The Problems with Today's High Potency THC from the Perspective of an Addiction Psychiatrist – Following the Science

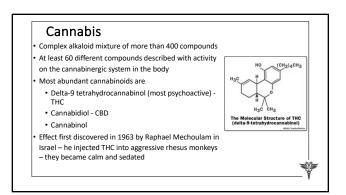
Elizabeth 'Libby' Stuyt, MD Addiction Psychiatrist – Salida, Colorado Presentation for the Illinois Association of Problem-Solving Courts (ILAPSC) Annual Conference Normal, Illinois October 20, 2023

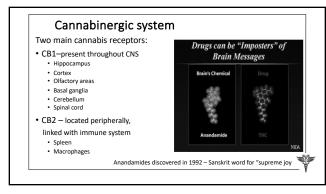
1

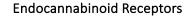
## Disclosures

- I have no financial relationship with any pharmaceutical company, or any part of the alcohol, tobacco or marijuana industries
- I am on the speaker's bureau for the National Marijuana Initiative of HIDTA www.thenmi.org
- I am on the board of IASIC International Academy on the Science and Impacts of Cannabis www.IASIC1.org

Y

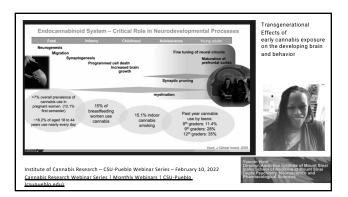






- This is our mood regulatory system CB1 receptors are for anandamides "supreme joy"
- (negative feedback to neurotransmission receptor)
- CB1 receptors regulate the balance between excitatory and inhibitory neuronal activity to achieve homeostasis
- Exposure to cannabis during adolescence disrupts glutamate which plays an important role in synaptic pruning in PFC disrupting normal brain development

Lubman et al. Cannabis and adolescent brain development. Pharmacology and Therapeutics 2015;148:1-16









MASSIVE INCREASE IN THC POTENCY IN COLORADO Research supporting the use of dispensary cannabis for medical purposes is on THC less than 10% THC Content in Colorado 90% 80% 60% 50% 40% 30% 20% (%THC) We have no research that shows high potency products are safe or effective for any medical MEAN THC condition Multiple studies show serious problems with high THC: addiction, psychosis, 0% 1980 1985 1990 1995 2000 2005 2010 2015 202 YEAR depression, anxiety, sleep problems, suicide, violence. Mahmoud A. Elsohiy 2015), and Colorado (2014) Potency Monitoring Program, Supported by NIDA (years 1960 Department of Health and Environment, THC Concentration in Colora The second ina (year 20





- Terminology is important
- Cannabinoid-Based Medication
  - Registered medicinal cannabis extracts with defined and standardized THC and THC/CBD content should be classified as 'cannabis-derived' or 'cannabis-based' medicines
  - · Examples: Epidiolex®, Sativex®, (natural); dronabinol (semi-synthetic); nabilone
- Medical Cannabis
  - Cannabis plants and plant material, flowers, marijuana, hashish, buds, leaves, or full
    plant extracts used for medical reasons The second
  - Poorly regulated and poorly tested for contaminants

# HOUSE BILL 16-1359 - CONCERNING THE USE OF MEDICAL MARIJUANA WHILE ON PROBATION.

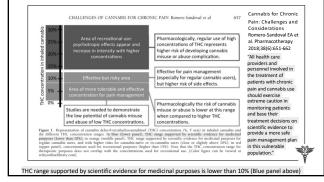
- When granting probation, the court may, as a condition of probation, require that the defendant: (VIII) Refrain from excessive use of alcohol or any unlawful use of controlled substances, as defined in section 18-18-102 (5), or of any other dangerous or abusable drug without a prescription; except that the court shall not, as a condition of probation, prohibit the possession or use of medical marijuana, as authorized pursuant to section 14 of article XVIII of the state constitution, unless:
- (A) The defendant is sentenced to probation for conviction of a crime under article 43.3 o title 12, C.R.S.; or
- (B) The court determines, based on the assessment as required by section 18-1.3-209 ANY MATERIAL EVIDENCE, THAT a prohibition against the possession or use of medical marijuana is necessary and appropriate to accomplish the goals of sentencing as stated in SECTION 18-1-1 02.5;

