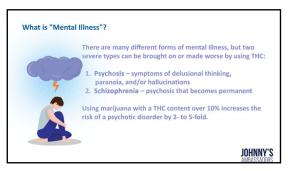
JohnnysAmbassadors.org



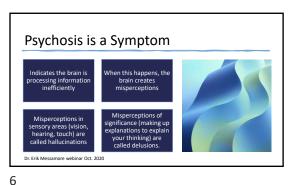




1 2







4 5

Classifying Substances by C. Miller

1. DEPRESSANT: Slows down brain and nervous system activity. Calms nerves, relaxes muscles, and encourages sleep.

• EXAMPLES? ALCOHOL, XANAX, VALIUM

2. STIMULANT: Increases brain and nervous system activity. Makes users alert and encourages activity.

• EXAMPLES? CAFFEINE, NICOTINE, ADDERAL, COCAINE

3. HALLUCINOGEN: Interferes with the brain and nervous system and distorts perceptions of reality (visual hallucinations; seeing things that aren't there).

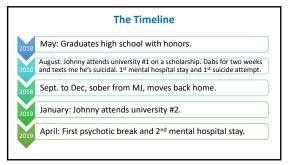
• EXAMPLES? Mushrooms, PCP, DMT (not marijuana!)

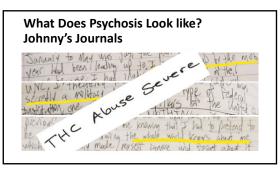
4. PSYCHOTOGENIC: Induces psychosis, including delusions, delirium, and auditory hallucinations (as opposed to just visual hallucinations).

• EXAMPLES? Retamine, PCP, amphetamine, cocaine, methamphetamine, dextromethorphan (cough suppressant), marilusana (especially—but not only—if exposed during early adolescence). DOI: 10.1111/j.1620-0147.7008.07120.2x



7 8 9







10 11 12



The Link Between Marijuana Use and Psychosis/Schizophrenia

Recent research suggests that smoking high-potency marijuana every day could increase the chances of developing psychosis by nearly five times compared to people who have never used marijuana. The amount of drug used, the age at first use, and genetic vulnerability have all been shown to influence this relationship.

Source Differ M, Quintone D, Freman TR et al.

"The contribution of annishing the unitation in the incidence of psychodic diseaser areas targes (EV.) annihilatories case control study. The Lancet 2019;6(1):227-246

84 96 1.356

Related or Mark Section William Control of the Control of T

Pandom
Assignment

10-Year Follow Up

How Many New Cases of Cancer Have We Caused?

"You can't prove marijuana causes psychosis!"

• We can't and don't and will never ethically be able to set up studies to "prove" harmful outcomes from marijuana use like schizophrenia.

• Instead, scientists look for evidence of probable causes.

• We know that smoking cigarettes causes cancer, even though this study has never been done.

13 14 15

Showing Probable Cause

Is it biochemically plausible that marijuana could cause schizophrenia? (yes)

Can we create schizophrenia-like changes in animals by giving them marijuana or by tweaking their cannabinoid system? (yes)

Can we create features of schizophrenia in human volunteers under controlled conditions in the clinical laboratory? (yes)

Is there a relationship between marijuana use and schizophrenia in population studies? (yes)

Does a greater degree of marijiuana exposure correlate with a higher risk of schizophrenia? (yes)

Cannabis Induced
Psychosis (CIP) is
Nothing New!

Quotes from medical
textbooks from the
original medical
marijuana era (from
the mid-19th to early
20th century)

*A Testbook of Materia Medica, Pharmacology, and Therapeutics, 1805

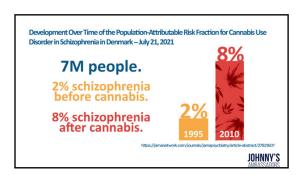
The most common effect, however, is the development of
insanities, which have been known for many years.

