

THE EMERALD CONFERENCE

Produced by MJBizScience

Patient Data and Plant Medicine: Ask the Right Questions

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The Process Flow Timeline

Provided Patients medicine and titration guidelines under medical supervision

Lab tested small-batch medicines

Created the Shoop

Built CDRMed

Created dosing protocols

Validated through Patient feedback

Created Physician and Nurse training manual

Pre-clinical study whole plant vs single molecule

Insomnia clinical study

Built Octopi Wellness

What is In the Way of Widespread Acceptance of Cannabis By Physicians?



ACCURATE DOSING



What is In the Way of Accurate Dosing?



DATA





The Challenge: Two Types of Physicians

- **Physicians who are reluctant to recommend plant medicines**
- **Physicians who are recommending plant medicines**

Why Are They Reluctant to Recommend Plant Medicine?



Clinically Meaningful Data





THE PROBLEM

- Little meaningful education on plant medicine, ECS, and product efficacy.
- Magical thinking colliding with science.
- Illegal Federal status.
- Fear of repercussions.
- Inconsistent or non-existent lab-tested products.



THE SOLUTION

- ✓ Lab test products with consistent standards and equipment
- ✓ Educate physicians on correct uses and anticipated outcomes
- ✓ Promote real science
- ✓ Collect and analyze empirical data
- ✓ Conduct retrospective and observational studies
- ✓ Require reporting of product selection by patients
- ✓ Incentivize farmers to grow needed varieties.

Current Trusted Source for Guidance – Leafly: Pain

Leafly is the world's most trusted destination to discover cannabis products and order them from legal, licensed retailers. More than 125 million people visit Leafly each year to learn more about cannabis and order online with local businesses.

Does weed help with pain?

While more research needs to be done, early research suggests weed may help relieve pain.

How does marijuana help treat pain?

The terpene caryophyllene, commonly found in cannabis, is believed to help reduce pain.

Is indica or sativa the best cannabis strain for pain?

Strains that reduce pain can be found in indica, sativa, and hybrid varieties.

How much weed should you smoke for pain?

When smoking weed for pain, always start small and work your way up when trying to reduce pain using cannabis.

Example: Granddaddy Purple

Grand Daddy Purp Lineage / Genealogy

Grand Daddy Purp >>> **Grand Daddy Purple BX**

Grand Daddy Purple Probably

>>> **Mendo Purps x {Skunk x Afghanistan}** Probably

Skunk x Afghanistan

Skunk

Skunk #1

>>> **Afghanistan x Mexico x Colombia**

Afghanistan >>> **Indica**

Mexico >>> **Sativa**

Colombia >>> **Sativa**

Afghanistan >>> **Indica**

Mendo Purps

USA >>> **Mostly Indica**

Map of the Grand Daddy Purp Family Tree

Click to show all parents of Grand Daddy Purp in our dynamic family tree map.

Grand Daddy Purp Cannabinoid Profile

	Amount	Compared
THC	16.50%	average (-1.63%) +-
THCA	13.00%	average (-0.72%) +-
THCV	0.60%	average (-0.01%) +-
CBG	0.45%	slightly below average (-0.19%) +-
CBD	0.35%	very low (-0.81%) --
CBC	0.30%	average (-0.03%) +-
CBN	0.00%	extremely low (-0.11%) x

Click here for all tests and more detailed info about the cannabinoids in Grand Daddy Purps Grand Daddy Purp.

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Granddaddy Purple

aka Grand Daddy Purp, Granddaddy Purple Kush, Granddaddy Purps, GDP

Indica

♥ 89,271



4.4 ★★★★★ (8207)

THC 17% CBD 0% Myrcene

calming energizing

low THC high THC

flavor & aroma
grape

top effect
sleepy

Granddaddy Purple is an indica marijuana strain that goes by many different names, including "Grand Daddy Purp," "Granddaddy Purps," "GDP," and "Granddaddy Purple Kush." Popularized in 2003 by Ken Estes, Granddaddy Purple (or GDP) is a famous indica cross of Mendo Purps, Skunk, and Afghanistan. This California staple inherits a complex grape and berry aroma from its Mendo Purps and Afghanistan parent, while Skunk passes on its oversized, compact bud structure. GDP flowers bloom in shades of deep purple, a contrasting backdrop for its snow-like dusting of white crystal resin. Its potent effects are clearly detectable in both mind and body, delivering a fusion of cerebral euphoria and physical relaxation. While your thoughts may float in a dreamy buzz, your



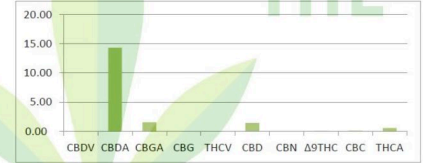
The Good Lab

Potency Analysis

2501 W Colorado Ave Suite 204
Colorado Springs, CO 80904
Info@GoodLabColorado.com
www.GoodLabColorado.com

Customer ID	597	Cust Name	Noctua Wellness	
Sample ID	2001382	Date Received	Grand Daddy Purp	
Sample Type	Flower	Date Received	11/9/2020	Date Completed
				11/13/2020