10

Year	N	%Completion of Program	% Reporting Use of Cannabis	% Reporting Tobacco Use
2014	66/83	80%	73%	88%
2015	62/86	72%	80%	89%
2016	56/85	66%	89%	89%
2019	37/70	53%	95%	91%
'he num :015 – 4 :016 – 9	%	cannabis use disorder as their	primary drug problem increased	significantly over last 5 years

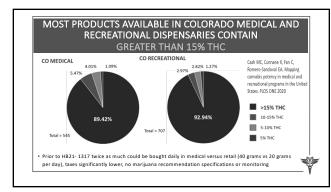
11

# Research supporting the use of smoked cannabis for medical conditions is limited to less than10% THC All studies of smoked medicinal cannabis showing benefit – done with less than 10% THC Whiting PF, Wolff RF, Deshpande S et al. Cannabinoids for medical use a systematic review and meta-analysis. JMMA 2015;313:2456-2473 No legitimate science exists to validate medicinal cannabis greater than 10% THC A study in healthy volunteers on cannabis effects in capsaicin-induced pain found a window of modest analgesia for smoked cannabis. Wallace M et al. Anesthesiology 2007;107:785-796 2% THC provided no benefit 4% THC provided significant pain decrease 8% THC caused increased pain or hyperalgesia



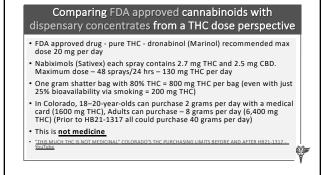






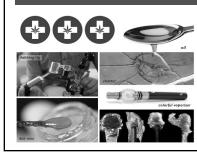








### KIDS AND ADULTS THINK IT'S SAFE BECAUSE IT IS AGGRESSIVELY MARKETED AND SOLD AS MEDICINE



## The use of e-cigarettes and vape devices by youth has rapidly increased, driven in part by marketing and advertising 2019;143(€

Among adolescents reporting use of vape products in Colorado, 50.1% reported using marijuana in the past 30 days versus 7.6% of those not using vape products. NEJM 2019:380:689-690

There has been a significant increase in dabbing and edible use among adolescents in Colorado since 2015. JAMA Pediatrics 2019;173:988-989 Colorado Healthy Kids Survey, 2019

16

#### Cannabis legalization in Colorado has resulted in increasing cannabis use by nregnant women

- Cannabis legalization and cannabis-involved pregnancy hospitalizations in Colorado Wang GS et al. Preventive Medicine 156 (2022) 106993
- In Colorado, there was more than a two-fold increase in cannabis involved pregnancy hospitalizations between 2011 and 2018.
- This increase was highest after sale of recreational cannabis began in 2014.
- Counties with no baseline exposure to medical cannabis had a greater increase than other counties suggesting the presence of the recreational market may influence cannabis use decisions among pregnant individuals. • There are concerns of the impact of cannabis use on the maternal-infant dyad, and specifically on the neurodevelopment of the child.
- Need for tighter regulations and public education to limit use during pregnancy and resources to support cannabis cessation in this population.

17

## Why is this important?

· Prenatal cannabis use increases the likelihood of

- preterm birth
- · low birth weight
- small-for gestational age
- major congenital anomalies
- · prenatally exposed female infants showing evidence of increased susceptibility
- Additional measures are needed to inform the public and providers of the inherent risks of cannabis exposure in pregnancy
- Luke S et al. Cannabis use in pregnancy and maternal and infant outcomes: A Canadian cross jurisdictional population-based cohort study PLOS ONE November 2022

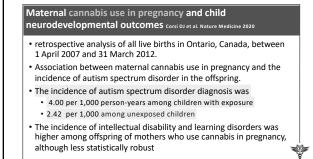
## IQ and Brain Development Studies

- Prospective study of 648 children and exposure to cannabis inutero
- Women interviewed about the amount and frequency of marijuana use at 4 and 7 months of pregnancy and delivery
- $\bullet$  Children assessed with IQ test at age 6
- Examiners blinded to exposure
- In Utero exposure (light to moderate marijuana users, approx. 3x/week) has a significant negative effect on school-age intellectual development

₹¥

Goldschmidt L et al. J Am Acad Child Adolesc Psychiatry, 2008.

19



20

Associations Between Prenatal Cannabis Exposure and Childhood Outcomes Results From the ABCD Study Paul SE et al. JAMA Psychiatry 2020

- cross-sectional analysis of 11,489 children (655 exposed to cannabis prenatally)
- prenatal cannabis exposure after maternal knowledge of pregnancy was associated with greater psychopathology during middle childhood, even after accounting for potentially confounding variables.
- Prenatal cannabis exposure may increase risk for psychopathology
- consistent with recent recommendations by the Surgeon General of the United States, these data suggest that cannabis use during pregnancy should be discouraged by clinicians and dispensaries.

