

# Rising Dangers of Fentanyl and Opioids

Investigator Sean Malloy  
Alabama State Board of Pharmacy  
E-mail: [smalloy@albop.com](mailto:smalloy@albop.com)  
Office: (205) 981-2280  
Cell: (205) 306-1754  
Fax: (205) 803-6475

# Disclosure / Conflict of Interest

I, Sean Malloy, have no actual or potential conflict of interest financially or otherwise in relation to this program.

# Course Objectives

- ▶ Identify current opioid abuse trends; both prescribed and illicit opioids.
- ▶ Describe the effects of abused opioids on other controlled medications that are abused.
- ▶ Discuss state regulations and rules to help prevent diversion in hospital pharmacy settings.



# Statistics: Believe the numbers

- ▶ According to the 2023 Drug Threat Assessment for Alabama prepared by Gulf Coast HIDTA, the top six narcotic threats for 2021-2022 as reported by law enforcement in Alabama are:
- ▶ Fentanyl and other opioids
- ▶ Methamphetamine
- ▶ Heroin
- ▶ Cocaine
- ▶ Marijuana
- ▶ Controlled Prescription Drugs



# Statistics Continued

- ▶ From the same report, drug treatment centers have listed the following top six narcotics Alabamians have received treatment for during the same time period:
- ▶ Methamphetamine
- ▶ Fentanyl and other opioids
- ▶ Heroin
- ▶ Controlled Prescription Drugs
- ▶ Marijuana
- ▶ Cocaine/Psychoactive Drugs



# Statistics Continued

- ▶ Mental Health Admissions according to same report; top six narcotics - based admissions:
- ▶ Controlled Prescription Medications
- ▶ Marijuana
- ▶ Methamphetamine
- ▶ Heroin
- ▶ Cocaine
- ▶ Psychoactive Drugs



# Greatest Increased Availability

- ▶ Fentanyl and other opioids
- ▶ Methamphetamine
- ▶ Heroin
- ▶ Marijuana
- ▶ Controlled Prescription Drugs
- ▶ Cocaine
- ▶ Gulf Coast HIDTA 2023 Drug Threat Assessment for Alabama



# Common Opiate Medications

- Buprenorphine
- Codeine (1:0.15 ME)
- Fentanyl (1:100)
- Hydrocodone (1:1)
- Lortab (hydrocodone)
- Methadone (1:9)
- Morphine (1:1)
- OxyContin (1:1.5)
- Percocet (oxycodone)
- Tramadol (Ultram)
- Vicodin (hydrocodone)

ME: Morphine Equivalence

#### Sources:

<http://www.opiates.com/opiates/opiate-library.html>  
[http://en.wikipedia.org/wiki/List\\_of\\_benzodiazepines](http://en.wikipedia.org/wiki/List_of_benzodiazepines)

## Avoid Benzodiazepines

- Alprazolam (Xanax, Paxal)
- Diazepam (Valium, Pax)
- Flurazepam (Dalmadorm)
- Lorazepam (Temesra)
- Prazepam (Centrax)

### **Deadly Cocktail**

Vicodin, Xanax, Soma

### **Holy Trinity**

Percocet, Xanibar, Soma

Harris Silver, MD: [hsilver30@comcast.net](mailto:hsilver30@comcast.net)