*A Testbook of Materia Medica, Pharmacology, and Therapeutics, 1805

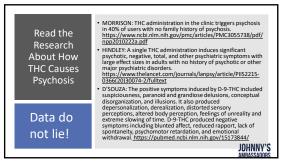
The most common effect, however, is the development of
insanities, which have been known for many years.

*A Testbook of Materia Medica, Pharmacology, and Therapeutics, 1805

**DHNNY'S
SARDERS



16 17 18



CANNABIS-ASSOCIATED PSYCHOSIS

Study of Swedish Conscripts (n=45570)

The study of Swedish Conscripts (n=45570)

Correlation between percentage of hospitalizations with diagnosis of psychosis associated with cannabis use in each census division and Census Division Cannabis Legality Score – January 2022 The Census Division Cannahis Legality Score (1 - 3) was calculated 1.0 as sum of state legality scores weighted by proportion of state 0.8 population in census division. State 0.6 legality scores were defined as: 0.4 1 = illegal or cannabidiol/low potency cannabis 2 = standard medical marijuana 3 = recreational and medical marijuana 0.2 JOHNNY'S

19 20 21



Sir Robin Murray, Johnny's Ambassadors Scientific Advisory Board member, from the London Times, Jan. 7, 2022

High-strength skunk causes about a third of the psychosis cases he sees at his practice in south London. Most involve young people, many of whom suffer debilitating paranoia and hallucinations.

"I think we're now 100 per cent sure that cannabis is one of the causes of a schizophrenia-like psychosis," he said, "If we could abolish the consumption of skunk we would have 30 per cent less patients [in south London] and we might make a better job of looking after the patients we have."

Y VIVIHUL Andazzarma Genetic vs Marijuana Onset Schizophrenia in an Email to Me by Dr. Robin Murray

You can have a heart attack because you have a heavy genetic loading, even if you never eat anything bad.

Even if you have no genetic loading, you can have a heart attack because you eat too much.

It's easiest to have a heart attack if you have genetic loading AND eat too much.

It's easiest to develop schizophrenia because you use a lot of marijuana.

It's easiest to develop schizophrenia if you have genetic loading AND use marijuana.

A comparison of the clinical features of idiopathic psychosis versus Cannabis-Induced Psychosis

Cannabis urine toxicology sometimes positive

Veriable reported cannabis use (25% prevalence of positive cannabis urine toxicology)

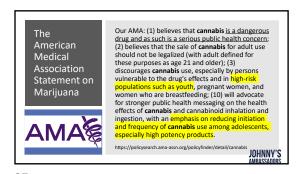
Veriable reported cannabis use (25% prevalence of positive cannabis use within past month positive cannabis use within past month positive (25% prevalence of Symptoms appear bord where y substance use substances use success increase in potency symptoms appear conty during periods of heavy substance use substances use success increase in potency symptoms.

Antipsychotica may image did thing glastimence Antipsychotica may image able or are reduced with drug abstance and pramode delation (eg., festures of an organic psychosis delation).

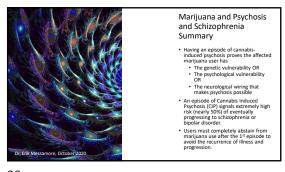
22 23 24



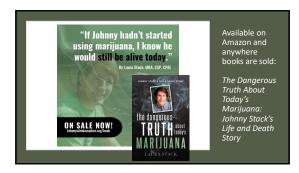
"There is no current scientific evidence that cannabis is in any way beneficial for The the treatment of any psychiatric disorder. American In contrast, current evidence supports, at minimum, a strong association of cannabis **Psychiatric** use with the onset of psychiatric disorders. Association's Adolescents are particularly vulnerable to harm, given the effects of cannabis on **Position** neurological development." Statement in Opposition to Cannabis as AMERICAN Medicine **PSYCHIATRIC** JOHNNY'S ASSOCIATION



25 26 27







28 29 30

Scan This QR Code To Go To Our LinkTree For a Complete List of Free Educational Resources!

Questions? Email me at Laura@JohnnysAmbassadors.org



31