List of the Medical Marijuana and Me  $(M^3)$  study measures by design and collection timepoint.

			ollection tin	
Study measure	Baseline	Cohort stud 3 months	9 months	Cross- sectional study
Demographics				
Age in years	X			x
Race/Ethnicity	Х			X
Sex at birth	X			Х
Gender identity	X			X
Highest level of education	X			X
Employment status	Х			Х
Veteran status	X			X
Health insurance	Х			X
Annual family income in last year	X			X
ZIP code	X			X
General health				
Overall health status (Short Form (SF-8) Health Survey) [8,9]	х	X	X	X
Depression (PHQ-8) [10,11]	X	X	X	X
Anxiety (GAD-7) [12]	X	X	X	X
PTSD (adapted from DSM-5 (PC-PTSD-5)) [13,14]	Х	X	X	X
Pain (BPI) [15]	Х	X	X	X
Quality of sleep (single item adapted from PSQI) [16]	X	X	X	X
Positive affect (PROMIS) [17,18]	X	X	X	
Anger (PROMIS) [17,18]	X	X	X	

	Study type and collection timepoint				
Study measure	(	Cohort study		Cross-	
	Baseline	3	9	sectional	
	Dasenne	months	months	study	

Ever used during a lifetime	X			
Age when used for the first time	X			X
Weekly use	X			Х
Number of years used weekly	X			Х
Daily use	X			X
Number of years used daily	X			Х
Marijuana use experience level	X			
Marijuana products ever tried before medical marijuana	X			
Marijuana use in the last six months	X			
Frequency of marijuana use in past 6 months (from CUDIT-R) [19]	X		X	X
Frequency of marijuana use in past 3 months (from CUDIT-R) [19]		Х		
Frequency of marijuana use per day in an average use day	Х			
Flower use in the past 30 days	Х			
Frequency of flower use in the past 30 days	Х			
Frequency of flower use per day in an average use day	X			
Ever used CBD	X			
Frequency of CBD use in past 6 months	X			
Amount of money spent on marijuana in a typical month	X			

## Alcohol and other substance use

Alcohol use (AUDIT-C) [20]	Х	X	X	X
Cigarette smoking use (from BRFSS) [21]	X	X	X	
E-cigarette/vape use (from BRFSS) [21]	Х	X	X	
Frequency of opioid use (with prescription) in past 30 days	Х	X	Х	
Frequency of opioid use (without prescription) in past 30 days	X	X	X	

		type and co Cohort stud	ollection tin	nepoint Cross-
Study measure	Baseline	3 months	9 months	sectional study
Frequency of benzodiazepine use (with prescription) in past 30 days	X	Х	X	· · ·
Frequency of benzodiazepine use (without prescription) in past 30 days	X	X	X	
Frequency of amphetamine use (with prescription) in past 30 days	X	X	X	
Frequency of amphetamine use (with prescription) in past 30 days	X	X	X	
Frequency of cocaine/crack use in past 30 days	X	X	X	
Frequency of hallucinogens use in past 30 days	X	X	X	
Frequency of synthetic marijuana use in past 30 days	X	X	X	
Frequency of kratom use in past 30 days	X	X	X	
Use of recreational substance to track	X			
Substance name to track (up to 3 substances)	X			
Change in substance tracked		X	X	
Use of (alcohol, cigarettes, vapes, cocaine, hallucinogens, club drugs, synthetic marijuana, and kratom) in past 5 years				X
Change in (alcohol, cigarettes, vapes, cocaine, hallucinogens, club drugs, synthetic marijuana, kratom) since starting medical marijuana				X
Is change in use (alcohol, cigarettes, vapes, cocaine, hallucinogens, club drugs, synthetic marijuana, kratom) related to medical marijuana?				X
Use of (opioids with and without prescription, amphetamines with and without prescription, benzodiazepines with and without prescription) in the past 5 years				X
Change in (opioids with and without prescription, amphetamines with and without prescription, benzodiazepines with and without prescription) since starting medical marijuana				X
Is change in use (opioids with and without prescription, amphetamines with and without prescription, benzodiazepines with and without prescription) related to medical marijuana?				X

	Study	Study type and collection timepoint				
Study mooguno		Cohort stud	ly	Cross-		
Study measure	Baseline	3	9	sectional		
	Dasenne	months	months	study		

Medications				
List of current medications (medication name, dose, frequency of use, and route of administration)	X	X	X	x
Use of medications to track	X			
Medications names to track (up to 3)	X			
Change in medications tracked		X	X	
Tried to reduce specific medications in past 5 years				Х
Name of 3 medications tried to reduce in past 5 years				Х
Overall change of medication use since starting medical marijuana				Х
Is a change in medication use related to medical marijuana?				X

cal conditions				
Medical conditions diagnosed by healthcare professional	Х			X
Cancer: type of cancer	X			X
Cancer: metastasis	X	X	X	X
Cancer: current cancer status	X	X	X	Х
Cancer: current cancer treatment	X	X	X	Х
Medical marijuana effect on medical conditions		X	X	Х
Method of marijuana use that was most effective for each condition		X	X	Х
Name of product that works best for each condition		X	X	X
Other health benefits of medical marijuana		Х	Х	Х
Knowledge of care providers about medical marijuana use		X	X	Х
Cancer: knowledge of oncologist/provider about use/ intent to use	X	X	X	X