# The Most Commonly Abused Opiates



HEROIN

MORPHINE

CODEINE

FENTANYL

MEPERIDINE

OXYCODONE

HYDROCODONE/DIHYDROCODEINONE

HYDROMORPHONE

OXYMORPHONE



# Current Opioid Drugs Abused Most Frequently in Alabama

Hydrocodone



Oxycodone



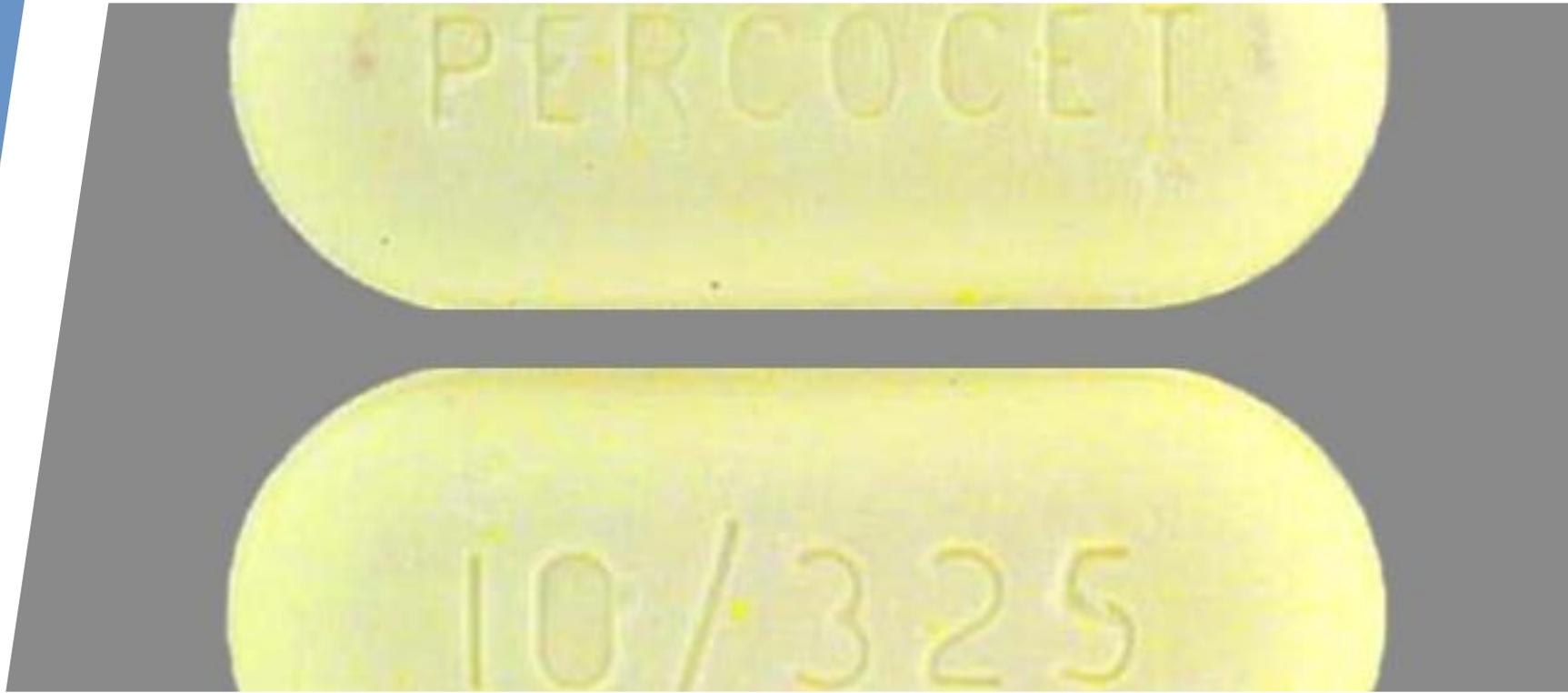


## Norco (Hydrocodone/Acetaminophen)



# Oxycontin(Oxycodone Hydrochloride) 80mg





## Percocet 10mg (Oxycodone/Acetaminophen)

Possibly the most desired pain medication sold illicitly here in Alabama



# Controlled Prescription Medications Dispensed in Alabama-CII

- ▶ In 2020, a total of 293,894,755 CII medications dispensed.
- ▶ In 2021, a total of 287,009,919 CII medications dispensed.
- ▶ There has been a decrease of 6,884,836 CII medications dispensed in a fiscal year of dispensing.
- ▶ The estimated population of the State of Alabama in 2021 was 5,056,005.
- ▶ Alabama is on the decline in prescription opioid abuse since 2015 but still has a way to go.



# What effects do opioid misuse have on our communities?

- ▶ Those using illicit fentanyl/heroin are responsible for 10% of violent crimes in Alabama while those abusing fentanyl/other opioids are responsible for 4% of violent crimes.
- ▶ Those using illicit fentanyl/heroin are responsible for 10% of property crime in Alabama while those abusing fentanyl/other opioids are responsible for 4% of property crimes.



