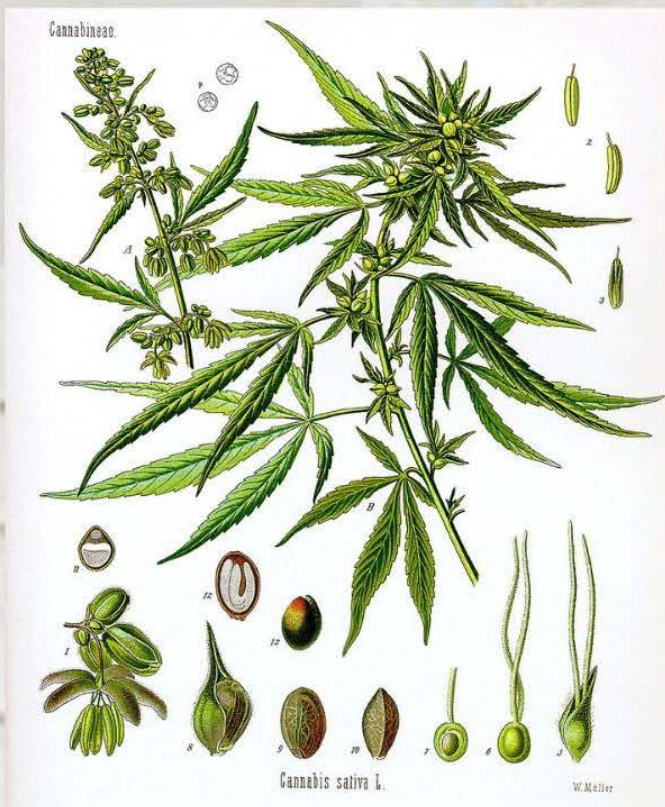


Key for Figure 1

Hemp plant. A flowering male and B seed-bearing female plant, actual size; 1 male flower, enlarged detail; 2 and 3 pollen sac of same from various angles; 4 pollen grain of same; 5 female flower with cover petal; 6 female flower, cover petal removed; 7 female fruit cluster, longitudinal section; 8 fruit with cover petal; 9 same without cover petal; 10 same; 11 same in cross-section; 12 same in longitudinal section; 13 seed without hull.



Patient Guide

Applications & Practices

Medical cannabis can be used to treat a wide variety of symptoms to a range of medical conditions and complications. Patients should consult their physician to determine the best treatment plan for their case. NativeCare recommends starting small and in a private safe location.

Chemical Profile

The cannabis plant has over sixty cannabinoids some with opposing effects. The four major compounds, D9-THC, or "delta 9", D8-THC, CBD, and Cannabinol. Delta-9 THC is the most popular and psychoactive out of the cannabinoids providing the well known high that is often associated with cannabis.



Image of the molecular structure of Tetrahydrocannabinol

Cannabis Plant

The cannabis plant is a dioecious plant, meaning there are separate male and female specimens. The flowering parts or buds of the female plant is where the THC is largely located. Male plants and the leaves of the female plants have significantly less THC. The other remnants of the plants have no THC.

CBD VS THC

CBD and THC are both cannabinoids originating from the cannabis sativa plant, but their effects differ. The biggest difference is CBD will not intoxicate the patient. Even though, CBD does not have an intoxicating effect it still has beneficial effects. At high doses, CBD can provide an altogether relaxing effect. It's effects can be similar to stepping out of a sauna or the body high after a long day of strenuous hiking.

THC is the most popular and well known cannabinoid. THC provides a mental and physical high, the intensity of which is dependent upon terpene profiles and the amount of THC consumed by the patient. While THC remains federally illegal, in May of 2014, medical cannabis was legalized in the state of Minnesota.

NativeCare offers a wide range of THC products, CBD products, and as well as hybrid products that include both CBD and THC.

Sativa, Indica, Hybrid

Cannabis is often categorized by three different types of strains: sativa, indica, and hybrid. Sativa strains are energizing while indica strains tend to have a relaxing effect. Hybrid strains are strains that have characteristics of both.

Terpenes

Terpenes are the primary constituents of essential oils and are responsible for the aromatic characteristics of cannabis. Together with the cannabinoids, terpenes have synergic and/or entourage effects and their interactions have only been speculated on for the last few decades. Hundreds of terpenes are identified that allude to cannabis sensory attributes, contributing largely to the consumer's experiences and market price. They also enhance many therapeutic benefits, especially as aromatherapy.

The terpene profile is what defines the unique characteristics of a particular strain. For example, the presence of humulene will contribute to a woody scent and is commonly used medicinally as an appetite suppression and anti-inflammatory.

Warnings and Precautions

According to the Mayo Clinic, medical marijuana use is generally considered safe. The following is list of possible side effects: headaches, dry mouth and eyes, lightheadness and dizziness, drowsiness and/or fatigue.

Other severe complications may include: nausea, vomiting, disorientation, hallucinations, increased heartrate, and/or increased appetite