Association of Mental Health Burden With Prenatal Cannabis Exposure From Childhood to Early Adolescence: Longitudinal Findings From the Adolescent Brain Cognitive Development (ABCD) Study

Baranger DAA et al. Research Letter JAMA Pediatrics September 2022
PCE is associated with persisting vulnerability to broad-spectrum psychopathology as children progress through early adolescence. Increased psychopathology may lead to greater risk for psychiatric disorders and problematic substance use as children enter peak

Т.

- periods of vulnerability in later adolescence. • Most significant differences between those exposed and those not exposed
  - Conduct disorder
- Aggressive behavior/rule breaking

22

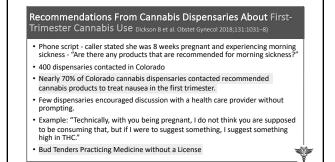
#### Maternal cannabis use is associated with suppression of immune gene networks in placenta and increased anxiety phenotypes in offspring

- Rompala G, Nomura Y, Hurd YL PNAS 2021;118(47) e2106115118
- mCB was associated with increased anxiety, aggression, and hyperactivity in offspring
- Increased hair cortisol levels
- Reduction in normalized HRV
- Reduced immune-related gene expression in placenta
- Reduced proinflammatory cytokines and immune cell-type markers
- These significantly correlated with anxiety problems and hyperactivity

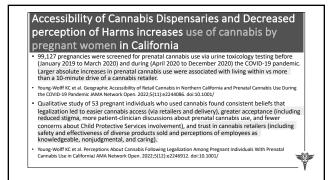
23

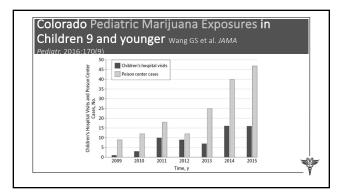
Association of Comorbid Behavioral and Medical Conditions With Cannabis Use Disorder in Pregnancy MeinhoferA et al. JAMA Psychiatry. doi:10.1001/jamapsychiatry.2021.3193

- Cross-sectional study of 20,914,591 female individuals in 35 US states
  Proportion of prenatal hospitalizations involving CUD increased substantially between 2010 and 2018.
- 249,084 (1.19%) involved CUD and 20,665,507 (98.81%) did not.
- Proportion of prenatal hospitalizations involving CUD increased from 0.008 in 2010 to 0.02 in 2018.
- There was a higher prevalence of depression, anxiety, and nausea disorders in prenatal hospitalizations with CUD compared with those without CUD, regardless of concomitant substance use disorders.

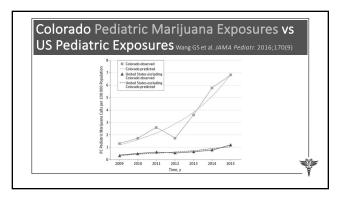




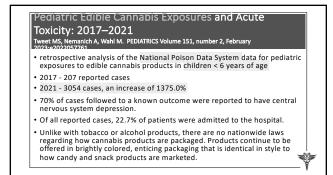


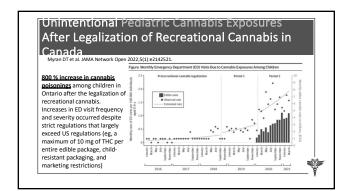


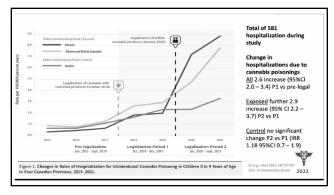






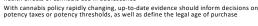




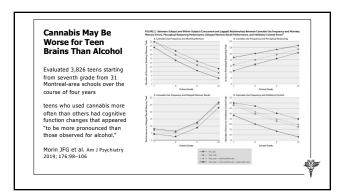




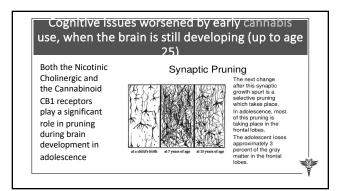
#### Effects of increasing cannabis potency on adolescent health Wilson J, Freeman TP, Mackle CI www.thelancet.com/child-adolescent Vol 3 February 2019 • Problematic cannabis use typically peaks in adolescence — an age group that could be particularly vulnerable to its harmful effects • Cannabis markets are dominated by high-potency cannabis (high in Δ-9tetrahydrocannabinol [THC] and low in cannabidiol), with THC content steadily increasing worldwide • Compared with low-potency cannabis, high-potency cannabis appears to be associated with agreater risk of psychotic symptoms, depression, ankiety, and cannabis dependence • Adolescents only partially titrate their use of high-potency cannabis, which can result in the consumption of high concentrations of THC

