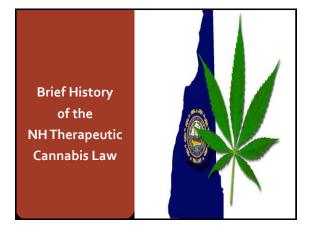
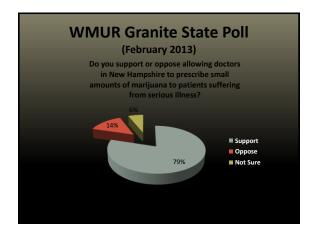




Number to text: 37607
LISAWITHROW811







History of NH House Bill 573



- Legislation approved and signed on June 23, 2013
- Signed into LAW 2 years later on June 23, 2015
- Due to lack of patient protection, patients were without legal access until dispensaries opened... Until...

Paving the Way

- Linda Horan
 - Lawsuit against State
 - Set prior precedence
- DHHS started issuing Therapeutic Cannabis cards December 2015



NH House Bill 573: Protection of Patient/Caregiver

"A qualifying patient shall not be subject to arrest by state or local law enforcement, prosecution or penalty under state or municipal law, or denied any right or privilege for the therapeutic use of cannabis in accordance with this chapter, if the qualifying patient possesses an amount of cannabis that does not exceed the following:

- (a) Two ounces of usable cannabis; and
- (b) Any amount of unusable cannabis.

NH House Bill 573: Protection of Patient

"For the purposes of medical care, including organ transplants, a qualifying patient's authorized use of cannabis in accordance with this chapter shall be considered the equivalent of the authorized use of any other medication used at the direction of a provider, and shall not constitute the use of an illicit substance."

NH House Bill 573: Protection of Provider

"A provider shall not be subject to arrest by state or local law enforcement, prosecution or penalty under state or municipal law, or denied any right or privilege, including but not limited to a civil penalty or disciplinary action by the New Hampshire board of medicine or any other occupational or professional licensing entity, solely for providing written certifications, provided that nothing shall prevent a professional licensing entity from sanctioning a provider for failing to properly evaluate a patient's medical condition."



Process for "Prescribing"/Certifying"

- Who Can "Prescribe"?
- Requirements for Certification Process
 - Written Certification
- Application for Registry Identification Card
- Appointment at "Alternative Treatment Center"
 - Ongoing Follow-up

Who Can "Prescribe" **Therapeutic Cannabis?**

- Two important concepts to understand:
 - Medical provider does NOT prescribe.
 - Medical provider is simply signing a paper certifying the patient suffers from qualifying medical condition(s) with associated symptom(s).

Process (1): Who Can Provide Certification?

- Physician
- APRN
 - Nurse Practitioner
 - Nurse Midwife
 - Nurse Anesthetist

MUST have DEA prescriptive authority for controlled substances.



PAs are NOT allowed to provide cannabis certifications

Process (2): **Requirements for Certification Process**

- Physician or APRN
- 3 month Provider-Patient medical relationship
- In-person full medical assessment
- · Provider must provide education regarding potential effects of cannabis
- Written Certification/Application to DHHS
- · Provider required to follow-up with patient for monitoring of effects

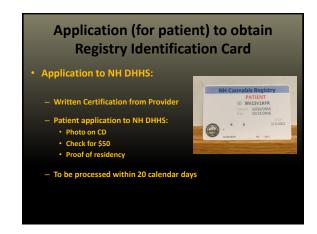
Process (3): **Requirements of Written Certification**

- 3 month Provider-Patient medical relationship
 - In-person full medical assessment

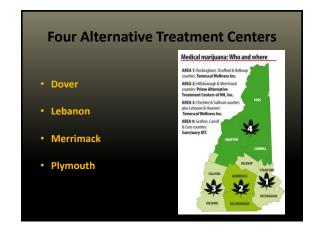
 - Review of labs, imaging, other relevant tests
 - A diagnosis of current medical condition
 - Treatment plan appropriate for licensee's medical specialty
 Explain potential health effects of therapeutic use of cannabis

Written Certification (Continued)

"The 3-month requirement for the providerpatient relationship required ...shall not apply if the provider issuing the written certification certifies that the onset of the patient's qualifying medical condition occurred within the past 3 months, and the certifying provider is primarily responsible for the patient's care related to his or her qualifying medical



Appointment at Alternative Treatment Center Appointment with Alternative Treatment Center Agent Verification of qualifying medical condition and symptom assessment Determination of cannabis type and route Dispensing of cannabis















Therapeutic Cannabis 101 Strains Sativa - Mentally stimulating - Increased energy - Euphoria - Helps with nausea, GI upset, appetite stimulant, headaches, depression, fatigue Indica - Increased relaxation - More sedating - Helps with pain, anxiety, muscle spasms, insomnia Hybrids - Best of both worlds = bred to achieve specific qualities

Therapeutic Cannabis 101 Cannabinoids Chemical compounds (over 300) Two most well-known Cannabinoids: Tetrahydrocannabinol (THC) Major psychoactive compound Used for nausea, appetite stimulant, muscle spasms, euphoria Cannabidiol (CBD) Major non-psychoactive compound Calms the "high" from THC Used for pain, anti-inflammatory, seizures, anxiety, psychosis, and inhibiting tumor cell growth

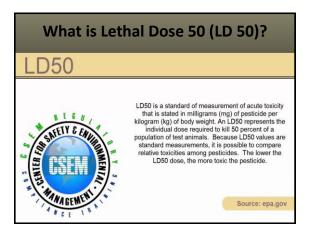


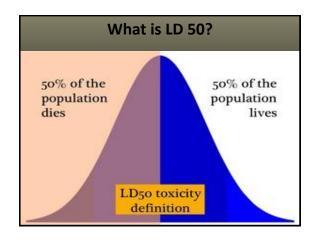
Therapeutic Cannabis 101 Potential Effects - Smoking Increased risk of cancer Hypertension MI Lung disease - Short-term effects Dry mouth/Dry eyes Tachycardia Coughing (if smoking) Anxiety Panic attacks Confusion Paranoia Lightheadedness/dizziness (more common high/low blood pressure)

