
School Nurse Meeting

Marijuana Related Exposure Cases

January 19, 2023

Agenda

Products, Potency & Labeling

Poison control data & Delta 8 THC

Rady's data

Drug interactions

Resources



We all saw this
coming!

Children's Hospital Colorado

- The most common overdose incidents in children occur when the drug has been combined with food in an "edible" form of marijuana. This is because marijuana ingested in this manner can have a stronger and prolonged effect, especially in children under the age of 12 years old.

In these instances, kids mistake "edible" marijuana (like gummy bears, brownies, lollipops, etc.) for regular food and eat it unknowingly.

- Small children are at higher risk based on their size and weight. Because edible products have very high amounts of marijuana, the symptoms are more severe on a small child. Many young children who consume marijuana edibles require hospital admission due to the severity of their symptoms.

The screenshot shows the homepage of the Children's Hospital Colorado website. The top navigation bar includes links for RSV, COVID, Cold and Flu Season Alert, Careers, Healthcare Professionals, Contact, Locations, MyChart, Schedule an Appointment, and Donate. Below this is the hospital's logo and a secondary navigation bar with links for Doctors & Departments, Conditions & Advice, Your Visit, Community, Research & Innovation, and a search icon. The main content area features a large blue banner for 'Acute Marijuana Intoxication' with a quote: 'Kids aren't just mini adults. In fact, they're incredibly different. That's why they need incredibly different care.' To the right of the banner is a 'BEST CHILDREN'S HOSPITALS' award badge from US News & World Report, 2022-23. Below the banner, there are two columns of text. The left column is titled 'Get Care Now' and contains the text 'From emergency to urgent care to 24/7 pediatric advice, we're here to help in the heat of moment.' followed by a link 'See your care options →'. The right column is titled 'Get Care' and contains the text 'Need urgent or emergency care?' followed by a link 'Find the closest location' and a phone number '1-855-543-4636'. At the bottom, there is a section titled 'What is marijuana?' with a brief definition: 'Marijuana* (also known as cannabis, weed or pot) is a plant that is commonly used for its psychoactive effects. It is also used medicinally for conditions like chronic pain, cachexia and seizures.'

Number of young children who accidentally ate cannabis edibles jumped 1,375% in five years, study finds

By Jen Christensen and Sandee LaMotte, CNN
Published 12:02 AM EST, Tue January 3, 2023



Video Ad Feedback

More people use weed than tobacco in the US, new poll reveals

03:29 - Source: CNN

(CNN) — In just five years, the number of small children in the US exposed to cannabis after accidentally eating an edible rose 1,375%, a new study says.

There were more than 7,040 exposures to edible cannabis in kids under 6 between 2017 and 2021, according to an analysis of records from the [National Poison Data System](#), a central repository for data from America's Poison Centers.

JAMA Network

JAMA Pediatrics

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Viewpoint

October 10, 2022

The Continued Rise of Unintentional Ingestion of Edible Cannabis in Toddlers—A Growing Public Health Concern

Alexandra Van Oyen, DO^{1,2}; Elise Perlman, MD³; Mark K. Su, MD, MPH^{2,4}

» Author Affiliations

JAMA Pediatr. 2022;176(11):1068-1069. doi:10.1001/jamapediatrics.2022.3530



A 2-year-old boy presents to the pediatric emergency department (ED) for altered mental status. Prior to arrival, he was with his babysitter in a normal state of health. After questioning, the babysitter mentions rewarding him with a gummy candy for good behavior. The parents admit they have edible cannabis stored in the cupboard that looks exactly like his favorite treats, gummy bears.

Almost a decade after the first states legalized the use of recreational marijuana and cannabis, health care professionals have treated countless cases of children who unintentionally ingested edible cannabis products that were not stored safely. Cannabis is the third most commonly used psychoactive substance worldwide, with use continuously rising in the US adult population.¹ In 2019, 18% of individuals in the US reported having used cannabis products at least once.¹ As use of cannabis continues to be decriminalized and legalized across the US for adults aged 21 years and older, there has been a concurrent increase in unintentional ingestion of cannabis edibles among children, which raises a significant public health concern.¹ The increase in these unintentional in-

More psychoactive

- Bud upwards of 30%THC
- Edibles and Vapes 90% THC
- Many dispensaries do not sell products less than 50% THC

The screenshot shows the 8NEWS NOW website interface. At the top, there's a blue navigation bar with links for Live Stream, News, #8NN Investigators, Weather & Traffic, Sports, Las Vegas Now, Community, and More. A search bar is on the right. Below the navigation bar, a weather alert banner reads: "WEATHER ALERT Winter Storm Warning: Esmeralda and Central Nye County, Sheep Range, Spring Mountains-Red Rock Canyon". Below the alert is a Westinghouse WGen9500 Generator advertisement. The main content area features a local news article titled "Higher potency in cannabis sending consumers to emergency room" by Brian Loftus, posted on Nov 28, 2022. To the right of the article is a video player showing a NewsNation segment with four women's faces, with a "Banfield" logo and "WEEK NIGHTS 10p-9c" text. The video player has a "TO END [NEWSNATION] GO TO NEWSNATIONNOW.COM/JOINUS" button.

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WEATHER ALERT
Winter Storm Warning: Esmeralda and Central Nye County, Sheep Range, Spring Mountains-Red Rock Canyon

1 MORE ALERTS

Westinghouse WGen9500 Generator
Ideal for emergency home backup or as a portable power source
LEARN MORE

LOCAL NEWS

Higher potency in cannabis sending consumers to emergency room

by: Brian Loftus
Posted: Nov 28, 2022 / 06:06 PM PST
Updated: Dec 2, 2022 / 07:37 PM PST

Advertisement. Your video will resume in 12 seconds.

NEWSNATION

Banfield
WEEK NIGHTS 10p-9c

TO END [NEWSNATION] GO TO NEWSNATIONNOW.COM/JOINUS

Adult use of edibles

- Can take longer to feel the effects.
- Edibles generally contain higher amounts of THC.
- In some cases, users report highs from 8 hours to a day.
- Can interact with driving and prescription meds.



Mouthing for babies

- Babies feel things with lips and tongue, texture, taste, shapes
- Relieving pain of teething
- Explore the world
- Self soothing






What happens when children eat THC products?

- Children are drawn to sweet cookies, candies and baked goods.
- Once out of the package no way of knowing what is inside.

Increasing poison control calls and ER visits, the result of allowing food products to be marketed and sold with harmful unseen chemicals inside.