# Effects On Abuse Of Other Controlled Medication



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## Adderall(Amphetamine/Dextroamphetamine)





## Concerta (Methylphenidate HCL)



# Vyvanse (Lisdexamfetamine Dimesylate)



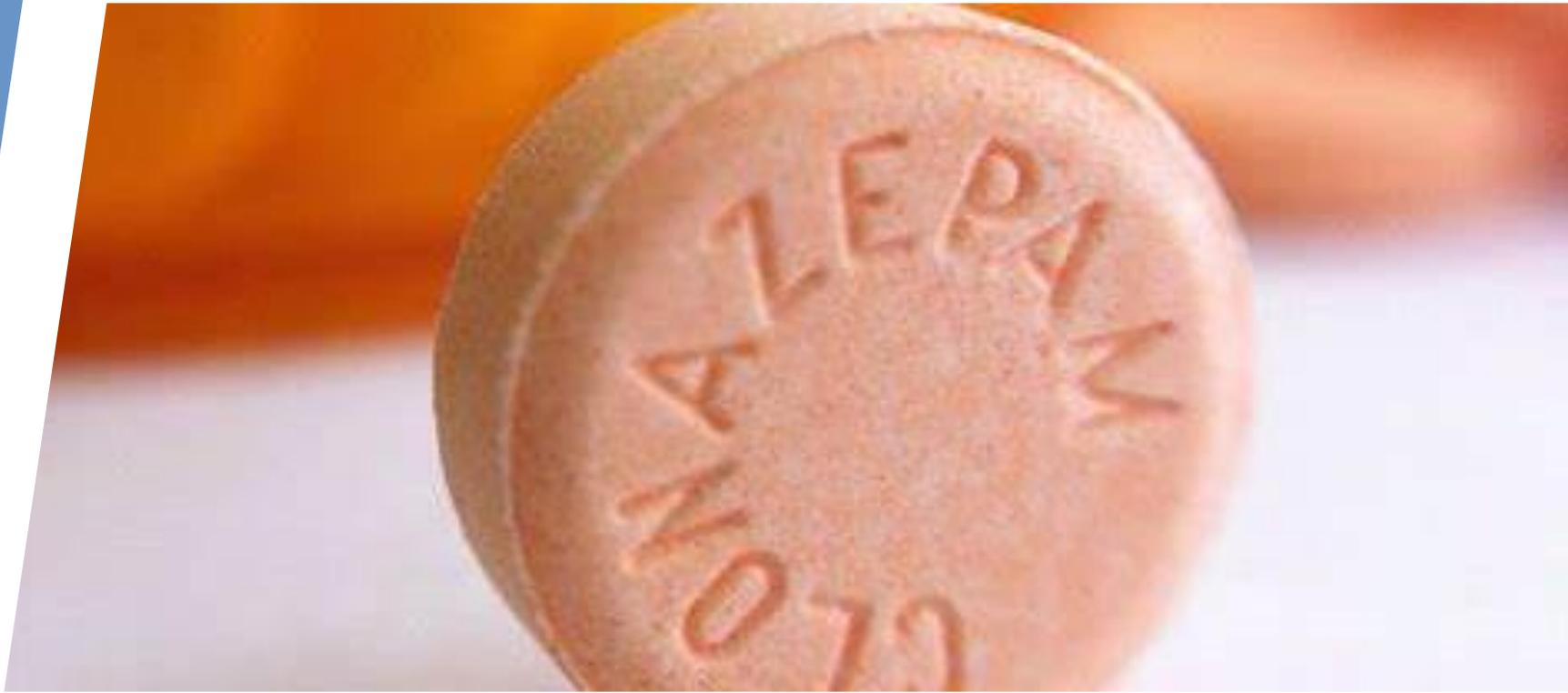