Therapeutic Cannabis 101 Potential Effects - Long-term side effects • Chronic bronchitis • Memory loss *** • Cognitive impairment*** - Possibility of exacerbation (personal/family hx): • Schizophrenia • Bipolar disorder • High anxiety (agoraphobia)

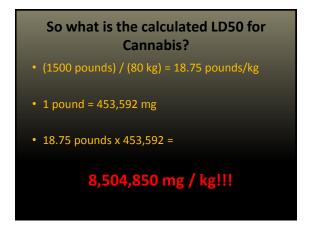
Potential for Dependency			
Dependency percentage			
6-9%			
11%			
15.4%			
16.7%			
23.1%			
31.9%			

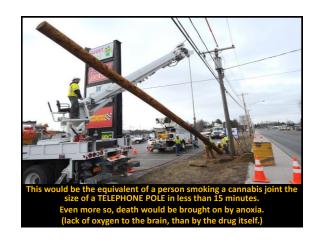
HOW	DRUGS ARE CLASS	IFIED IN THE US
SCHEDULE	DESCRIPTION	EXAMPLES
Schedule 1	Drugs with no currently eccepted medical use and a high perhital fercesses. Even the thought desprease drugs of all the drug schedules with potentially severe psychological or physical dependence.	- Heroin - Lysergic acid diethylamide (LSD) - Marijuana (Cannabis) - Methylenedioxymethamphetamine (Ecstasy) - Methaqualone - Peyote
Schedule 2	Drugs with a high potential for shursh, with vise potentially leading to severe psychological or physical dependence. These drugs are also considered despendence. These drugs are also considered despendence.	- Combination products with less than 15mg - Cocalise colore per desage unit (Vicodin) - Cocalise - Cocalise - Restamphatamine - Helder Cocalise - Adderall - Ritalin - Ritalin - Ritalin - Ritalin - Cocalise - Cocalise - Ritalin - Cocalise - Cocalise - Cocalise - Ritalin - Ri
Schedule 3	Drugs with a moderate to low potential for physical and psychological dependence. Schedule 3 drugs abuse potential is less than Schedule 1 and Schedule 2 drugs but more than Schedule 4.	Products containing less than 90mg of codele per dosage unit (Tylenol and codelne) Ketamine Anabolic steroids Testosterone
Schedule 4	Drugs with a low potential for abuse and low risk of dependence.	- Xanax - Ativan - Soma - Talwin - Darvon - Ambien - Darvocet - Tramadol - Valium
Schedule 5	Drugs with lower potential for abuse than Schedule 4 and consist of preparations containing limited quantities per train microtics. Schedule is drugs are greater than the second schedule of the second analysis purposes.	- Cough preparations with less than 200mg of codeine per 100ml (Robitussin AC) - Lomotil - Motofen - Lyrica - Parepectolin



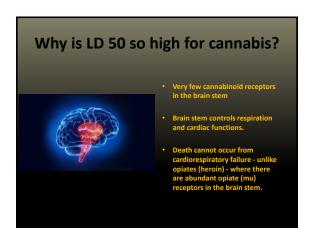


Substance	Comments	LD 50* (mg/kg)
Fentanyl		0.00003
Nicotine		50
Methamphetamine		57
Meloxicam		83.5
Cocaine		96
Oxycodone		>100
Caffeine		192
Aspirin		200
Ketamine		229
Hydromorphone	Dilaudid, Exalgo	261
Hydrocodone	Vicodin, Norco	375
Morphine		461
Ibuprofen	Motrin	740
Acetaminophen		2,402
Ethanol	Alcohol	7,000
Cannabis		Any Guesses?!?!





Substance	Comments	LD 50* (mg/kg)
Fentanyl		0.00003
LSD		16.5
Heroin		<mark>30</mark>
Nicotine		50
Cocaine		<mark>96</mark>
Oxycodone		>100
Hydromorphone	Dilaudid, Exalgo	261
Methaqualones	Quaaludes	<mark>326</mark>
Ecstasy		<mark>350</mark>
Hydrocodone	Vicodin, Norco	375
Morphine		461
Ethanol	Alcohol	7,000
<u>Cannabis</u>		8,504,850





Therapeutic Cannabis: How I've seen my Patients Benefit

- Decreased Pain
- Decreased muscle spasms/contractures
 Reduction in Seizures

 - Decreased anxiety
 - · Increased restorative sleep
 - Increased Quality of Life
 - Decreased Nausea
 Increased appetite/Weight gain

Therapeutic Cannabis: How I've seen my Patients Benefit

- PTSD
 - Decreased anxiety
 - Increased calm/peaceful feeling
 - Decreased hypervigilance
 - Increased restorative sleep

Discussion Questions

- 1. What have you heard from the press, other colleagues, the general public, or family/friends regarding Medical Marijuana?
- 2. What are some of the implications to our practice in the medical profession?
- 3. What are some of your concerns?

Other Questions?



- · Thanks for listening!
- What questions can I answer for you?

References:

- Integr8 Health = http://integr8health.com/
- www.Healer.com
- New Hampshire Department of Health and Human Services: Therapeutic Use of Cannabis Advisory Council, HB 573, Chapter 242:1–6, Laws of 2013, RSA 126-X; Annual Report 2014, January 1, 2015
- New Hampshire Medical Society:
 - Herbal Marijuana Survey