

# C.O.R.E. Medical Clinic, Inc.

MAT Presentation

8/17/23

Fentanyl Awareness Day

# Pharmacology of opioids\*

- ◆ Brain produces natural opioids
- ◆ Brain responds to external opioids as if they were biologically essential for survival (creates intense drug cravings)
- ◆ Withdrawal symptoms are the driving force in chronic relapse
- ◆ Natural opioids are involved in a variety of behaviors including:
  - Analgesia
  - Mood
  - Digestion
  - Blood pressure
  - Body temp
  - Respiration
  - Sleep

# Methadone and Buprenorphine

## ◆ BENEFITS

- Long half life = 24-36 hours
- Blocking effect
- Prevents withdrawal symptoms
- Gold standard for treating pregnant women addicted to opioids
- Liver safety – breaks down and stores methadone
- Reduces drug cravings
- raises your level of dopamine to normal levels

\*bup has a built in ceiling affect that makes it safer

\*bup is taken sublingually

\*bup has a maximum dose of 32mgs, which often times isn't powerful enough to provide 24 hours of relief from withdrawal symptoms (methadone appears to be a better option for moderate to severe fentanyl users)

Because of the high OD rate with fentanyl we can't wait for people to hit ROCK BOTTOM before considering recovery

# BENEFITS OF MAT

Study after study has shown that MAT:

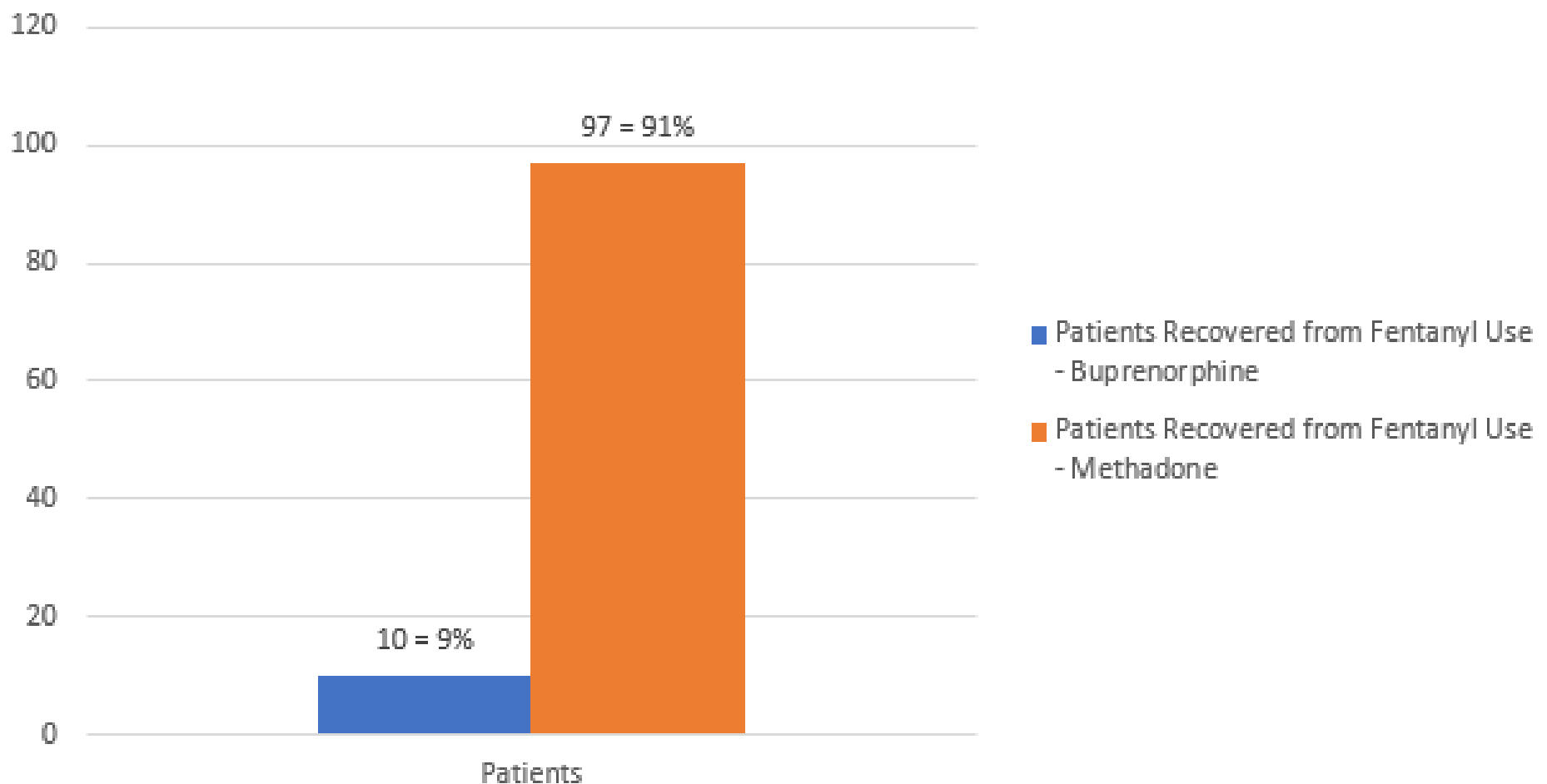
1. Reduces illicit drug use
2. Reduces criminal activity
3. Reduces the spreading of HIV and HCV
4. Reduces hospitalizations and ER visits
5. Successful pregnancies/deliveries
  - dose will increase in 2<sup>nd</sup>/3<sup>rd</sup> trimester
6. **MOST IMPORTANTLY:** Reduces OD occurrences and deaths

# CORE admissions by primary drug of choice

<u>YEAR</u>	<u>FENTANYL</u>	<u>HEROIN</u>
◆ 2018	0%	73%
◆ 2019	1%	74%
◆ 2020	14%	71%
◆ 2021	22%	60%
◆ 2022	39%	46%
◆ 2023 (thru 7/31)	60%	25%

# CORE W. Sac statistics

Patients Recovered from Fentanyl Use by Modality



# CORE Sacramento statistics

Patients Recovered from Fentanyl Use by Modality - Capitol