## Most Abused Benzodiazepines





# Alprazolam (Xanax) “Xannies” “School Bus”



Clonazepam-also referred as klonopin





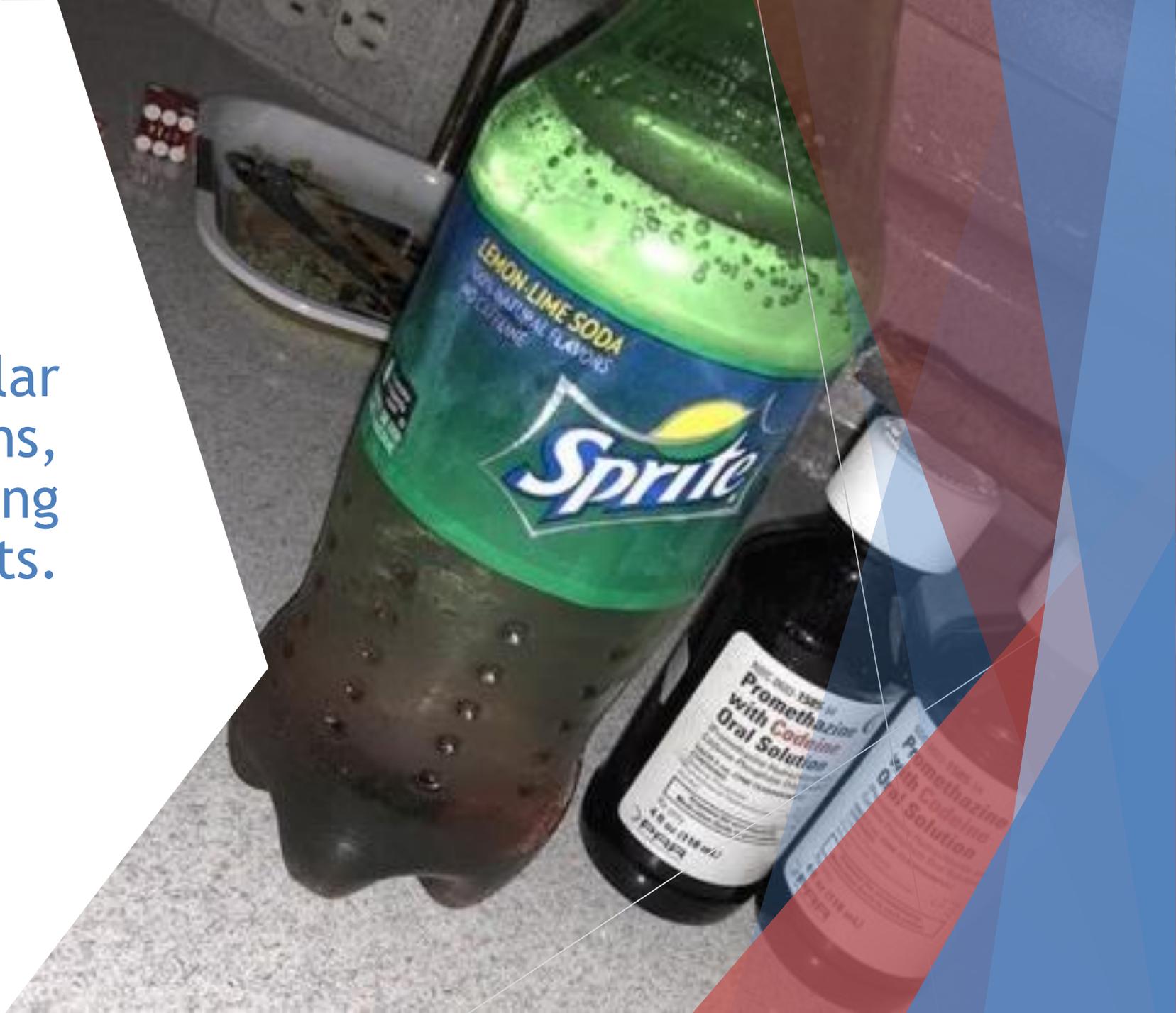
Diazepam-  
Valium is a common type of diazepam



# Promethazine with Codeine



“Lean” is still popular among our pre-teens, teenagers, and young adults.









