

Medical & Recreational Cannabis Updates in Illinois

November 1, 2019
Northbrook, IL




Primary Care Updates

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Disclosures


None



Objectives

Learning Objectives: To share the following:


1. Updates in Adult Cannabis Use legislation
2. Updates in the newly expanded Illinois Medical Cannabis Patient Program
3. Cannabis dosing, routes, benefits, risks



Audience Response Question

The following new conditions have been added to the Medical Cannabis Patient Program (as of August 12, 2019) EXCEPT for the following:


- A. Autism
- B. Irritable bowel syndrome
- C. Neuropathy
- D. Osteoarthritis
- E. Severe insomnia
- F. Ulcerative colitis



Audience Response Question

In order for a Physician, Advanced Practice Nurse or Physician Assistant to certify patients for medical cannabis in Illinois, a special training program and state-issued certificate must be completed first.


TRUE
 FALSE



Audience Response Question

Effective immediately, registered medical cannabis patients under the age of 21 years are **prohibited** from purchasing **smokable** cannabis products and their accessories, but **are** allowed to purchase **vaporizable** cannabis and their accessories.

TRUE
 FALSE



Cannabis: Panacea, scourge, or both?



Adult Use of Cannabis in IL

- January 1, 2020: adults over 21 will be able to legally purchase cannabis for recreational use from licensed dispensaries.
- Possession limit for Illinois residents:
 - 30 grams of cannabis flower;
 - 5 grams of cannabis concentrate;
 - 500 milligrams of THC contained in a cannabis-infused product; or
- Homegrow allowed for medical cannabis patients only - up to 5 plants per household

www.Illinois.gov



Timeline: WAVE 1

Adult Use

- Department of Financial and Professional Regulation
May 1, 2020: Awards licenses for up to 75 new dispensing organizations
- Department of Agriculture
July 1, 2020: Awards up to 40 licenses for processors, up to 40 licenses for craft growers, and licenses for transporting organizations.

www.Illinois.gov



Timeline: Wave 2

Adult Use

Department of Financial and Professional Regulation

December 21, 2021: awards up to 110 licenses for new dispensaries

Department of Agriculture

December 21, 2021: up to 120 licenses for craft growers & processors; licenses for transporting organizations.

www.Illinois.gov



The Cannabis Regulation Fund

Adult Use

Cannabis purchaser excise tax:

- 10% of the purchase price –THC level \leq 35%
- 20% of the purchase price – All products
- 25% of the purchase price –THC level > 35%

www.Illinois.gov



Allocation of state tax revenue (minus state agency administrative costs)

- 35%: General Revenue Fund,
- 25%: Restoring Our Communities Fund
- 20%: Fund to support mental health & substance abuse services at local health departments
- 10%: Budget Stabilization Fund to pay backlog of unpaid bills,
- 8%: Illinois Law Enforcement Training and Standards Board
- 2%: Drug Treatment Fund to fund public education and awareness.

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Warnings on all cannabis products:


Adult Use

"This product contains cannabis and is intended for use by adults 21 and over. Its use can impair cognition and may be habit forming. This product should not be used by pregnant or breastfeeding women.

It is unlawful to sell or provide this item to any individual, and may not be transported outside the state of Illinois.

It is illegal to operate a motor vehicle while under the influence of cannabis.

Possession or use of this product may carry significant legal penalties in some jurisdictions and under federal law."

www.Illinois.gov 


Advertising is banned as follows:

- Within 1,000 feet: school grounds, playground, hospital, healthcare facility, recreation center, child care center, public park, public library, or any arcade;
- Public transit vehicles or transit shelter;
- Publicly owned or operated property;
- Images designed to appeal to minors
- Any imitation of candy packaging or labeling

www.Illinois.gov 

An opportunity to serve

- Adult Use Cannabis Public Health Advisory Committee

APPOINTMENTS. ILLINOIS.GOV 

Illinois Board, Commission, Task Force and Council List

Boards and Commissions Detail | Skip to Member Names | View all Boards and Commissions

Title: Adult Use Cannabis Health Advisory Committee

Meeting Information: The Committee shall meet at least twice annually.

Function: The Committee shall discuss and monitor changes in drug use data in Illinois and the emerging science and medical research relevant to the health effects associated with cannabis use and may provide recommendations to the Department of Human Services about public health awareness campaigns and messages.