Cannabinoid Profile %	
CBDV	0.00
CBDA	14.32
CBGA	1.55
CBG	0.00
THCV	0.00
CBD	1.43
CBN	0.00
Δ9THC	0.06
CBC	0.12
THCA	0.57
TOTAL	18.03



Cannabinoid Percentage (%)	Δ9THC Percentage (%)
18.03	0.06

★★★★★

K.....0

Example: Granddaddy Purple

August 24, 2016

My IndaCouch MellowGiggleMunchyChill longtime fav!..this beautiful, sweet Luv Child of Purple Urkle/Big Bud is soo KIND!!..she'll take you to the SlowSleepySillySexySide of Life! & "a little goes a long way"..she's A-Must-Have for this StonerHippyChick!..No Anxiety & No Pain after a few Hooka bowls of my coveted GDP!!..I HighLy sug [Read full review](#)

271 people found this helpful

👍 Helpful

Report

👤 Aroused

🌟 Euphoric

😄 Giggly

😊 Happy

Have you had any of the following problems in the past year?

Abdominal pain/bloating NO Acid reflux NO

Alcoholism NO Allergies YES

Anxiety YES Asthma NO

Atrial fibrillation NO Bladder/kidney/Urinary problems NO

Breast problems NO Cancer NO

Coagulation problems NO Cholesterol problem NO

Chronic low back pain YES Constipation/diarrhea NO

Coordination problems NO Depression YES

Diagnosis

Principal / Primary Diagnosis *

anxiety ?

ICD-9 or ICD-10 Code (if known)

F43.23 ?

Date of Onset

02-04-1990

Duration

32 years ?

OTHER HEALTH CONCERNS - e.g. Diabetes, epilepsy, depression, anxiety, ADHD, etc.

Meaningful Patient Intake and Feedback Process

Cannabis Use

What is your previous experience with cannabis?

Currently use daily

How would you describe your tolerance?

High Tolerance

What methods of administration have you tried?

- Smoked flower
- Vaporized flower
- Vaporized oil
- Sublingual
- Suppository
- Topical
- Tincture
- Capsules
- Edibles
- Extract
- Oil
- Other

Your method of administration

Transdermal patch

Amount

50 mg Once per day

Please describe in a few words how you feel when using cannabis? Less anxious, less depressed

Do you have a favorite cultivar (strain) or cannabis?

Yes

Your favorite cultivar name

Sour Diesel

Why do you like this cultivar?

works for my symptoms

Are you currently using cannabis for your symptoms?

Yes

Vaporized Oil

Are you currently using the Product(s) under medical supervision?

No

What is your objective? *

Anti-cancer Therapy Manage Side Effects of Chemotherapy Pain Relief

Medications and Supplements

Please list ALL prescribed and over-the-counter medication: regularly or as needed.

Medication Name	Dose	Frequency
oxycotin	10	2
sertraline	10	1
naproxen	500	1
phenobarbital	5	2



Do you have any medication allergies?

Anesthesia problems YES Arthritis NO

Asthma YES Birth Defects NO

Bleeding problems NO Cancer YES

Colon Problems NO Crohn's Disease NO

Depression YES Diabetes, Type 1 NO

Diabetes, Type 2 NO Eczema Other NO

Epilepsy NO Genetic diseases NO

Glaucoma NO Hay fever NO

Heart Attack YES High Blood Pressure NO

Do you think you have any symptoms of Post Traumatic Stress Disorder?

Yes

Intrusive memories symptoms:

- Flashbacks
- Unsettling nightmares
- Unwanted memories
- External/emotional reactions to event triggers

Negative changes in thinking and mood symptoms:

- Difficulty with memory
- Hopelessness
- Negative thoughts
- Difficulty with relationships
- Detachment
- Lack of interest

Avoidance symptoms:

- Trying to avoid thinking or talking about the traumatic event
- Avoiding places, activities or people that remind you of the trauma

Changes in physical and emotional reactions:

- Being on guard
- Being easily startled
- Irritability
- Difficulty concentrating
- Sleep or eating
- Destructive behavior

Military Service

Did you have your service in the Military?

Yes

Branch Of Service

National Guard

Highest Rank

Sergeant

Are you aware if you have been exposed to any chemicals?

Yes

Please list which chemicals you were exposed to

mustard gas

Have you been exposed to a war zone or combat?

Yes

Name of Warzone You Were Exposed to

Portland

Start Date of Month & Year Spent in WarZone

September 2020

End Date Month & Year Spent in WarZone

February 2021

Nutrition

How do you rate your diet? *

On a scale of 1-10 (1=very unhealthy and 10=extremely healthy)

Do you have any diet restrictions? *

Yes

Current dietary restrictions that you may have

vegetarian

Do you have any food allergies? *

No

Have you made any recent changes to your diet?