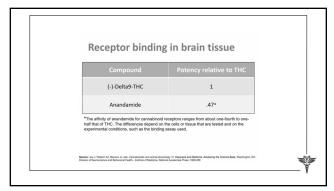


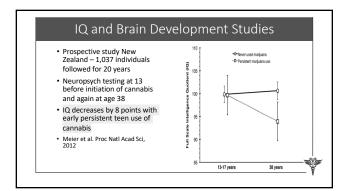
. V

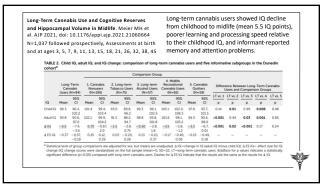




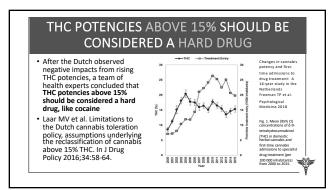


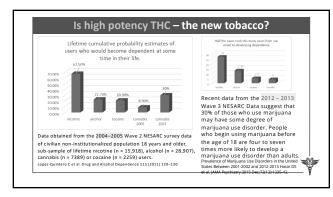


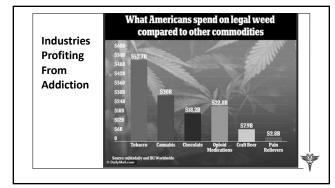


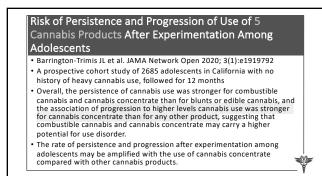


<ul> <li>High-potency THC use is</li> </ul>	NICOTINE	3mg	vs.	20mg
associated with an increased	11001112	Sing	VS.	Zunig
severity of dependence, especially in young people.	ALCOHOL	heer	vs.	Grain alcoho
<ul> <li>High potency =15% THC or higher</li> </ul>	COCAINE			
• Low potency = 5% THC or lower		coca leaf	vs.	cocaine
<ul> <li>Freeman TP and Winstock AR. Examining the profile of high-potency cannabis and</li> </ul>	OPIOIDS	codeine	VS.	Oxycontin
its association with severity of cannabis dependence. Psych Med 2015;45:3181-	CANNABIS			









## Marijuana Withdrawal Syndrome

Patients are often in a near constant state of withdrawal

marijuana products which requires them to use every few

hours to keep withdrawal

impossible for them to quit.

and Preuss, Substance Abuse and Rehabilitation 2017:8 9–37)

Withdrawal symptoms can last

4-6 weeks after cessation (Bonnet

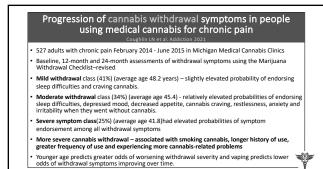
¥

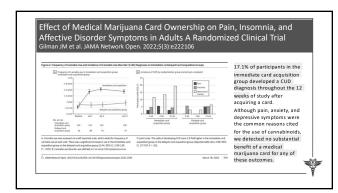
given the short half-life of most

symptoms at bay, often making it

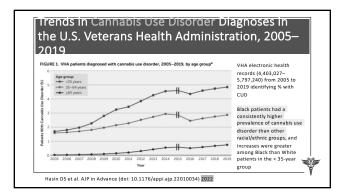
- Increased anger
- Irritability
- Anxiety
- Depression
- Restlessness
- Headache
- Loss of appetite
- Insomnia
- Severe cravings for marijuana