Adult Use Cannabis Public Health Advisory Committee

Name (Last, First)	Appointer	Position	Title
VACANT	Statute	Chair	Director of Public Health, or their designee
VACANT	Statute	Chair	Secretary of Human Services, or their designee
VACANT	Governor	Member	Representative of a Poison Control Center
VACANT	Governor	Member	Pharmacologist
VACANT	Governor	Member	Pulmonologist
VACANT	Governor	Member	Emergency Room Physician
VACANT	Governor	Member	Emergency Medical Technician, Paramedic, or other First Responder
VACANT	Governor	Member	Nurse Practicing in a School-Based Setting
VACANT	Governor	Member	Psychologist
VACANT	Governor	Member	Neonatologist
VACANT	Governor	Member	Obstetrician-Gynecologist
VACANT	Governor	Member	Drug Epidemiologist
VACANT	Governor	Member	Medical Toxicologist
VACANT	Governor	Member	Addiction Psychiatrist
VACANT	Governor	Member	Pediatrician
VACANT	Governor	Member	Representative of a Statewide Professional Public Health Organization
VACANT	Governor	Member	Representative of a Statewide Hospital/Health System Association
VACANT	Governor	Member	Individual Registered as a Patient in the Compassionate Use of Medical C Program
VACANT	Governor	Member	Individual Registered as a Caregiver in the Compassionate Use of Medical C Program

Medical Cannabis Law 2.0


12 new conditions recommended by the MCAB in 2015-2016 were added in August 2019.

- Autism
- Chronic pain
- Irritable bowel syndrome
- Migraines
- Osteoarthritis
- Anorexia nervosa
- Ehlers-Danlos syndrome
- Neuro-Behcet's autoimmune disease
- Neuropathy
- Polycystic kidney disease (PKD)
- Superior canal dehiscence syndrome
- Ulcerative colitis

www.mcpcb.Illinois.gov 

Key changes: Medical Cannabis Law 2.0

- Under 21 years of age: no smokable medical cannabis, including vaping products, paraphernalia and accessories – effective immediately
- APN and PAs may certify patients– launch anticipated in September 2019
- Allow MCPP patients to register up to three (3) designated caregivers - launch date TBD
- Allow registered MCPP patients to grow up to five (5) cannabis plants for personal consumption – effective January 1, 2020

www.mcpcb.Illinois.gov 

Difference between OAPP & MCPP

Medical Cannabis Patient Program

- Long term certification
- Up to 3 caregivers allowed per patient
- Many more eligible conditions than OAPP

Opioid Alternative Patient Program

- 90 days, requires renewal (unlimited renewability)
- No caregivers allowed
- Limited to opioid eligible or opioid-taking patients

www.mcopp.illinois.gov



Clarifications about the programs

- Special certification or training is NOT required to certify patients.
- A bonafide patient-physician relationship IS required, but specifics are undefined in the law.

www.mcopp.illinois.gov



Program Statistics

- 83,345 qualifying patients (including 486 pediatric pts.), since September 2, 2014.
- Retail sales of medical cannabis for August - \$23,951,540.90
- 2019 Total Retail Sales: \$149,896,179.44
- Total Retail Sales since November 2015 by \$409,990,089.68

www.mcopp.illinois.gov



Sativa



- Mainly affects the mind
- Tall and skinny plant structure
- Uplifting and/or euphoric feelings

Indica



- Mainly affects the body
- Short and dense plant structure
- Heavy feeling and/or "body-melt"

- Do strains matter? Probably not as much as previously thought.
- What is most likely important? THC, CBD, terpene profile

Source: various user forums online



α-PINENE



- ▲ **AROMA**
Pine
- ▼ **VAPORIZES AT**
311°F (155°C)
- 🔗 **POTENTIAL MEDICAL VALUE**
Treatment of:
• Asthma
• Pain
• Ulcers
• Anxiety
• Cancer
- 🔗 **POTENTIAL EFFECTS**
Alertness
Memory Retention
Counteracts some THC effects
- + **ALSO FOUND IN**
Pine Needles
Rosemary
Basil
Parsley
Dill