A young child with blonde hair is shown from the chest up, holding a clear glass bowl filled with colorful, round candies. The child is looking down at the bowl with a focused expression. The bowl is tilted, and some candies are visible falling out. The background is a plain, light-colored surface.

THC poisonings have variety of symptoms.

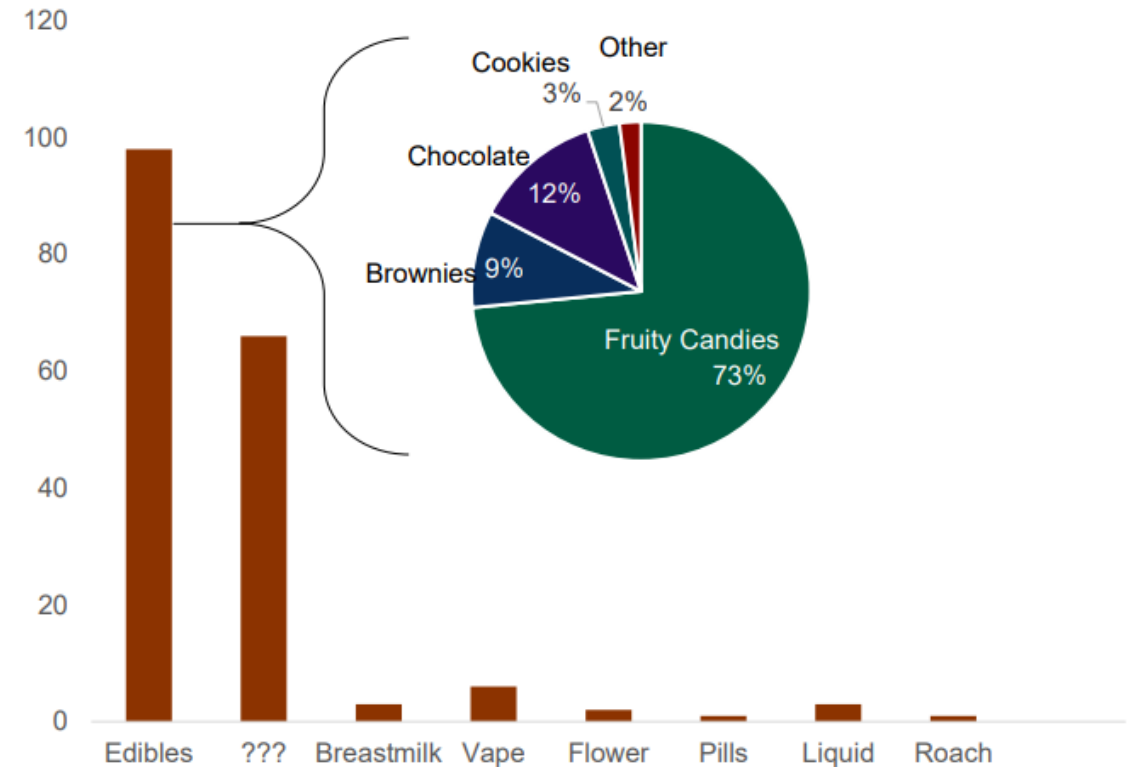
- Seizures
- Sleepiness
- Confusion/Panic
- Heart issues
- Upset stomach
- Mistaken for other illicit drugs

What products are driving the increase?

- Fruit candies
- Chocolates
- Vape/juice

Analysis of THC Positive Urine at RCHSD from 2014-2022
Preliminary Data and Trends Alexandra Dubinin and Dr.
Natalie Laub

**Reported THC Formulation Among THC+ Utox Patients at RCHSD
(2014 – 2022)**





Marijuana can be infused in any
food, lotion or drink.

The gummies and other colorful candies are driving
the cases of unintentional poisonings locally.

This is for legal and tested
products from licensed
businesses!

- CA symbol for recreational product.
- The label must list the cannabinoid content in percentages (e.g. THC: 18%; CBD: 1.5%). All products must include the THC and CBD content per package. Edibles and concentrates with designated serving sizes must also list the THC and CBD content per serving.

For more info -

<https://www.gaiaca.com/california-cannabis-labeling-requirements/>





Recreational Use: A retailer may sell up to 1 ounce of marijuana flower, or 8 grams of concentrate, or 800-milligram servings of edible product, or more than 6 seeds in a day to a customer.

Black Market products

Does the label match the contents?



**THIS CONTENT
IS NOT AVAILABLE**

CALIFORNIA

California's legal weed industry can't compete with illicit market

Local government opposition, high taxes and competition from unlicensed businesses are complicating the state's push to build a thriving legal market.



California's cannabis law lets local officials decide whether to open the door to cannabis or slam it shut. So far, most are opting for the latter. | Justin Sullivan/Getty Images

By **ALEXANDER NIEVES**
10/23/2021 07:00 AM EDT



The illegal
market that
never goes
away!



Public Health Related Marijuana Data



5 Reasons for marijuana related hospital visits

- Drug Interactions
- Accidents/Injury
- Cannabis Hyperemesis
- Mental Health
- **Poisonings**

Local ER visits

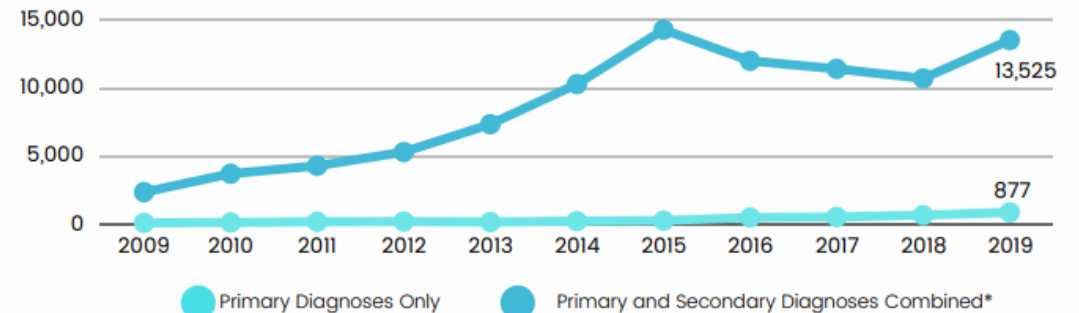


37

ER visits a day in San Diego County hospitals related to marijuana.

Marijuana-Related Emergency Department Discharges⁷

Number of Emergency Department (ED) Discharges for Marijuana-Related Diagnoses in San Diego County, 2009-2019



690% increase

in ED discharges with marijuana listed as a **primary diagnosis**, from 111 in 2009 to 877 in 2019.



