

## CANNABIS FOR MEDICAL USE – WHAT YOU SHOULD KNOW

- Cannabis for pain relief or associated symptoms.
  - Cannabis may help to relieve chronic pain, cancer pain, breakthrough cancer pain and neuropathic pain.
  - Currently, cannabis plays an important role in the treatment of some of the main symptoms reported by cancer patients, such as insomnia, anorexia, depression, nausea and vomiting.
- Your doctor and Cannabis treatment.
  - Treatment with cannabis is complicated. Its effects on symptoms illness are highly dependent of the method of administration, the dosage and the formulation. Consult a health professional or clinic with experience in treating with cannabis.
  - If you suffer from a health condition, do not take cannabis without your doctors' knowledge and follow-up. You might jeopardize your health or worsen your symptoms.

## CANNABIS DRUG RESEARCH RESULTS ARE CLOSER THAN YOU THINK

### The future of cannabis drug research and what it means.

- To date, very few scientific data highlighting Cannabis beneficial effect on health are available in humans. Most of our scientific knowledge are built on animal studies.
- Therefore, too few cannabis medicines are currently prescribed. There is an urgent need to collect safety and clinical data in humans for cannabis medicines to become part of patient care.
- Cannabis drug research will bring the

evidence requested by the authorities and the physicians to safely treat ill people.

- Successful clinical trials will lead to approval of Cannabis drugs and will bring physician confidence to prescribe cannabis medicines. The cost of the treatment might even be covered by insurance.

### Are you eligible for a clinical trial with cannabis?

- Tetra Bio-Pharma is currently running several clinical trials with cannabis medicine.
- If you have advanced cancer pain with or without symptoms, like depression, anxiety, insomnia and loss of appetite, where available treatment has not given you relief,

OR

- If you suffer of breakthrough cancer pain and opioid treatment doesn't alleviate those rapid and intense events of pain,
- Then you may be eligible for Health Canada approved clinical trials conducted in Canada.
- The cannabis will be administered for free for eligible participants enrolled in the trials, along with compensation.

### For any information related to clinical trials, please contact:

- [cannabisdrugresearch@clinicaltrials.com](mailto:cannabisdrugresearch@clinicaltrials.com)
- Phone number

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## CANNABIS AND YOUR HEALTH.

WHAT YOU NEED TO KNOW TO MAKE AN INFORMED CHOICE!

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Tetra Bio Pharma is a global leader focussed on the discovery and development of cannabis and cannabinoid-based pharmaceutical products.

# WHEN IT COMES TO CANNABIS AND YOUR HEALTH, MAKE AN INFORMED CHOICE

## Introduction

- Cannabis has been used as a medicine for more than 4,000 years. Its beneficial effects have been observed in a large range of indications, such as muscle relaxation, rheumatic and chronic pains, childhood-onset epilepsy and chemotherapy-induced vomiting and nausea.
- Cannabis contains 545 chemical compounds, all with potential medical uses. THC and CBD are the most well-known. THC mediates most of the psychoactive effects, while CBD has been associated with helpful effects such as anti-inflammation and neuro-protection.
- Warning: Cannabis psychotropic effects and potential associated harmful behaviours may put the user and its environment at risk when consumed through ignorance.

## Adverse events

- Cannabis may induce multiple adverse events, among them dizziness, difficulty concentrating, fatigue or tiredness, feeling high, vomiting, nausea, fainting.
- Cardiovascular effects:
  - Tachycardia
  - Hyper or hypotension
  - Increased risk of angina
  - In some cases, cannabis use has been associated with sudden cardiac death, cardiomyopathy, transient ischemic attack, and stroke
- Effects on Central Nervous System:
  - Anxiogenic at high dose, can elicit panic reactions

- Changes of mood
- Decrease in cognitive performance and memory
- Decrease in ability to control drive and impulses
- Alteration of the perception of the reality
- Alteration of time sense
- Cannabis use is counter-indicated in people at risk for schizophrenia, or any unstable psychiatric conditions as it increases the risk to develop psychosis.
- Cannabis use during pregnancy or lactating is not recommended as it may affect neuro and psychomotor development of the foetus/new-born.
- Warning: Combining Tobacco and cannabis appears to have synergistic adverse effects, increasing respiratory symptoms over tobacco use alone.
- Cannabis dependence may occur, especially in weekly users, young users and in serious psychological distress.

## Be responsible when you consume

- Second hand smoke may affect your loved ones, children, and pets. Pay attention to the location where you consume.
- Keep in mind that cannabis use in adolescence may increase the risk to develop psychotic illness later in life. Keep away your cannabis products from children and teenagers.
- You might lose your focus after consumption. Don't engage in any activities that request your attention, judgment or coordination such as driving.

## Is there a difference between recreational cannabis, medical cannabis and cannabis medicine?

- Recreational cannabis aims at inducing psychoactive effects, mainly mediated by THC, without the purpose of treating any diseases.
- Medical cannabis claims to treat pathological conditions but doesn't rely on clinical data nor has been approved by Health Canada.
- Both recreational and medical cannabis are grown in greenhouses. Both will be different from lot to lot, week to week and month to month. The strain and amount that worked once, may not do so again.
- Cannabis medicines are approved by Health Canada and prescribed by physicians to treat specific health-conditions. Cannabis medicines have demonstrated safety and efficacy in clinical trials in humans. Their composition and dosage are specific of the symptoms to be treated. The plant from whom it is extracted is grown in controlled environment to prevent any kind of contamination.

## Is cannabis safe for you?

- Be aware that dosing with cannabis is important. When you take a Health Canada approved medication, the dose is exact. This is not the case with recreational or medical cannabis and you risk taking too much.
- Cannabis is a drug. Like with other drugs, there can be side effects and interactions with other medications you might be taking. Ask a pharmacist or health professional if cannabis can interact with your current medications.
- If you try recreational cannabis and do not feel well, seek professional help.