

Cannabis Public Health Advisory Council

As Required by 2021 Acts of Assembly, Chapter 551

September 12th, 2022

2:00 PM - 5:00 PM

East Reading Room – Patrick Henry Building AGENDA – Revised on 9/12/2022

- 1. Introductory Remarks & Roll Call Office of the Secretary of Health and Human Resources
- Recap of 2022 Legislation David May, Division of Legislative Services
- Virginia Cannabis Control Authority Current and Future Initiatives Brianna Bonat, Virginia Cannabis Control Authority Matt Prentice, Virginia Cannabis Control Authority
- Update on Medical Cannabis Program Caroline Juran, Board of Pharmacy, Virginia Department of Health Professions
- Updates on Youth Cannabis Use Prevention & Education Efforts Nicole Gore, Virginia Department of Behavioral Health and Developmental Services Marge White, Virginia Foundation for Healthy Youth
- 6. Blue Ridge Poison Center Cannabis Related Calls and Challenges Christopher Holstege, UV.1HS Blue Ridge Poison Center
- Next Steps Office of the Secretary of Health and Human Resources
- 8. Public Comment







Virginia Cannabis Control Authority – Current and Future Initiatives Briana Bonat, Virginic Canabis Control Authority Matthew Prentee, Virginic Canabis Control Authority

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Overview of CCA Public Health Priorities

- 1. Assuming Oversight of Medical Cannabis Program Starting FY24
- 2. Public Health Initiatives and Resources
- ➤ Safe Driving
- Health Risks, "Responsible" Consumption, "Ancillary Effects"
 Fact sheets (e.g., medical registration, THC vs CBD)
- High Potency THC Researching Mitigation Practices
- 3. Outreach (e.g., SW VA Tour, Future Town Halls)





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Law authorizes total of 30 dispensing sites – 1 processor and 5 cannabis dispensing facilities/ HSA and there are 5 HSAs





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3 phases: submission of application, awarding of conditional approval, issuance of final permit.





PharmaCann Virginia, LLC (Health Service Area I) – Rescinded Dalitso, LLC (Health Service Area II, Manassas) Dharma Pharmaceuticals, LLC (Health Service Area III, Abingdon) Green Leaf Medical of Virginia, Inc. (Health Service Area IV, Richmond) Columbia Care Eastern Virginia. LLC (Health Services Area V, Portsmouth) Dispensaries:

Beyond / Hello Sterling Sterling Beyond/Hello Alexandria Alexandria Beyond/Hello Fairfax Cannabist Virginia Beach Green Leaf Medical of VA Glen Allen Rise Christiansburg Christiansburg Rise Lynchburg Lynchburg Rise Salem Salem

Virginia Department of Health Professions	
Patient Registrations Issued per Year	
 Patients: 2018 = 200+ 2019 = 1,372 2020 = 7,192 2021 = 33,396 1/22-7/22 = 22,001 	
www.dhp.virginia.gc	2V



Since 2018, the Board has registered a total of 65,246 patients Since July 1, 2022, we have seen an 85% reduction in patient applications. July 2022-3,308 patient registrations were due for renewal; 321 renewals were counted (10%) August 2022-3,948 patient registrations were due for renewal; 350 renewals were counted (9%)

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Valid for up to 12 months.

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Patients Dispensed Medical Cannabis January 2021-August 2022			
 Monthly unique patients receiving 	21 15 16 17 17 17 17 17 17 17 17 17 17		

Number of unique patients receiving medical cannabis each month.

Medical Cannabis Practitioners January 2021-August 2022				
 Monthly prescribers of dispensed products more than doubled Jan 2021- Aug 2022: 201 to 440 	62 63 10 10 10 10 10 10 10 10 10 10			
440	0 <u> <u> <u> </u> <u> </u></u></u>			

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THC concentration much higher now; 1995 = joint was about 4%; 2018 = was about 16%

For the inhalant products (VAPED), the 0.25% total THC product is an outlier...99% of the products have a much greater total THC amount, with the majority falling between 30 and 80%.

For the edibles, the majority of the products have both a THC and CBD content of less than 1% For botanicals, the majority of the products have a THC amount from 13%-28%, and a CBD amount of less than 1%.

Since the July 1st Code change removing the required 5 mg minimum of THC-A or CBD in all concentrate products, there has been a significant reduction in those amounts in this type of product.

Since 9/1/2021, 623 botanical products have been approved.

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Health Professions Additional Information Board requires FBI criminal background check on material owners; Facility performs background checks of employees; Fraditioner recommends use, patient works with pharmacist to determine optimal product and dosing; Products must be tested for content and quality by independent laboratory, labeled accurately with expiration date; Lab results available upon request to patients, parents/guardians, practitioners;

microbiological, mycotoxin, heavy metal, pesticide chemical residue, residual solvent test, active ingredient analysis (CBD, CBDA, THC, THC-A) 6 month expiration date or based on stability testing, if longer



Continuous expansions primarily driven by industry; Each year GA has directed board to promulgate emergency regulations.

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Substance abuse and mental illness share some common risk and protective factors. As a result of reducing risk factors and increasing protective factors for substance abuse, not only will substance abuse prevalence consumption and related consequences be reduced, but prevention of mental illness may be impacted as well.



Our process includes state and local needs assessment, capacity building, planning, implementation, and evaluation. This guides data-driven decision making and evaluation for continuous unality increases and ensure responsible statuse this of state

continuous quality improvement and ensures responsible stewardship of state and federal funds.