473% increase

in ED discharges with **marijuana as a primary or secondary diagnosis combined**, from 2,362 in 2009 to 13,525 in 2019.

*Indicates cases where either the primary or secondary diagnosis upon discharge was marijuana-related. For most secondary cases, individuals came into the ER for something else (e.g., broken arm, injury, flu, etc.) and cannabis use was added as a secondary diagnosis. In these cases, the drug use may or may not have contributed to the reason for the ER visit

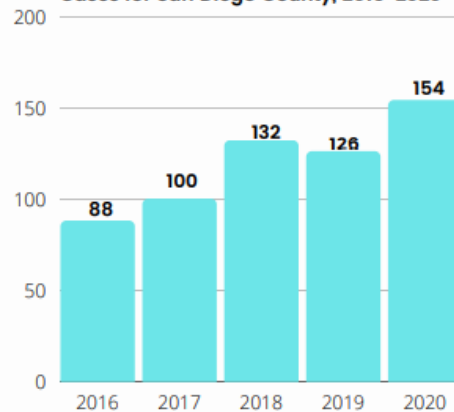
CA Poison Control

- 75% Increase in marijuana poison control cases in SD County since 2016 (Prop 64).
- 242% increase since 2011.

San Diego County Poison Control Data⁶

The below graph displays the number of unduplicated cases handled by the California Poison Control Center for calls related to marijuana exposure from persons living in San Diego County. Each year displayed includes all persons of any age and dispositions/outcomes for the cases, including cases "resolved on-site" (i.e., from the location of the call), "treated/released from health care facility," and "admitted to health care facility."

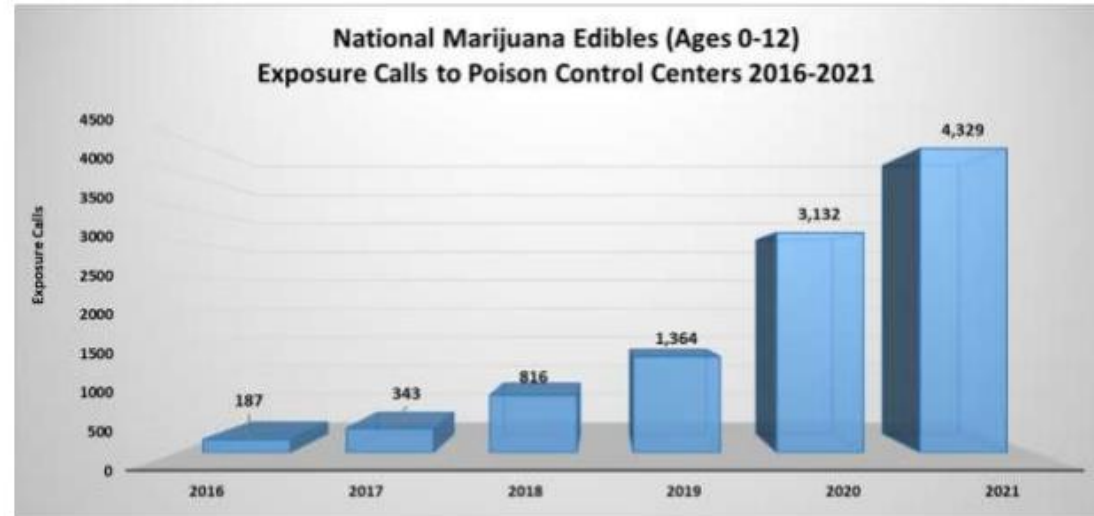
Number of Marijuana Human Exposure Cases for San Diego County, 2016-2020



75% increase

in marijuana exposure cases in San Diego County handled by the California Poison Control Center since 2016.





Source: Association of Poison Control Centers

Note: Data collected as of June 6, 2022. Numbers may change as cases are closed or additional information is received.

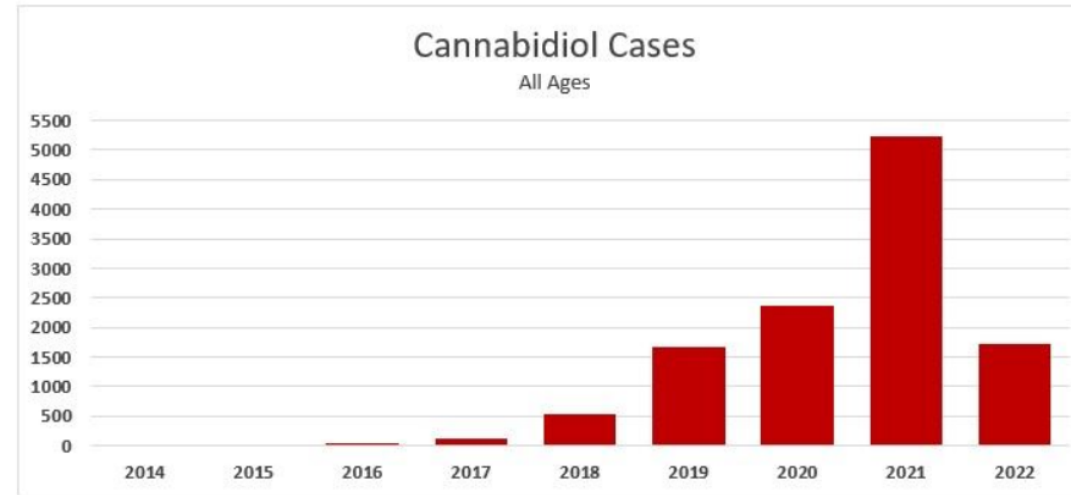
- ❖ National marijuana edibles exposure calls for ages 0-12 from 2016 (187) to 2021 (4329) has increased by 2215%.