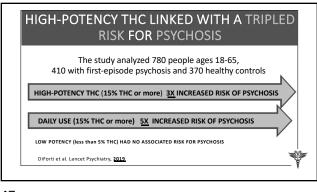
43

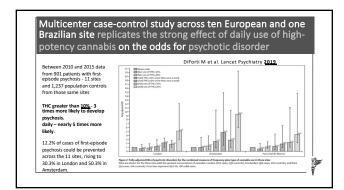


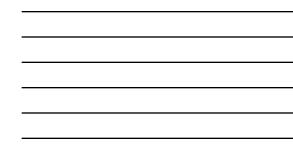


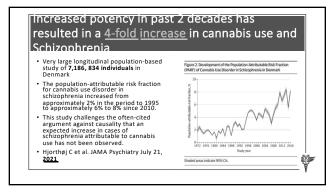


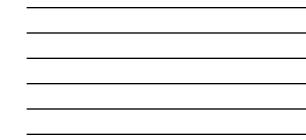


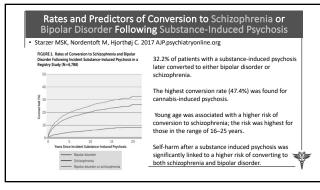


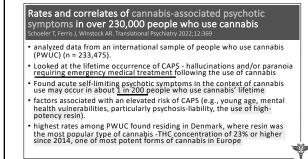










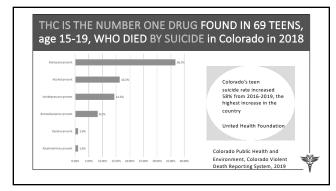


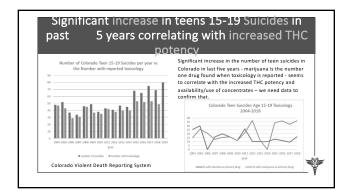
## Suicide and Adolescence Cannabis Use

• Systematic review and meta-analysis

- Eleven studies, N=23,317 adolescents
- Risk of depression OR = 1.4
- Suicidal Ideation OR = 1.5
- Suicide attempt OR = 3.5
- Significantly higher in adolescent cannabis users than in non-users
- Gobbi G et al. Associations of cannabis use in adolescence and risk of depression, anxiety, and suicidality in young adulthood: a systematic review and meta-analysis. JAMA Psychiatry. 2019;76:426-434.

52







US trends in the association of suicide ideation/behaviors with marijuana use among adolescents ages 12–17 and differences by gender and race/ethnicity Flores MW et al. Frontiers in Psychiatry 202310.3389/fpsyt.2022.105

- 2015–2019 data from the National Survey on Drug Use and Health (NSDUH)
- Adolescents between the ages of 12 and 17 (n = 73,986) Past-year marijuana use is a significant risk factor for suicide ideation/behavior among adolescents
- Rates of suicide ideation/behavior increased as the frequency (number of days) of marijuana use increased. No gender differences in any suicide outcomes regardless of marijuana use frequency

- Greater frequency of marijuana use increased risk of suicide ideation/behavior.
- Increase in risk did not vary significantly by race/ethnicity

55

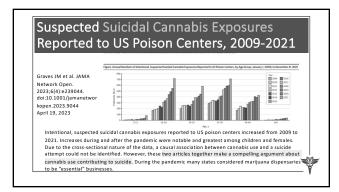
## Association of Cannabis Use With Self-harm and Mortality Risk Among Youths With Mood

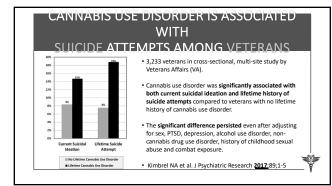
- Disorders Fontanella CA et al. JAMA Pediatrics 2021
- A population-based retrospective cohort study was performed using Ohio Medicaid claims data linked with death certificate data. The analysis included 204,780 youths (aged 10-24 years) with a diagnosis of mood disorders between July 1, 2010, and December 31, 2017, who were followed up to 365 days from the index diagnostic claim until the end of enrollment, the self-harm event, or death.
- Cannabis use disorder is common among adolescents and young adults with mood disorders and is associated with an elevated risk of self-harm, overall mortality, and death by unintentional overdose and homicide in this already vulnerable population ÿ

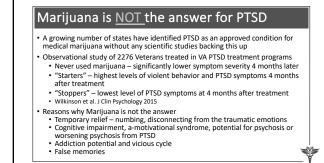
56

Suspected Suicide Attempts by Self-Poisoning Among Persons Aged 10–19 Years During the COVID-19 Pandemic – United States, 2020–2022 Morbidity and Mortality Weekly Report/ April 21, 2023 In 2020, suicide was the second leading cause of death among persons aged 10–14 years and the third leading cause among those aged 15–24 vears. National Poison Data System Suspected suicide attempts by self-poisoning among persons aged 10–19 years increased 30.0% in 2021 as compared with prepandemic rates (2019) • 73.0% increase among children aged 10-12 years 48.8% among adolescents aged 13–15 years