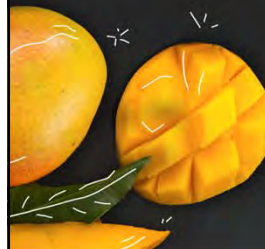
www.leafly.com



MYRCENE



- ▲ **AROMA**
Cardamom
Cloves
Musky
Earthy
Herbal
- ▼ **VAPORIZES AT**
332°F (167°C)
- 🔗 **POTENTIAL EFFECTS**
Sedating
"Couchlock"
Relaxing
- + **ALSO FOUND IN**
Mango
Lemongrass
Thyme
Hops



www.leafly.com



Leafly

LIMONENE

LME



▲ AROMA
Citrus

▼ VAPORIZES AT
348°F (176°C)

🔗 POTENTIAL MEDICAL VALUE
Treatment of:
• Anxiety
• Depression
• Inflammation
• Pain
• Cancer

🔗 POTENTIAL EFFECTS
Elevated Mood
Stress Relief

+ ALSO FOUND IN
Fruit Rinds
Rosemary
Juniper
Peppermint


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Leafly

CARYOPHYLLENE

CYE



▲ AROMA
Pepper
Spicy
Woody
Cloves

▼ VAPORIZES AT
266°F (130°C)

🔗 POTENTIAL MEDICAL VALUE
Treatment of:
• Pain
• Anxiety
• Depression
• Ulcers

🔗 POTENTIAL EFFECTS
Stress Relief

+ ALSO FOUND IN
Black Pepper
Cloves
Cinnamon


www.leafly.com

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Leafly

LINALOOL

LNL



▲ AROMA
Floral

▼ VAPORIZES AT
388°F (198°C)

🔗 POTENTIAL MEDICAL VALUE
Treatment of:
• Anxiety
• Depression
• Insomnia
• Pain
• Inflammation
• Neurodegeneration

🔗 POTENTIAL EFFECTS
Mood Enhancement
Sedation

+ ALSO FOUND IN
Lavender

www.leafly.com

NorthShore
NORTHSHORE UNIVERSITY OF HEALTHSCIENCE

Leafly

HUMULENE

HUM



▲ AROMA
Hops
Woody
Earthy

▼ VAPORIZES AT
222°F (106°C)

🔗 POTENTIAL MEDICAL VALUE
Anti-inflammatory

+ ALSO FOUND IN
Hops
Coriander
Cloves
Basil


www.leafly.com

NorthShore
NORTHSHORE UNIVERSITY OF HEALTHSCIENCE

Leafly

OCIMENE

OCH



▲ AROMA
Sweet
Herbal
Woody

▼ VAPORIZES AT
122°F (50°C)

🔗 POTENTIAL MEDICAL VALUE
Antiviral
Antifungal
Antiseptic
Decongestant
Antibacterial

+ ALSO FOUND IN
Mint
Parsley
Pepper
Basil
Mangoes
Orchids
Kumquats


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NorthShore
NORTHSHORE UNIVERSITY OF HEALTHSCIENCE

Leafly

TERPINOLENE

TPE



▲ AROMA
Piney
Floral
Herbal

▼ VAPORIZES AT
366°F (186°C)

🔗 POTENTIAL MEDICAL VALUE
Antioxidant
Sedative
Antibacterial
Antifungal
Anticancer

🔗 POTENTIAL EFFECTS
Sedating

+ ALSO FOUND IN
Nutmeg
Tea Tree
Conifers
Apples
Cumin
Lilacs

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Remedies for unpleasant side effects

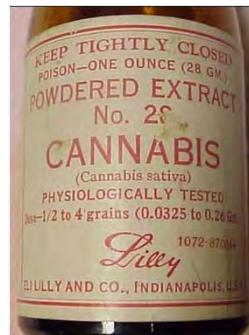
Ancient cannabis antidotes: Likely due to competing terpenoids.

- Citrus- include some rind (limonene)
 - Pine nuts (pinene)
 - Pistachios (pinene)
 - Black pepper (pinene, myrcene, B-caryophyllene)
 - Calamus plant roots
 - Choline supplementation
- Time, hydration, reassurance

Russo, E. Taming THC: potential cannabis synergy and phytocannabinoid-terpenoid entourage effects. *British Journal of Pharmacology*, Jan 2011



Ye 'olde-fashioned remedies



Thank you, and happy 20th anniversary!



NorthShore Integrative Medicine Team at the Glenview Park Center

Save the dates

Food Is Medicine: Sunday April 26, 2020- Chicago Botanic Garden

Integrative Medicine Benefit Concert: January 11, 2020 - Metro