National Poison Control

- Poisoning calls for marijuana edibles
- Cases increased during Covid lockdown

National Poison Control Cases CBD

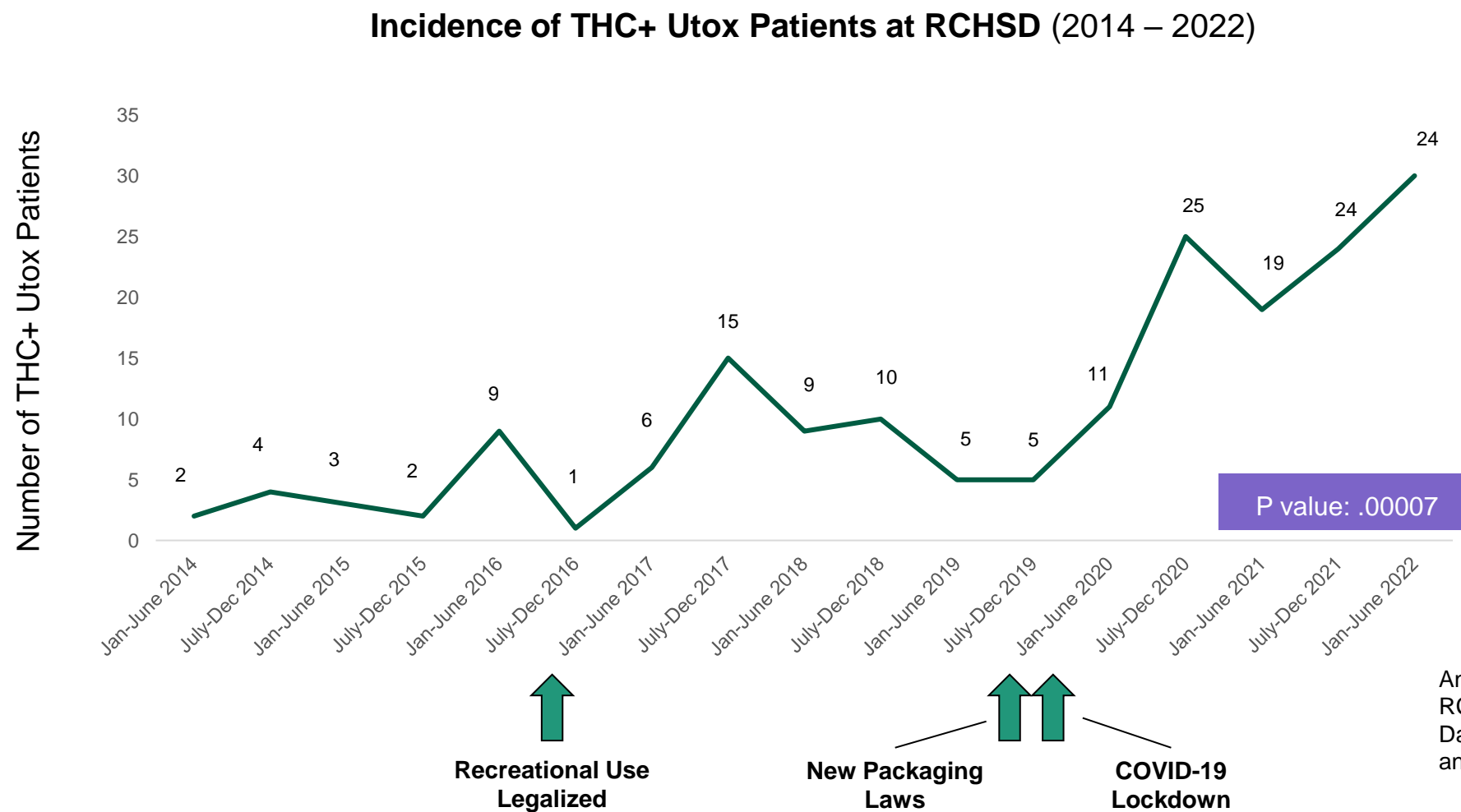
As of March 31, 2022, poison control centers have managed 1,717 cases in 2021 related to cannabidiol.



FOR THE MEDIA:

Please cite this data as “National Poison Data System, American Association of Poison Control Centers.” Any and all print, digital, social, or visual media using this data must include the following: “You can reach your local poison control center by calling the Poison Help hotline: **1-800-222-1222**. To save the number in your mobile phone, text POISON to 797979.” Email media@aapcc.org or call 703-894-1863 for more information, questions, or to submit request data.

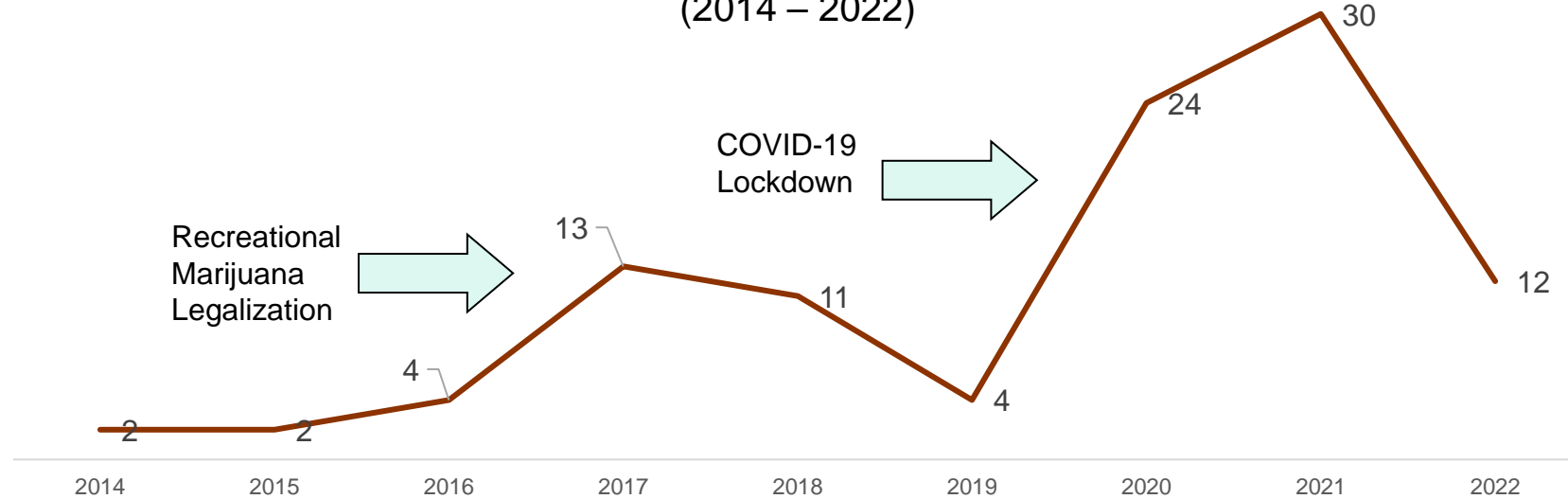
THC Positive Urine Toxicology Encounters at Rady Children’s from Jan 2014- June 2022



Analysis of THC Positive Urine at RCHSD from 2014-2022 Preliminary Data and Trends Alexandra Dubinin and Dr. Natalie Laub

Home exposure summary – Courtesy of Rady's Children's

Reports of “Home” Exposures Among THC+ Utox Patients at RCHSD
(2014 – 2022)



Analysis of THC Positive Urine at RCHSD from 2014-2022 Preliminary Data and Trends Alexandra Dubinin and Dr. Natalie Laub