No

Do you snack during the day?

Yes

What do you snack on?

chips and salsa

How many days per week do you eat:

Breakfast

Lunch

Dinner

Do you generally cook your own meals?

No

Treatment History

Have you had any surgeries/treatments? Yes

Surgery/Treatment: Ketamine

Month & Year: December 2021

Surgery/Treatment: laboratory

Month & Year: July 1994

Exercise

How many days per week did you exercise, in the past 3 months? *

0 1 2 3 4 5 6 7

Do you participate in regular cardiovascular exercise?

Yes

What type? *

Jogging

How often? *

weekly

How would you describe your intensity? *

Moderate

How often? *

daily

Do you do any strength training/exercise?

Yes

How often? *

daily

How would you describe your intensity? *

Moderate

Do you do any flexibility exercises and stretching? *

Yes

How often? *

daily

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Tetrahydrocannabinol Delta 9 (THC)

Select Target Cannabinoid

Tetrahydrocannabinol Delta 9 (THC)

Beta-caryophyllene x Limonene x Linalool x

Target Daily Dose

15

Select Unit

mg

Select Frequency

2

Select Time

Daily

Daily Dose 1

3

Select Unit

mg

Select Shift

Morning

Daily Dose 2

12

Select Unit

mg

Select Shift

Evening

Ingestion Method

Sublingual

Notes

Begin with one drop (one mg), and increase as tolerated. Should not drive until know how you respond.

Cannabidiol (CBD)

Select Target Cannabinoid

Cannabidiol (CBD)

Beta-caryophyllene x

Target Daily Dose

25

Select Unit

mg

Select Frequency

2

Select Time

Daily

Daily Dose 1

10

Select Unit

mg

Select Shift

Morning

Daily Dose 2

15

Select Unit

mg

Select Shift

Afternoon

Ingestion Method

Sublingual

Notes

Begin with one drop (one mg), and increase as tolerated. Do not drive until it is clear how it will effect you.

Meaningful Guidance

Target Cannabinoid: Cannabidiol (CBD)

Tarpenes: Beta-caryophyllene

Target Dose: 70 mg

Frequency: 3 x Daily

Daily Dose 1: 30 mg Morning

Daily Dose 2: 20 mg Afternoon

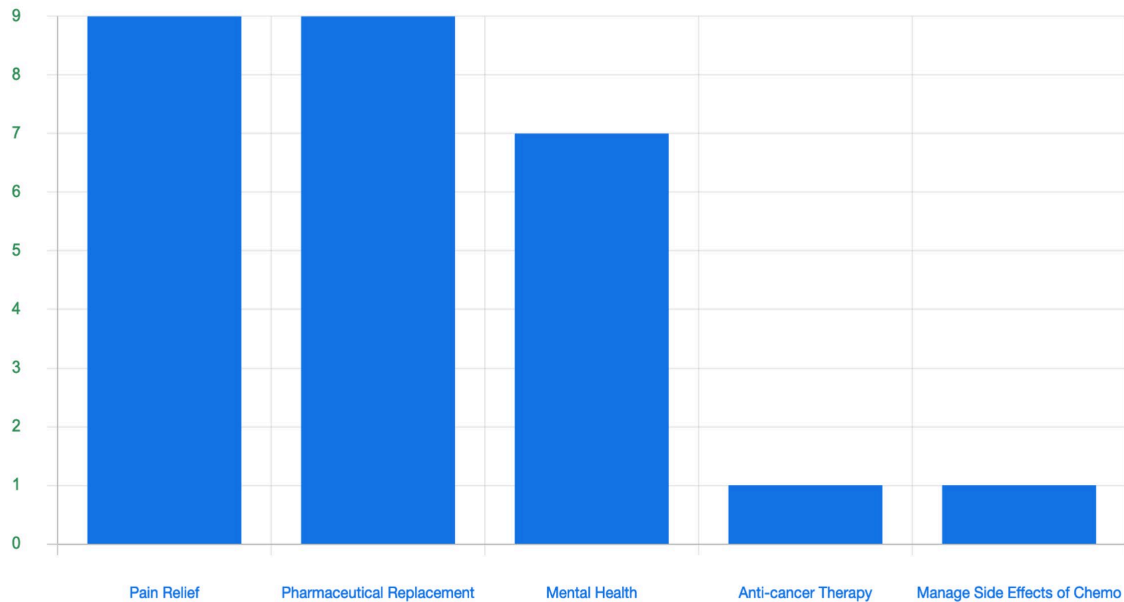
Daily Dose 3: 20 mg Evening

Ingestion Method: Sublingual

Notes: Cornbread is ~1.6mg per drop. In order to achieve the target dose of 70mg daily, Currently at 12mg per dose, so increase in 5-10mg increments (3-6 drops per dose).

Meaningful Data

Top Objectives



Thank You



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We want to hear from you!

Scan the QR code below to provide your feedback on the presentation.