			ollection tin	nepoint	
Study measure	(	Cohort stud		Cross-	
	Baseline	3	9	sectional	
		months	months	study	
Reasons for using or stopping medical marijuana					
Medical conditions that are reasons for medical marijuana use	X			X	
Certified medical condition	X			X	
Cancer: cancer-specific reason for use	X			X	
Marijuana use motive (recreational vs. medical)	X	X	X	X	
Reasons for stopping		X	X		
Thinking about stopping use		X	X		
Reasons for thinking about stopping use		X	X		
Expectations					
Expected effectiveness	X				
Concern about addiction/dependence on medical marijuana	X	X	X	X	
Likelihood to be taking marijuana in a year	X	X	X	X	
Duration of medical marijuana use					
Still using medical marijuana		X	X		
Duration of medical marijuana use		X	Х	X	
Duration of use before stopping		X	X		
Year first obtained medical marijuana card in Florida				X	
Medical marijuana products					
Products tried from the medical marijuana program in Florida (flower, vaporizer cartridges or vape pen (liquid, NOT flower), concentrates (for vaping		X	X	X	

	Study	type and co	ollection tin	nepoint	
Study measure	(	Cohort stud	U Contraction of the second se	Cross-	
Study measure	Baseline	3	9	sectiona	
	Dasenne	months	months	study	
or smoking), topicals, oral tinctures (with a dropper), oral concentrates, oral					
capsules or edibles (chews, lozenges, chocolates, or gels), other.					
Products used in the past 30 days (all products)		X	X	X	
Reasons for not using the product (all products)		X	X	X	
Frequency of product use in past 30 days		X	X	X	
Frequency of product use in a typical day (all products)		X	X	X	
THC concentration (all products)		X	X	X	
Duration to effect onset (all products)		X	X	X	
Duration of effects to last (all products)		X	X	Х	
CBD: THC ratio (all products)		X	X	X	
Number of strains tried (all products)		Х	X	Х	
Strain used most (all products)		X	X	Х	
Duration to consume one flower container		Х	X	Х	
Number of flower containers used per month		Х	Х	Х	
Frequency of methods to consume flower in past 30 days (smoking, vaping,					
cooking)		X	X	X	
Number of hits, tokes, or puffs per session when smoking/vaping					
flower/cartridges/concentrates		X	X	X	
Number of seconds when inhaling smoke or vape		X	X	Х	
Frequency of using concentrate methods in past 30 days (shatter, rosin, wax,					
keif, crumble, dab tab, hash)		X	X	X	
Frequency of using at least 25 mg (rice-sized) of concentrate in past 30 days		X	X	X	
Frequency of using topical methods in past 30 days (patch, cream, lotion,					
balms, salves, spray, transdermal gel, oil)		X	X	Х	
Milliliters of tincture consumed per occasion		X	X	Х	
Average milligrams of THC and CBD consumed when using tinctures					
Frequency of using oral concentrate methods in past 30 days (distillate syringe,		_	_		
RSO syringe)		X	X	X	
Amount of oral concentrate per occasion		X	X	Х	

	Study	type and co	ollection tin	nepoint	
Study measure	(	Cohort study		Cross-	
Study measure	Baseline	3 months	9 months	sectional study	
Frequency of oral methods in past 30 days (capsule/tablets, gel/gummies, brownie/cookie)		X	X	X	
Amount spent on products per month in USD		X	X	X	
Overall preferred medical marijuana and/or a product type or strain		X	X	X	
Preferred method of using medical marijuana		X	X	X	
Name of overall preferred strain/product		Х	X	X	
Amount of used marijuana from a Florida dispensary		X	X		
Side effects					
Symptoms bothered by in the past 2 weeks	X	X	X	X	
Were symptoms caused by medical marijuana?		X	X	X	
Severe side effects requiring an emergency room visit, seeing a physician, being hospitalized, or feeling extremely sick for a few hours		X	X	X	
Describe severe side effects		X	X	Х	
Frequency of severe side effects		X	X	Х	
Concurrent use of substance/ medication when severe side effect occurred		X	X	Х	
Mode of consumption when severe side effect occurred		X	X	X	
Cannabis use disorder (CUDIT-R) [19]	X	X	X	X	
Beliefs and opinions					
Agree that marijuana products with high THC will be more effective	X	X	X	X	
Preference to try low-THC products	X	Х	X	X	
Importance of CBD in the medical effects of medical marijuana	X	X	X	X	
Importance of including terpenes in medical marijuana products	X	X	X	X	
Factors influencing products tried		X	Х	Х	
Interest in growing own medical marijuana if it becomes legal in Florida		X	X	X	
Additional topics that should be researched	X			X	

	Study type and collection timepoint				
Study measure	(	Cohort study		Cross-	
·	Docolino	3	9	sectional	
	Baseline	months	months	study	

Abbreviations: AUDIT-C, Alcohol Use Disorders Identification Test-Concise [20]; BPI, Brief Pain Inventory [15]; BRFSS, Behavioral Risk Factor Surveillance System [21]; CBD, cannabidiol; CUDIT-R, Cannabis Use Disorders Identification Test-Revised [19]; DSM-5 (PC-PTSD-5), Primary Care Post Traumatic Stress Disorder Screen for the Diagnostic and Statistical Manual of Mental Disorders, Fifth Edition; GAD-7, General Anxiety Disorder-7 [12]; NA, not applicable; PHQ-8, eight-item Patient Health Questionnaire depression scale [10,11]; PTSD, Post Traumatic Stress Disorder [13,14]; PROMIS, Patient-Reported Outcomes Measurement Information System [17,18]; PSQI, Pittsburgh Sleep Quality Index [16]; SF-8, Short Form-8 [8,9]; THC, tetrahydrocannabinol.

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