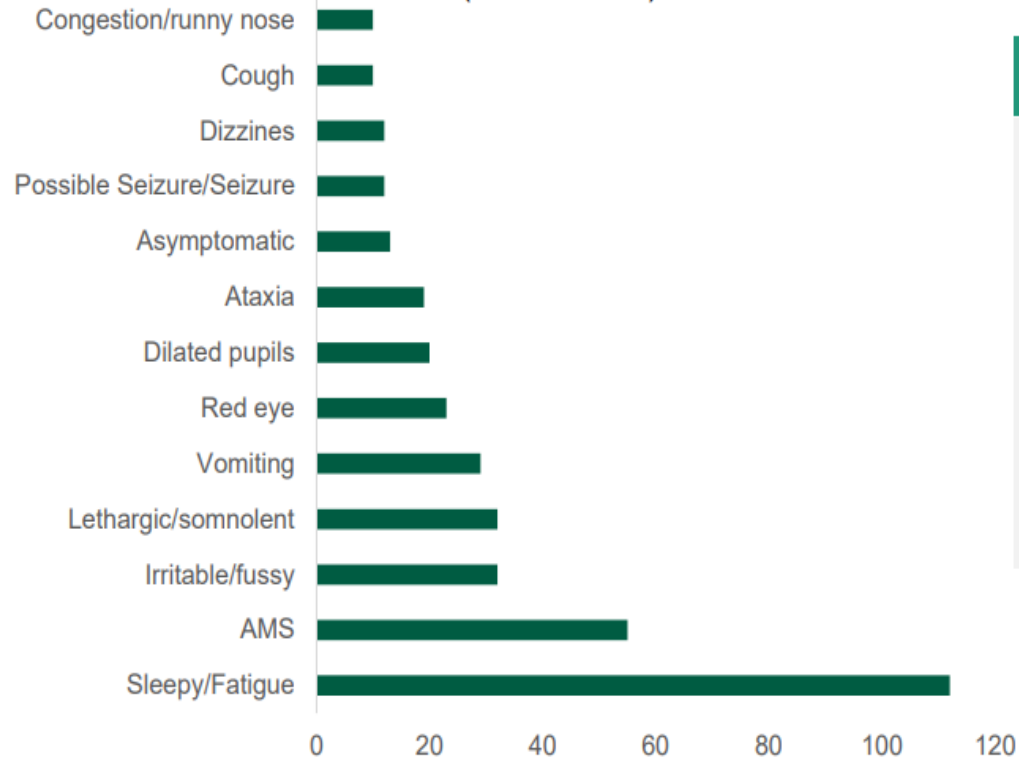
Summary of cases:

- Whose marijuana – Mom
- What type of marijuana product – Edibles (fruity candies/gummies)
- Where did the exposure occur – Home
- How children present - Heart arrhythmia, altered mental status, fatigue, fussiness, vomiting.
- 10% of the cases were so severe they required stays in the pediatric intensive care unit.



Symptoms Reported

Symptoms Reported Among THC+ Utox Patients at RCHSD
(2014 – 2022)



Symptoms

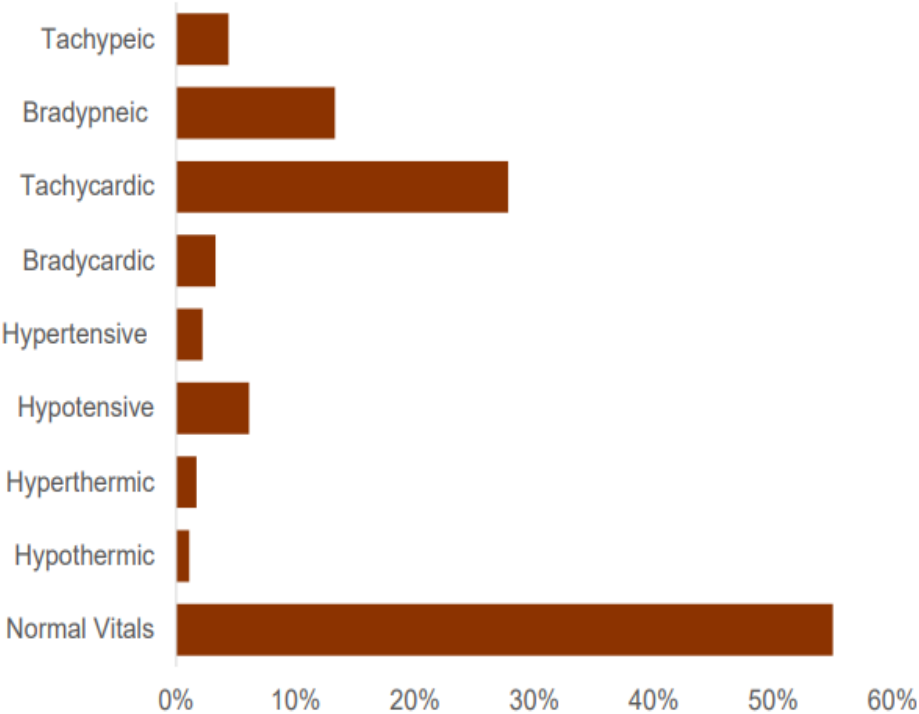
- Overall, the most common symptoms included fatigue, altered mental status, fussiness, lethargy, vomiting, and ocular symptoms
- Symptoms reported in <5% included hypotonia, hallucinations, slurred speech, increased oral intake, nystagmus, difficulty breathing, diaphoresis, headache, clonus, lip cyanosis, abnormal coordination, and joint swelling
- 13 out of 180 children were asymptomatic

Symptoms Reported

Chief Concern
<ul style="list-style-type: none">- 45% Ingestion/Drug overdose- 31% Altered Mental Status- 11% Fatigue
Vital Signs
<ul style="list-style-type: none">- Overall, >50% of children had normal vitals- Tachycardia and Bradypnea were the most common irregularities seen



Vital Signs of THC+ Utox Patients at RCHSD



Exposure Cases and Child Protective Services



In California from 2010 to 2020 the number of cannabis exposure calls to California Child Protective Services (CPCS) more than tripled despite a total population increase of only 6.1% and a consistent number of CPCS calls throughout this time.

What is Delta 8
THC?



