considering integrating into medical practice
 - b. cannabis oil experience
 - c. Q&A