# Fentanyl Candy



# Fentanyl Gummies



# Rainbow Candy



# Heroin



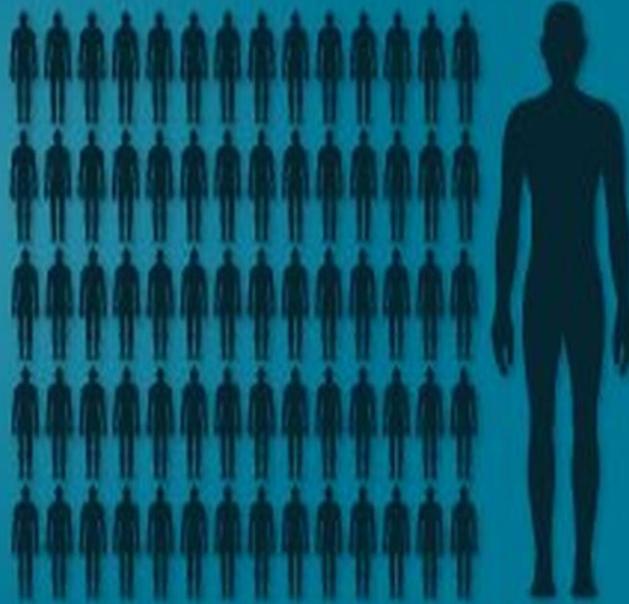
# Purple Heroin

- ▶ Heroin, acetaminophen, fentanyl
- ▶ Heroin, fentanyl, carfentanil



# Carfentanil

To put this in perspective, wild African elephants—an animal that Carfentanil is used on—weigh between **5,000 and 14,000 lbs** as reported by National Geographic, which is roughly **26 to 72 times** the weight of your average adult male of **195.5 lbs**.