**DELTA-8 THC
HAS SERIOUS
HEALTH RISKS**



Emergency Preparedness and Response

[Resources for Emergency Health Professionals](#) > [Health Alert Network \(HAN\)](#) > [HAN Archive](#) > 2021



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Increases in Availability of Cannabis Products Containing Delta-8 THC and Reported Cases of Adverse Events



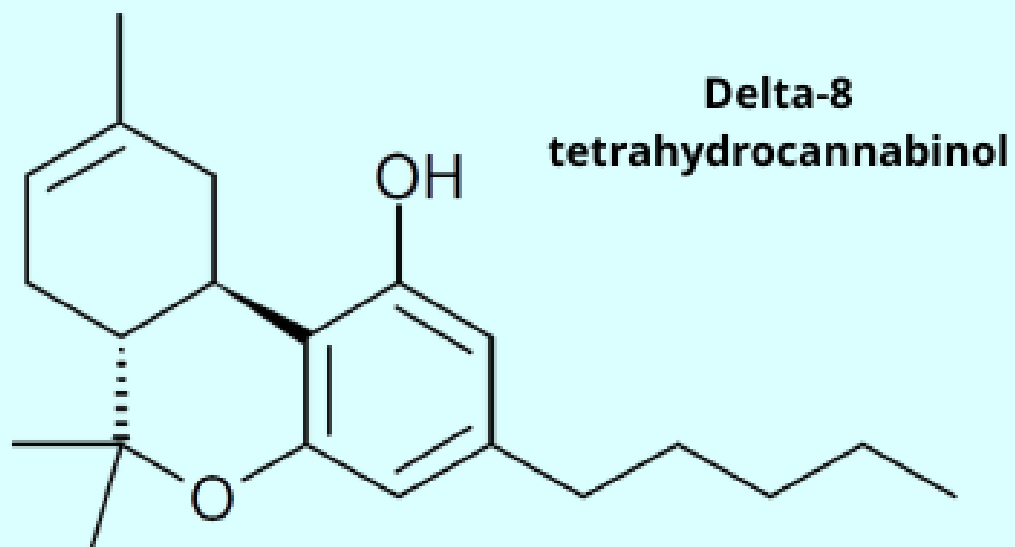
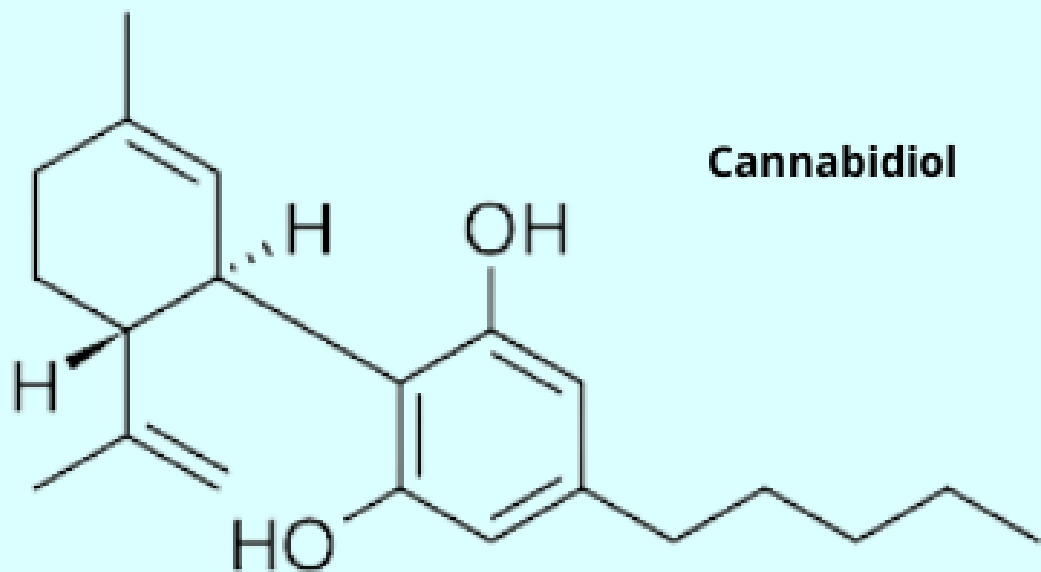
Distributed via the CDC Health Alert Network
September 14, 2021, 10:00 AM ET
CDCHAN-00451

Summary

The purpose of this Health Alert Network (HAN) Health Advisory is to alert public health departments, healthcare professionals, first responders, poison control centers, laboratories, and the public to the increased availability of cannabis products containing delta-8 tetrahydrocannabinol (THC) and the potential for adverse events due to insufficient labeling of products containing THC and cannabidiol (CBD).

Background


Marijuana, which can also be called weed, pot, or dope, refers to all parts of the plant *Cannabis sativa* L., including flower,



Delta 8 THC

- Delta 8 is made from CBD from the Hemp plant which is converted by using a solvent into Delta 8.
- The conversion of CBD to delta-8-THC involves refluxing CBD in an organic solvent, such as toluene or heptane, with acid that serves as a catalyst. The reaction is typically run for 60–90 min.

FDA Warning Delta 8

 **U.S. FOOD & DRUG**
ADMINISTRATION

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FDA NEWS RELEASE

FDA Issues Warning Letters to Companies Illegally Selling CBD and Delta-8 THC Products

Violations Include Marketing Unapproved New Drugs, Misbranding, Adding Delta-8 THC to Food Products

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More Press Announcements

For Immediate Release: May 04, 2022

Español

Today, the U.S. Food and Drug Administration issued warning letters to five companies for selling products labeled as containing delta-8 tetrahydrocannabinol (delta-8 THC) in ways that violate the Federal Food, Drug, and Cosmetic Act (FD&C Act). This action is the first time the FDA has issued warning letters for products containing delta-8 THC. Delta-8 THC has psychoactive and intoxicating effects and may be dangerous to consumers. The FDA has received reports of adverse events experienced by patients who have consumed these products.

There are no FDA-approved drugs containing delta-8 THC. Any delta-8 THC product claiming to diagnose, cure, mitigate, treat, or prevent diseases is considered an

Content current as of:
05/04/2022

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- Delta-8 THC is one of over 100 cannabinoids produced in the *Cannabis sativa* L. plant but is not found naturally in significant amounts.
- Concentrated amounts of delta-8 THC are typically manufactured from hemp-derived cannabidiol (CBD) and have psychoactive and intoxicating effects.



FDA reports

The FDA received 104 reports of adverse events in patients who consumed delta-8 THC products between December 1, 2020, and February 28, 2022. Of these 104 adverse event reports:

- 77% involved adults, 8% involved pediatric patients less than 18 years of age, and 15% did not report age.
- 66% described adverse events after ingestion of delta-8 THC-containing food products (e.g., brownies, gummies).

Adverse events included, but were not limited to: hallucinations, vomiting, tremor, anxiety, dizziness, confusion, and loss of consciousness.