- · 36.8% among females
- acetaminophen, ibuprofen, sertraline, fluoxetine, and diphenhydramine the substances most frequently involved -







# RCT of cannabis for PTSD failed to show any benefit over placebo Bonn-Miller MO et al. PLOS ONE 2021

- randomized, double-blind, placebo-controlled, crossover trial of smoked cannabis containing three different concentrations of THC and CBD, and placebo = High THC = approximately 12% THC and < 0.05% CBD) + High CBD = 11% CBD and 0.50% THC; THC+- CBD = approximately 7.9% THC and 8.1% CBD, and placebo = < 0.03% THC and < 0.01% CBD, and placebo = < 0.03% THC and < 0.1% CBD, and placebo = < 0.03% THC and < 0.1% CBD, and placebo = < 0.03% THC and < 0.1% CBD, and placebo = < 0.03% THC and < 0.1% CBD, and < 0.05% CBD, and placebo = < 0.03% THC and < 0.01% CBD, and <0.01% CBD, and <0.01%
- grams/daylfor the three-week ad libitum treatment period • Total cannabis withdrawal symptoms averaged in the moderate range for all treatment groups at the start of Stage 1 (despite two weeks of abstinence prior to randomization), then generally reduced to the mild to moderate range by the end of treatment in Stage 1. Participants who received High THC in Stage 1 reported a significant increase in withdrawal following one week of cessation from Stage 1 treatment, which averaged in the moderate range following cessation
- This study failed to find a significant group difference between smoked cannabis preparations containing High CBD, High THC, and THC+CBD against placebo in gread to their impact for PTSD symptoms

61

#### Short and Long-Term Effects of Cannabis on Symptoms of Post-Traumatic Stress Disorder LaFrance EM et al. J Affective Disorders 2020;274:298-304

- Anonymous data from Strainprint<sup>®</sup> for 404 medical cannabis users who selfidentified as having PTSD and who used the app to track symptoms of intrusive thoughts, flashbacks, irritability, and anxiety.
- Users indicate the strain of cannabis that they are about to use as well as the producer/distributor of that strain by choosing from a selection of over 3,000 cannabis products sold in Canada.
- Results indicate that acute cannabis intoxication provides temporary relief from intrusions, flashbacks, irritability, and anxiety. However, baseline PTSD symptom ratings did not change over time, and they detected evidence that people used higher doses to manage anxiety over time, which may be indicative of the development of tolerance to the drug.
- Collectively these results indicate that cannabis may reduce PTSD symptoms in the short-term but may not be an effective long-term remedy for the disorder.

62

# Frequent cannabis use worsens PTSD symptoms in Veterans

- Hill ML et al. (2022). Cannabis use among U.S. military veterans with subthreshold or threshold posttraumatic stress disorder: Psychiatric comorbidities, functioning, and strategies for coping with posttraumatic stress symptoms. Journal of Traumatic Stress, 35, 1154–1166
   2019–2020 National Health and Resilience in Veterans Study (NHRVS)
- 4,069 U.S. military veterans
  Compared with veterans who did not use cannabis or used it infrequently, those who used cannabis frequently were roughly twice as likely to screen positive for co-occurring MDD, GAD, and SI; showed small-to-moderate decrements in cognitive functioning; and were 2–6 times more likely to endorse using avoidance strategies as a primary means of managing their PTSD symptoms.

Trends in emergency department visits associated with cannabis use among older adults in California, 2005–2019

- Retrospective cohort study of adults aged 265 2005 through 2019 from all non-federal acute care hospitals across the state of California
- The cannabis-related ED visit rate increased significantly for adults aged ≥65 and all subgroups (p < 0.001)
- 20.7 per 100,000 visits in 2005 to 395.0 per 100,000 ED visits in 2019, a 1804% relative increase
- Adults aged 75–84 had the largest relative percent change with a 2208.3% increase
- Older Black adults had the highest ED visit rate in 2019 and the largest absolute increase while older males had a higher ED visit rate in 2019 and a greater absolute increase than older women