# Dose of Carfentanil that may cause death

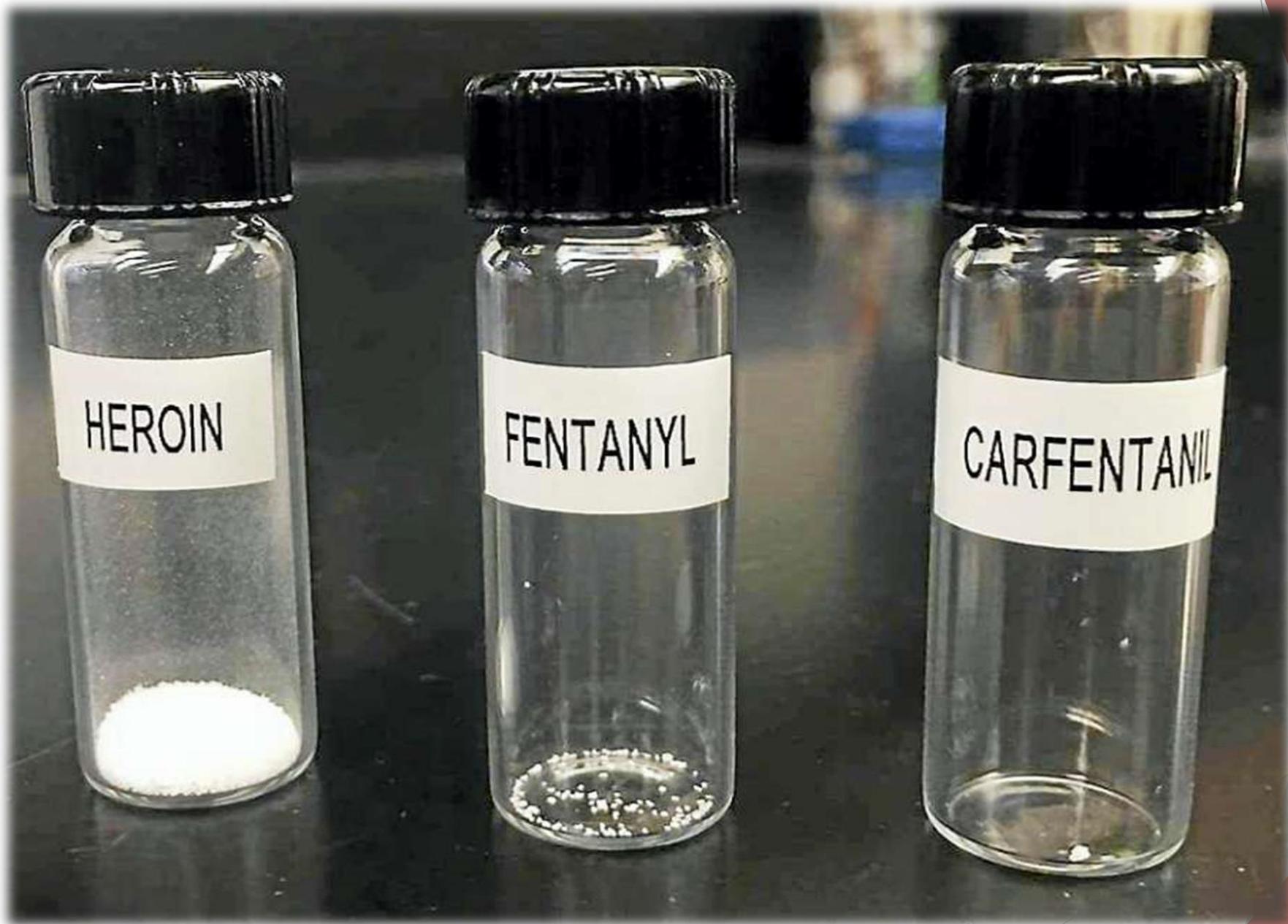


# Illicit or Fake Prescription Pills



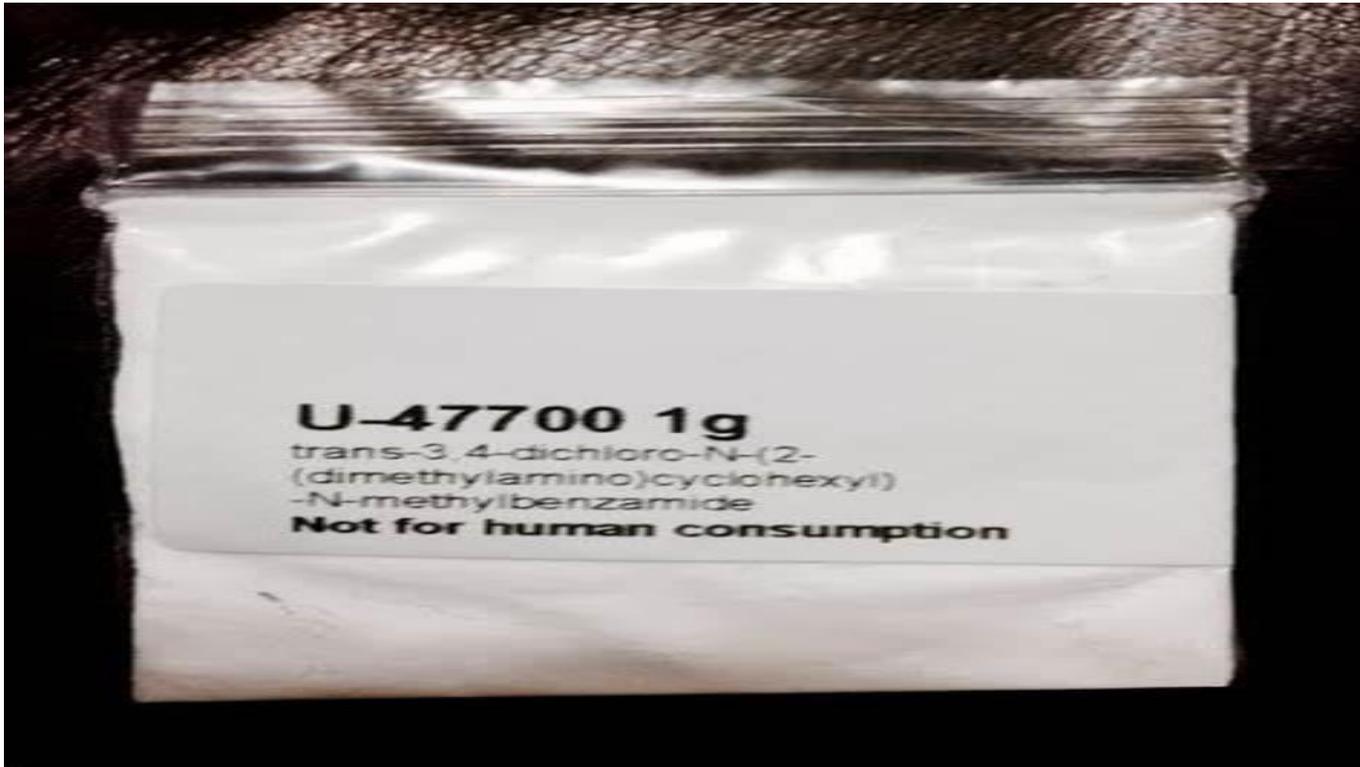
- ▶ “No Face Pills”
- ▶ Can be a deadly mix of heroin, meth and/or fentanyl