Delta 8 Exposure Cases – National Poison Control

National poison control centers received 2,362 exposure cases of delta-8 THC products between January 1, 2021 (i.e., date that delta-8 THC product code was added to database), and February 28, 2022.

Of the 2,362 exposure cases:

- 58% involved adults, 41% involved pediatric patients less than 18 years of age, and 1% did not report age.
- 40% involved unintentional exposure to delta-8 THC and 82% of these unintentional exposures affected pediatric patients.
- 70% required health care facility evaluation, of which 8% resulted in admission to a critical care unit; 45% of patients requiring health care facility evaluation were pediatric patients.
- One pediatric case was coded with a medical outcome of *death*.



FDA Warning Letters

FDA NEWS RELEASE

FDA Issues Warning Letters to Companies Illegally Selling CBD and Delta-8 THC Products

Violations Include Marketing Unapproved New Drugs, Misbranding, Adding Delta-8 THC to Food Products



 More Press Announcements


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There are no FDA-approved drugs containing delta-8 THC. Any delta-8 THC product claiming to diagnose, cure, mitigate, treat, or prevent diseases is considered an unapproved new drug. The FDA has not evaluated whether these unapproved drug

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FDA Letters

- An uptick in adverse event reports to the FDA and the nation's poison control centers.
- Marketing, including online marketing of products, that is appealing to children.
- Concerns regarding contamination due to methods of manufacturing that may in some cases be used to produce marketed delta-8 THC products.

NY Attorney General – Consumer Alert

- In 2020, more than 70 percent of calls related to marijuana edibles to the Poison Control Center involved children under the age of 5.
- In the first half of 2021 alone, the American Association of Poison Control Centers has reported that poison control hotlines have received an estimated 2,622 calls for services related to young children ingesting illegal cannabis products.

**Letitia James**
NY Attorney General

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CONSUMER ALERT: Attorney General James Issues Alert to Protect Children From Deceptive Cannabis Products Sold in Snack Packaging

Concerned Consumers Are Encouraged to File a Complaint With OAG Immediately

NEW YORK – New York Attorney General Letitia James today issued an alert to New York parents concerning products that are deceptively designed to look like standard snack foods and candy, but actually contain high levels of cannabis and tetrahydrocannabinol (THC). These products — which are illegal and unregulated in New York state — can be extremely dangerous to human health. The Office of the Attorney General (OAG) urges parents throughout the state to remain alert against the online sale of these dangerous and misleading products.

“These unregulated and deceptive cannabis products will only confuse and harm New Yorkers, which is why they have no place in our state,” said **Attorney General James**. “It is essential that we limit their access to protect our communities and, more specifically, our children. In light of an increase in accidental overdoses among children nationwide, it is more vital than ever that we do everything we can to curb this crisis and prevent any further harm, or even worse, death. My office is committed to preventing the sale of these products and protecting the wellbeing of all New Yorkers. I urge everyone to remain vigilant against these products and to report these harmful items to my

Vape juice poisoning

Liquid nicotine is the liquid inside an e-cigarette or vaping device and is also called “vape juice” or “e-liquid.”

The product is dangerous to swallow and can even be absorbed if spilled on the skin. As little as one teaspoon could be harmful.

Nicotine poisoning often causes nausea, vomiting, dizziness, tremors (shakiness), and sweating, and can make the heartbeat much faster than normal. Severe poisoning can cause seizures. It can even cause death. Seizures can begin only 20-30 minutes after swallowing products containing nicotine.

POISON CONTROL
National Capital Poison Center

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E-Cigs and Toddlers: Beware



The Bottom Line

Electronic cigarettes (e-Cigs) are devices made to look like real cigarettes. They contain a battery, a heater, and liquid nicotine. When heated, the nicotine liquid becomes a vapor, which users inhale. Liquid nicotine products contain flavorings and something to help the product vaporize. Liquid nicotine products are very poisonous if swallowed.



The Full Story

Tobacco and cigarette smoking in the United States have been declining over the last few years. A growing new trend is electronic cigarettes (often referred to as “e-Cigs” or “vapor cigarettes”).

Electronic cigarettes are used by people who don’t want to smoke but do want to use nicotine: adults, teens, and even younger children. About 20 percent of U.S. adult smokers have used electronic cigarettes. Middle-school students are using e-Cigs at double the rate of a few years ago. About 10 percent of high school students admit to smoking electronic cigarettes.

Poisoned?

Call **1-800-222-1222** or

HELP ME online

Other chemicals in vape cartridge

- **THC, CBD, Nicotine**
- **Terpenes:** Vape cartridges may contain both cannabis and non cannabis derived terpenes.
- **Hydrosols:** Floral or aromatic waters (i.e., essential oils) and contain only small percentages of actual terpenes.
- **Artificial flavors:** The artificial flavors found in cannabis cartridges are sourced from the e-cigarette industry. There are thousands of flavors, but their safety is in question (e.g., diacetyl causing “popcorn lung”).
- **Vitamin E acetate:** is an oily chemical commonly added to THC vaping liquids to dilute or thicken the mixture.
- **Propylene glycol, vegetable glycerin, glycerol:** responsible for the mist/vapor.

Proper handling and disposal of E-cigarettes and other vaping devices

Step 1

Always wear new nitrile gloves when handling e-cigarettes and vaping devices



Step 2

Place all confiscated parts into a sealed container or bag for storage. This includes:

- Devices and batteries
- E-liquids and bottles
- Tanks, cartridges, and pods



Step 3

Transport to a hazardous waste disposal site.

To find the nearest location, visit:

<https://www.calrecycle.ca.gov/HomeHazWaste/Directory/>



Don't



Handle e-cigarettes with bare hands



Rinse or throw e-liquids in the sink or toilet



Throw any component in the trash or recycling bin



Drug Interactions

Please tell your
Doctor if you are
using any
marijuana
products!

Visit [drugs.com](https://www.drugs.com)

Be in the know!

**Marijuana may cause drug interactions
with your medications**

Chemicals found in marijuana such as Tetrahydrocannabinol (THC) and Cannabidiol (CBD) may interact with medications.

Common drugs that have interactions include:

- Sedatives
- Anti-Anxiety medications
- Anti-Depressant medications
- Pain medications
- Seizure medications
- Blood Thinners

It is always recommended to inform your Doctor or health care provider of any substances you may be taking to avoid harmful drug interactions.





NBC San Diego

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Stoned California Seniors Headed to ERs By the Thousands, UCSD Study Says

Story by Eric S. Page • Yesterday 9:33 AM

👍 53

👎 144

💬 60 Comments

Stoned seniors — and we're not talking high-school kids — are visiting emergency rooms for cannabis-related issues in unprecedented numbers, according to a new study by UC San Diego researchers.