64

## Drug: Drug Interactions with Cannabis

- ASRA pain medicine consensus guidelines on the management of the perioperative patient on cannabis and cannabinoids. Shah S et al. Reg Anesth Pain Med 2023;0:1–21. doi:10.1136/rapm-2022-104013
- All patients should be questioned about cannabinoid use, dose and frequency, route of administration, and time of last use
- Cannabinoids can produce significant physiologic changes and can potentially interact with anesthetics that can lead to complications
- Patients taking cannabinoids preoperatively may also report increased postoperative pain levels, which could affect perioperative management.
- In the perioperative setting, special attention should be paid to potential cannabinoid interactions with warfarin, direct oral anticoagulants, and clopidogrel – but there are many more drug: drug interactions

65

# Persistency of cannabis use predicts violence following acute psychiatric discharge

- 1,136 recently discharged psychiatric patients followed at 4 10-week time intervals and evaluated for marijuana, alcohol and cocaine use as well as episodes of violence (1992-1995)
- Persistency of cannabis use was associated with an increased risk of subsequent violence, significantly more so than with alcohol or cocaine

• Dugre et al. Frontiers in Psychiatry 2017;8:176

# Cannabis use is a significant risk factor for violent behavior in early phase psychosis

- 265 patients with early psychosis followed prospectively for 36 months – dichotomized based on presence or absence of violent behavior
- Cannabis use disorder was the strongest risk factor of violent behavior
- CUD in 61% of patients with VB, 23% in those with no CUD
- Age of onset of cannabis use 15 in violent patients vs 17 in nonviolent patients

- Ja

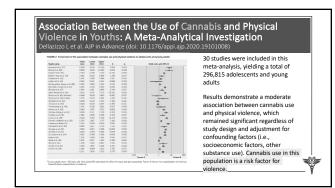
- Cannabis use linked to impulsivity and lack of insight
- Moulin V et al. Frontiers in Psychiatry 2018

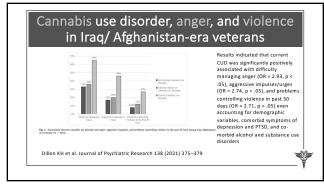
67

# Persistent cannabis use as an independent risk factor for violent behaviors in patients with schizophrenia

- Beaudoin M et al. npj Schizophrenia (2020) 6:14 ; <u>https://doi.org/10.1038/s41537-020-0104-x</u>
- 1460 patients enrolled in the trial, 965 were followed longitudinally.
  Persistent cannabis use predicted subsequent violence.
- Persistent cannabis use predicted subseq
- Violence did not predict cannabis use.
- The relationship was unidirectional and persisted when controlling for stimulants and alcohol use.

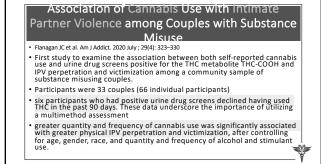
 As cannabis is an important risk factor for violence in the schizophrenia population, its consumption should be considered separately from that of other drugs when assessing and managing risks in clinical and in legal settings

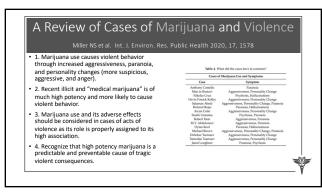


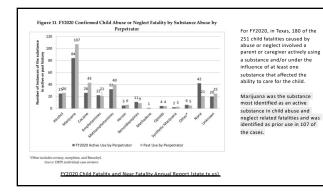




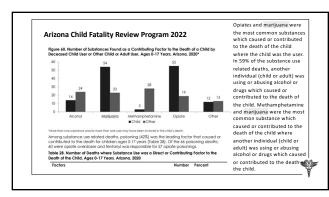


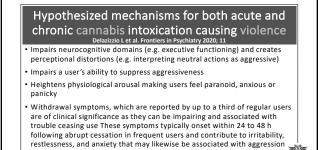




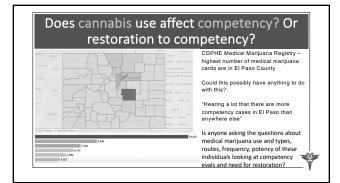




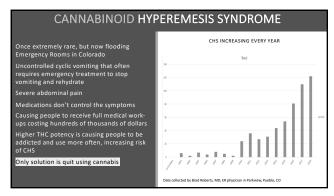




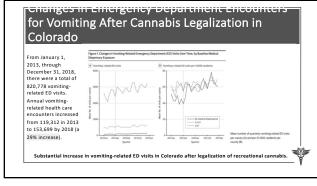
The second



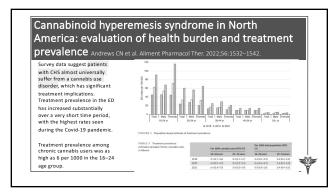




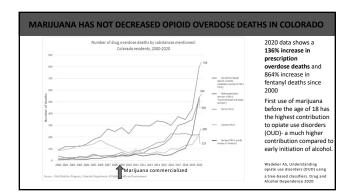














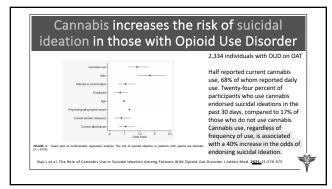
### Cannabis is **NOT** the solution to the opioid epidemic