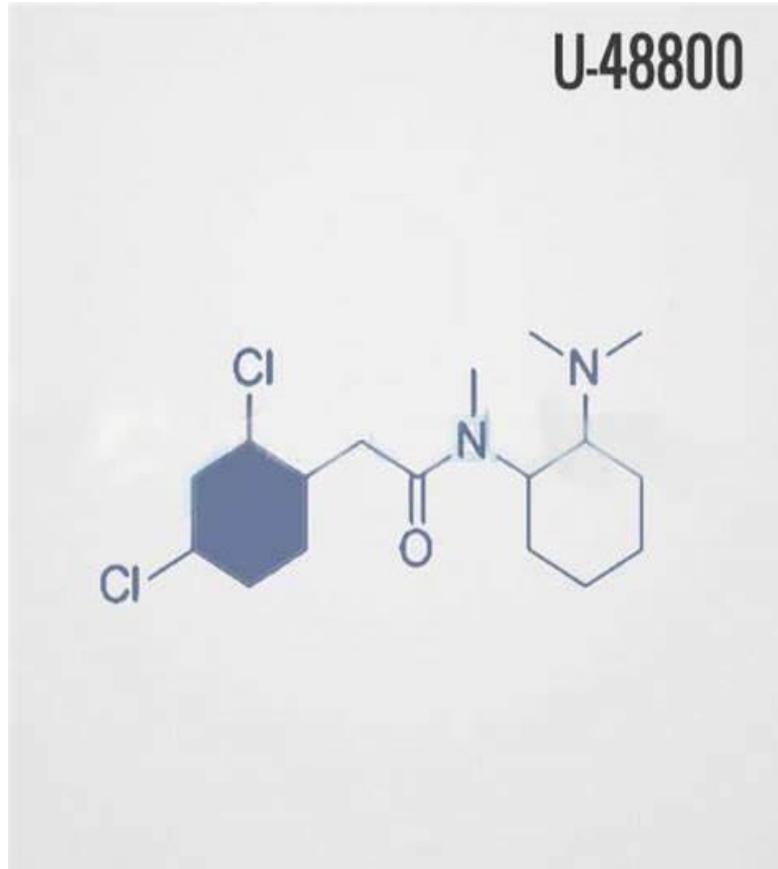


# Synthetic Opioids

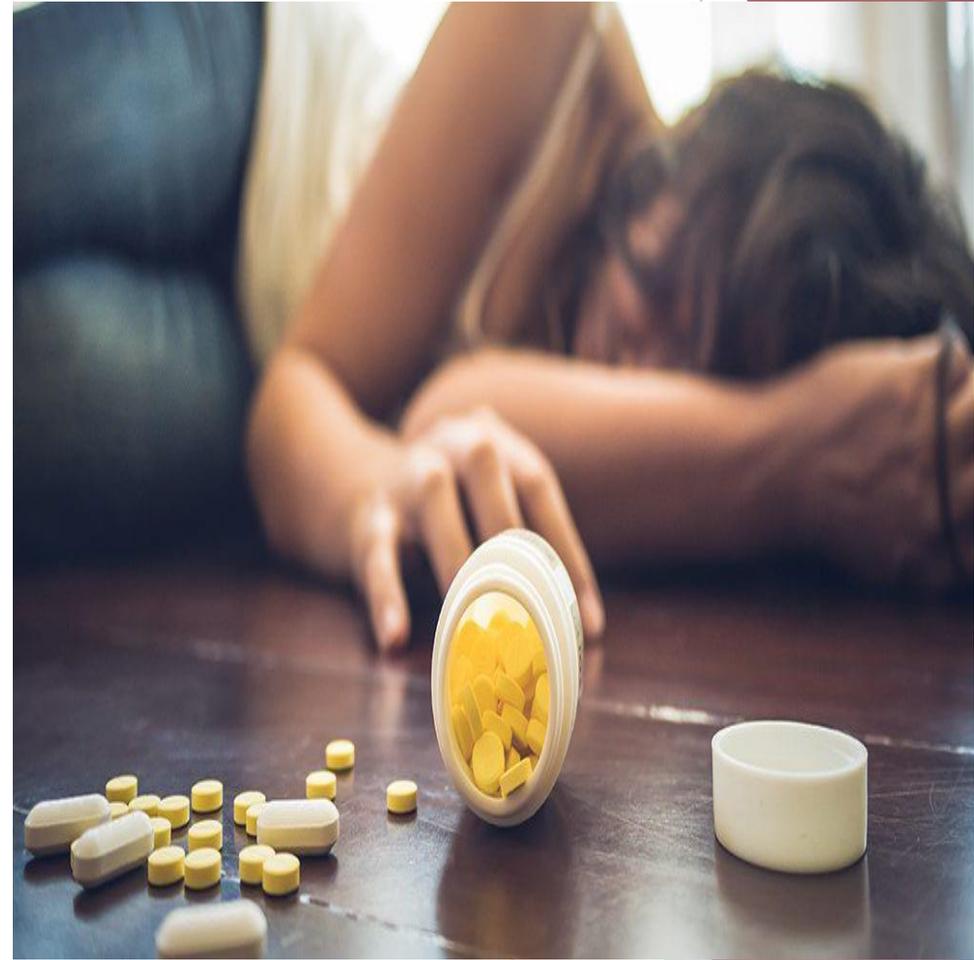




# U-48800



# Drug crimes are victimless! Really?



# Death by consumption



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**Title 34**  
**Chapter 23**  
**Practice of**  
**Pharmacy Act**  
**205**

**Article 1-General Provisions:**

**Section 34-23-7 Illegal  
Possession of Prescription  
Drugs (Non-Controlled)  
Criminal Misdemeanor**

**Under criminal code Title 13,  
13A-12-212 is considered  
Unlawful Possession of a  
Controlled Substance-Criminal  
Felony**



# Title 34

## Chapter 23

### Practice of Pharmacy Act

#### 205

### Article 3-Pharmacies:

- Section 34-23-74 governs hospitals and related institutions; automated dispensing systems.
- Hospital pharmacy shall be supervised by a licensed pharmacist.
- Hospitals and nursing homes that utilize automated dispensing devices for storage and dispensing shall be stocked only by a licensed pharmacist.



# Alabama State Board of Pharmacy Administrative Code - Chapter 680-X-2

- ▶ **680-X-2-.11 Pharmacy Keys or Other Controlled Access Device or Method**
- ▶ **680-X-2-.18 Institutional Pharmacies**
- ▶ **680-X-2-.18 (5) Drug Distribution and Control**
- ▶ **680-X-2-.18 (6d) General Requirements for Automated Dispensing Systems**



# Senate Bill 168/House Bill 187

## Amend current statute 13A-12-260

- ▶ Bill primarily sponsored by State Republican Senator Jim McClendon (Springville) and House Republican Allen Treadaway (Morris).
- ▶ Relating to controlled substances; to create an exception for an individual to test for the presence of certain drugs (fentanyl or fentanyl byproducts)
- ▶ Current criminal statute 13A-12-260 states in part; It is unlawful to possess, deliver or sell testing equipment for the purpose of knowing they will be used to violate the controlled substance law. Class A misdemeanor for first conviction then Class C felony on subsequent convictions.
- ▶ SB168 has passed in state senate and HB 187 passed in the state house as of 03/10/22.



# Assessment Questions

- ▶ Most abused fentanyl products are obtained by legal means. True or False
- ▶ There has been a positive decrease in the amounts of prescribed opioids in the State of Alabama since 2015. True or False
- ▶ Correctly managed automated dispensing devices are a deterrent to diversion of controlled medication. True or False



Humble pleasure to serve you! Thank you!

