

The Science Is Clear and Strong:
THC can cause addiction and mental and physical illnesses.

Short-term use

Brain

- Altered senses, including time
- Changes in mood
- Euphoria
- Lethargy
- Hallucinations, delusions, paranoia, psychosis,
- Impaired motor skills
- Difficulty problem solving and thinking
- Impaired memory, learning
- Poor judgment
- Agitation
- Mania, anxiety
- Worsening of PTSD symptoms

Lungs

- Difficulty breathing
- Infections
- toxins in marijuana smoke are similar to tobacco smoke

Heart

- 4.8 Increase risk of heart attack within 60 mins of use
- increased heart rate and blood pressure

Other Systems

- Genetic damage
- impacts on the Endocrine system

Marijuana products are:

- **More Concentrated (Potent)**
- **More Accessible**
- **More Life-Threatening**
- **More Attractive**

than ever before.

References

www.everybrainmatters.org/science

MARIJUANA (THC) EFFECTS

Long-term use

Brain

- Cannabis dependence or addiction (CUD)
- Depression, anxiety, mania
- Chronic psychosis or schizophrenia (CIP)
- Increased risk for suicide
- Reduction in developmental pruning
- Smaller brain regions (hippocampus- memory region)
- Diminished visuospatial functioning, verbal learning, short-term memory, cognitive function, executive function attention, and motor skills
- Stroke

Kidneys

- Kidney failure due to CHS - Cannabinoid Hyperemesis Syndrome

Lungs

- EVALI (vaping injury), bronchitis, emphysema
- Increased risk for cancer

Heart

- Cardiovascular disease
- Heart failure due to CHS

GI System and Pain

- Cyclic vomiting and abdominal pain (Cannabinoid Hyperemesis Syndrome)

Male/Female

- Testicular cancer and sperm count
- Increased developmental and mental disorders in children of mothers who use cannabis when pregnant
- Reproductive issues in males and females

THE EVERY BRAIN MATTERS STORE

We call for a cultural change with the widespread use of our logo to bring visual public awareness that unites us and symbolizes "freedom from marijuana" and promotes optimal brain and environmental health.

"This is not about a War on Drugs.

This is about a Defense of our Brains, the repository of our humanity."

Dr. Bertha Madras