• Bachhuber MA et al. JAMA Intern. Med. 2014:174:1668-1673

- Study canabis industry likes to refer to
   Found that states with medical canabis laws had a lower-than-expected opioid overdose
   mortality rates from 1999-2010
- Estimated 24.8% reduction in deaths per 100,000 population
   "proof that expanding cannabis laws would reverse the opioid epidemic"
- Shover CL et al. PNAS 2019:116:12624-12626
- Used the same methods to expand the analysis through 2017
  Between 2010 and 2017, 32 states enacted medical cannabis laws
- · Initial findings did not hold over the longer period but reversed direction
- States with medical cannabis law had a 22.7% increase in opioid overdose deaths

¥

82



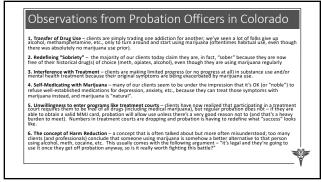


### What Colorado HB21-1317 accomplished

- Tangible Educational Resource Requirement handout listing RISKS AND PRECAUTIONS
- WARNING: Use of Marijuana Concentrate may lead to:
  - 1. Psychotic symptoms and/or Psychotic disorder (delusions, hallucinations, or difficulty distinguishing reality)
     2. Mental Health Symptoms/Problems

  - Cannabis Hyperemesis Syndrome (CHS) (uncontrolled and repetitive vomiting)
     Cannabis use disorder / dependence, including physical and psychological dependence.
- Concentrate Serving Size: .
- Limits on concentrates 2 grams per day 18-20, 8 grams per day for adults (previously was 40 grams per day for all with medical card) ۳Ų

85



86

## We Need Better Data

- There are currently 75,000 people on probation in Colorado. How many of them have medical marijuana cards?
- What is the route/potency/dosage/frequency of THC they are using? · How has the use of THC impacted their ability to complete requirements of probation/parole/competency restoration?
- Has the doctor recommending medical marijuana followed the
- requirements of HB21-1317? Are they following the science?
- The Colorado Task Force Concerning the Treatment of Individuals with Behavioral Health Disorders in the Criminal and Juvenile Justice System (BHDCJS) - Medical Marijuana Subcommittee · Working on ways to obtain the data necessary to answer these questions

Т.

## Sample Survey Questions

- Aurora Municipal Court Probation Medical Marijuana Survey
- This information will be used only for research
- Do you have a Red Card (approval to use Medical Marijuana)?  $\Box$  No  $\Box$  Yes • If yes, when did you get it? Month: \_\_\_\_\_ \_Year:
- Date of first Red Card: Month: Year:
- If yes, what medical cannabis products do you use (please check all that apply)? 
  Edibles 
  Flower/Bud 
  Shake 
  Wax 
  Shatter 
  Dab 
  Hash Oil

ÿ

• If yes, do you use THC potency higher than 10%? □ No □ Yes □ Unknown

88

## Barriers to better understanding the issues

- Judges approve use just based on the fact a doctor recommended it. Presentencing Investigative reports very rarely done by a certified addiction counselor or equivalent
- Probation officers and treatment providers often recognize that the client's use of medical marijuana is negatively affecting their ability to complete the requirements of their probation/treatment.
- However, they are not empowered to do anything about it and treatment providers fear being sued when they try to say anything about it.

89

### **Recommendations**

- Establish criteria for treatment providers working with those court ordered to treatment • Require therapists to have all clients who plan to get red cards or have red
  - cards when they first see the therapist assigned to them, sign releases of information for both the physician who has recommend the red card and for the treating physician. This allows a full transparency of the justifiable need for medical marijuana

  - Inis allows a full transparency of the Justinable need for medical marijuana and what type is being recommended
     If the treating physician has reasons why it should not be used, this should be brought to the attention of the court.
     If the treating physician believes they would benefit from THC they should have a prescription for an FDA approved THC medication, not using dispensary cannabis, while in court ordered treatment. -