Screen All Patients for Cannabis Use Before Surgery: Guideline

Screen All Patients for Cannabis Use Before Surgery: Guideline

<https://www.medscape.com/viewarticle/986690>

- All patients who undergo procedures that require regional or [general anesthesia](#) should be asked if, how often, and in what forms they use the drug, according to recommendations from the American Society of [Regional Anesthesia](#) and Pain Medicine (ASRA).
- One reason: Patients who regularly use cannabis may experience worse pain and nausea after surgery and may require more opioid analgesia, the group said.
- Kenneth Finn, MD, president of the American Board of Pain Medicine, welcomed the publication of the new guidelines. Finn, who practices at Springs Rehabilitation in Colorado Springs, Colorado, has edited a textbook about cannabis in medicine and founded the [International Academy on the Science and Impact of Cannabis](#).

"The vast majority of medical providers really have no idea about cannabis and what its impacts are on the human body," Finn said

The screenshot shows the Medscape website interface. At the top, there is a navigation bar with links for NEWS & PERSPECTIVE, DRUGS & DISEASES, CME & EDUCATION, ACADEMY, VIDEO, and DECISION POINT. Below this is a banner for 'Medscape Invitations' with a 'Start here' button. The main article title is 'Screen All Patients for Cannabis Use Before Surgery: Guideline' by Jake Remaly, dated January 09, 2023. The article text states: 'If you smoke, vape, or ingest cannabis, your anesthesiologist should know before you undergo a surgical procedure, according to new medical guidelines.' and 'All patients who undergo procedures that require regional or general anesthesia should be asked if, how often, and in what forms they use the drug, according to recommendations from the American Society of Regional Anesthesia and Pain Medicine (ASRA)'. At the bottom, there is a prompt to 'Log In' or 'Register for Free' to continue reading. On the right side, there is a 'MEDICAL MINUTE' sidebar with a 'Listen Now' button.




Advocate for child proof packaging

- Do not use in front of children.
- Store away from children.
- Do not leave individual candies or products outside the wrapper.
- Speak with your older children about the effects.

FDA complaint system

About untested products
claiming to have medical
value!

 **U.S. FOOD & DRUG**
ADMINISTRATION

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Contact FDA

📞 Call:
1-888-INFO-FDA
(1-888-463-6332)

✉ Email:
See [Contact FDA Centers and Offices](#) below or [search the employee directory](#).

✍ Write to:
Food and Drug Administration
10903 New Hampshire Ave
Silver Spring, MD 20993-0002

Content current as of:
11/10/2022

Product developers and importers who need to contact FDA regarding issues related to COVID-19 products and **physicians seeking an emergency IND**: Please see contact information on [FDA's main COVID-19 page](#).

Report an emergency

- If you are experiencing a life-threatening medical emergency, **call 9-1-1**.
- To report an emergency involving food, drugs, medical devices, dietary supplements, or cosmetics, call 1-866-300-4374 or 1-301-796-8240.

Know how to file a complaint - CA



Official website of the State of California

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File a complaint

You can file an anonymous complaint against licensed or unlicensed cannabis businesses. Provide as much detail as you can.

[File a complaint](#)



Items to discuss with Administration!

- Do you document the incident
- Does the school have a Protocol, take pictures of product, document packaging, symptoms, notify parent and staff.
- Interventions
- Teachable moment!

Focused MPI Trainings - 2023

Trainings for staff on how to refer kids to early intervention and treatment programs.

Parent nights where extra credit is given to youth that bring adults.




IASIC Doctors Educating on Cannabis

IASIC - International Academy on the Science and Impact of Cannabis, are doctors who educate on marijuana.

This non-partisan and non-political group is developed, organized, and guided by doctors.

Join the email list!

IASIC1.org



WARNING
DOCTORS WARN
CANNABIS (MARIJUANA)
CAN CAUSE SERIOUS
HEALTH HAZARDS

IASIC, the International Academy on the Science and Impact of Cannabis, is a medical organization of doctors who educate on marijuana based on the scientific and medical literature. IASIC is a non-partisan and non-political group created to facilitate informed decisions when considering cannabis policy and law.

It is our conclusion, based on review of the scientific evidence, that public health effects of commercial cannabis on Americans health are harmful. These growing negative impacts further strain health care and addiction treatment resources to an extent that far surpasses taxation revenues.

EVIDENCE: Thousands of peer reviewed medical articles have been published on the harms of cannabis and marijuana. Reviews of medical benefits of cannabis published in highly ranked journals reveal only limited benefits for a few conditions, and generally do not consider long term consequences, including:

- Emergency Department (ED) Visits
- Psychosis
- Suicide
- Brain Development
- Neonatal Exposure
- Opioid Use
- Traffic Fatalities
- High Potency, Problematic and Youth Use
- Cannabis Hyperemesis Syndrome
- Heart and Lung Disease
- Testicular Cancer


CONCLUSIONS: We recognize that there are many sides to the marijuana debate, and we call attention to the growing science on public health risk. Tobacco was promoted as relatively harmless before nicotine addiction became ubiquitous and the link to lung cancer was proven. The opioid industry marketed its drugs as non-addictive and safe in the early 1990s, and we are still paying the price. Let's learn from our historical mistakes and not repeat them with marijuana. Drug addiction and death have increased during the COVID-19 pandemic. We urgently need smart public health policies that follow the science, prevent addiction, and decrease mental illness including psychosis, depression, and suicide.


IASIC, the International Academy on the Science and Impact of Cannabis, hopes lawmakers and voters will follow the science and promote public health.

Visit the IASIC Library to view the research on the harms of cannabis use, translated for public understanding.

Full article: www.IASIC1.org/doctors-warn-cannabis-can-cause-serious-health-hazards/

Doctors Medical Society suggest the following warning label:
Warning: Cannabis THC may cause:
1. Impaired driving 2. Addiction 3. Psychosis
4. Suicide or self harm
5. Uncontrollable vomiting
6. Harm to developing infant/nursing baby

 **IASIC**
International Academy on the Science and Impact of Cannabis
Doctors Educating on Marijuana
www.IASIC1.org
PAID FOR BY IASIC


*Full article with citations

MPI Resources

MPI reducing underage use of marijuana.

Resources:

- IASIC link
- Vision Zero DUI
- **NEW-MPI 2021 Report**

Visit our MPI website, YouTube or twitter:
<http://www.ccrconsulting.org/mpi>



Questions or comments?

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jeberstein@ccrconsulting.org