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Supported collaborations between behavioral health prevention professionals, community coalitions and

their communities to strengthen our interventions.

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Environmental Scans



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Cannabis Use Prevention for Adolescents A broad array of effective and affordable approaches exists for

preventing future cannabis use and reducing existing patterns of cannabis use. Effective prevention programs fundamentally shift perceived norms surrounding cannabis use, enhance important psychosocial skills, integrate community-wide efforts, or engage in all of the above.

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Cannabis Use Prevention for Adolescents

A broad array of effective and affordable approaches exists for preventing future cannabis use and reducing existing patterns of cannabis use. Effective prevention programs fundamentally shift perceived norms surrounding cannabis use, enhance important psychosocial skills, integrate community-wide efforts, or engage in all of the above.



Note: This slide may be deleted pending how much our prevention teams are currently doing across communities.











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Cannabinoids receptors

- G-coupled protein receptors
 Can inhibit or enhance release of acetylcholine, L-glutamate, GABA, noradrenaline, dopamine, and 5-HT
- Ordafenaure, dopamine, and stri
 CB1 primarily located centrally
 Primarily responsible for clinical effects of cannabinoids
 Psychoactive symptoms
 Regulation of cognition, memory/motor, nociception (pain)
 Nausea, vomiting
 CB2 tend to be located peripherally
- Three types of cannabinoids



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- Synthetic cannabinoids
- Sold as incents
- Not for human consumption
- Sprayed with synthetic cannabinoids





- Johnson R, Monke J. What Is the Farm Bill? *Congr Res Serv*.
 Published online September 26, 2019:17.
- https://en.wikipedia.org/wiki/Medi cal_cannabis
- Controlled substance act lists marijuana and previously hemp together
- Farm Bill in 2018 → excluded hemp from marijuana definition

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- Delta 8 isolated from hemp (or marijuana) OR synthesized from CBD
- Legal loop hole
- Marketed as "Delta 8" so consumers may not know it is THC
- Does have psychogenic effects

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https://www.fda.gov/newsevents/press-announcements/fdaissues-warning-letters-companiesillegally-selling-cbd-and-delta-8-thcproducts



- UDS can be positive for 2 weeks in casual user and longer in chronic user
- Positive screen does not mean acute intoxication
- https://pubmed.ncbi.nlm.nih.gov/2 7883985/





Case 1

- An 8 year old with a previous repair of his heart and his younger brother found a package of "candy".
 The patient reportedly ate 5 pieces and his younger brother ate 1 piece at ~2:30 pm.
 At ~3:30 pm both the patient and his younger brother began to appear sedate per the mother.
 The mother then reported the child collapsed on the floor, stating that he had a dusky, blue appearance around his mouth and eyes. She immediately started "performing CPR" including mouth-to-mouth as she wasn't sure if she felt a pulse. After one minute, he was became responsive but was somnoient. EMS was called.
 In the emergency department, patient and his brother were markedly
- In the emergency department, patient and his brother were markedly somnolent, had fast heart rates, and had evidence of neuro excitability.
- Both he and his brother were admitted with cardiac monitoring.



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Case 1

- He was seen again 6 days later in the emergency department with continual adnominal pain, nausea, and anorexia.
 He was seen 10 days later again in the emergency department with intermittent episodes where he feels like everything around him is "pike", his "stomach drops", and his hands and feet start to shake.

Case 2

- UVA Health's Blue Ridge Poison Center called at 3:26 pm with a report of a 5 year old male who reportedly ingested an entire bag of THC "skittles" at approximately 1:30 pm.
 Parent of child reports child was "out of it" initially after exposure.
- - In the initial rural emergency department, the patient was markedly sedate with a rapid heart rate.
 He was transferred to UVA Health's Pediatric Emergency Department at 8:40 pm for advanced care due to concern of potential airway compromise.
 He was subsequently admitted to a monitored bed.

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Neurological		Cardiovascular	
Moderate CNS depression	26 (17.6%)	Tachycardia	65 (44.0%)
Mild CNS depression	18 (11.2%)	Hypertension	17 (11.5%)
Dizziness	20 (13.5%)	QRS prolongation	4 (2.7%)
Agitation	21 (14.3%)	Bradycardia	5 (3.4%)
Confusion	18 (12.2%)	Dysrhythmia	2 (1.4%)
Tremors	12 (8.2%)	Chest pain	4 (2.7%)
Hallucination	7 (4.8%)	Gastrointestinal	
Ataxia	6 (4.1%)	Nausea and vomiting	36 (24.3%)
Seizure	5 (3.4%)	Ocular	
Slurred speech	5 (3.4%)	Mydriasis	11 (7.4%)
Myoclonus	4 (2.7%)	Nystagmus	4 (2.7%)
Paranoia	4 (2.7%)	Respiratory	
Syncope	4 (2.7%)	Hyperventilation/Tachypnea	5 (3.4%)
		Respiratory depression	2 (1.4%)





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From local farmers market in Charlottesville

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https://www.dazed8.com/collections https://www.hippymood.com/product s/delta-8-cereal

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- Other new products (two pictured from a shop in Charlottesville)
 - Cannabigerol
 - THC-P
 - Delta-6a
 - 10a-THC





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https://www.fda.gov/newsevents/public-health-focus/fdaregulation-cannabis-and-cannabisderived-products-includingcannabidiol-cbd#approved

