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](https://www.cancer.gov)
   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