

Overdoses

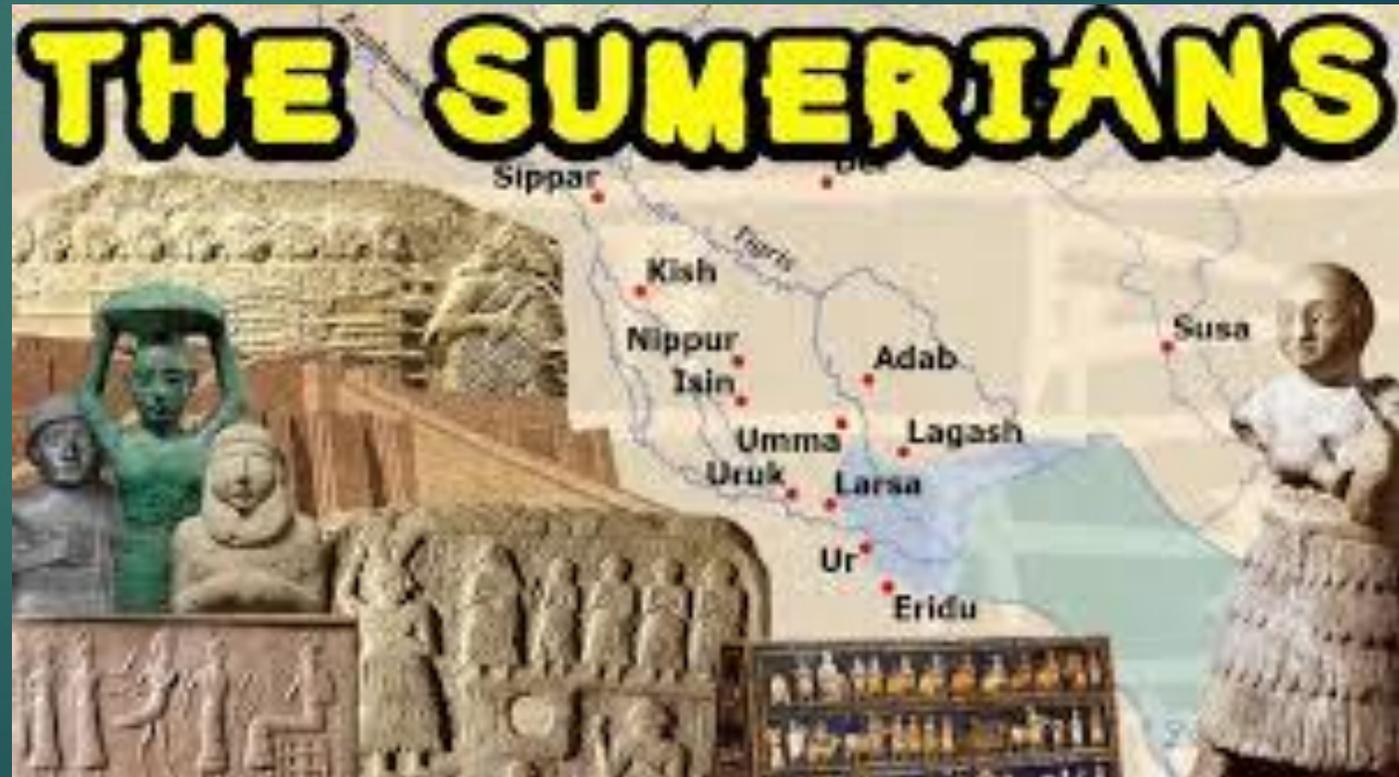
Detective George Barrett

- ▶ 26 years in Law Enforcement
 - ▶ 3 years Dispatcher
 - ▶ 20 years Patrol
 - ▶ 5 as a supervisor
 - ▶ Negotiations Team
 - ▶ Drone Pilot
 - ▶ Training Officer
 - ▶ 2 ½ years in Narcotics
 - ▶ Overdose investigator
 - ▶ Jail Investigator
 - ▶ Seafood, Motorcycles, Short walks on the beach and beer....



Where did it all start?

- ▶ 3000 years ago in a land far far away...
- ▶ Sumerians



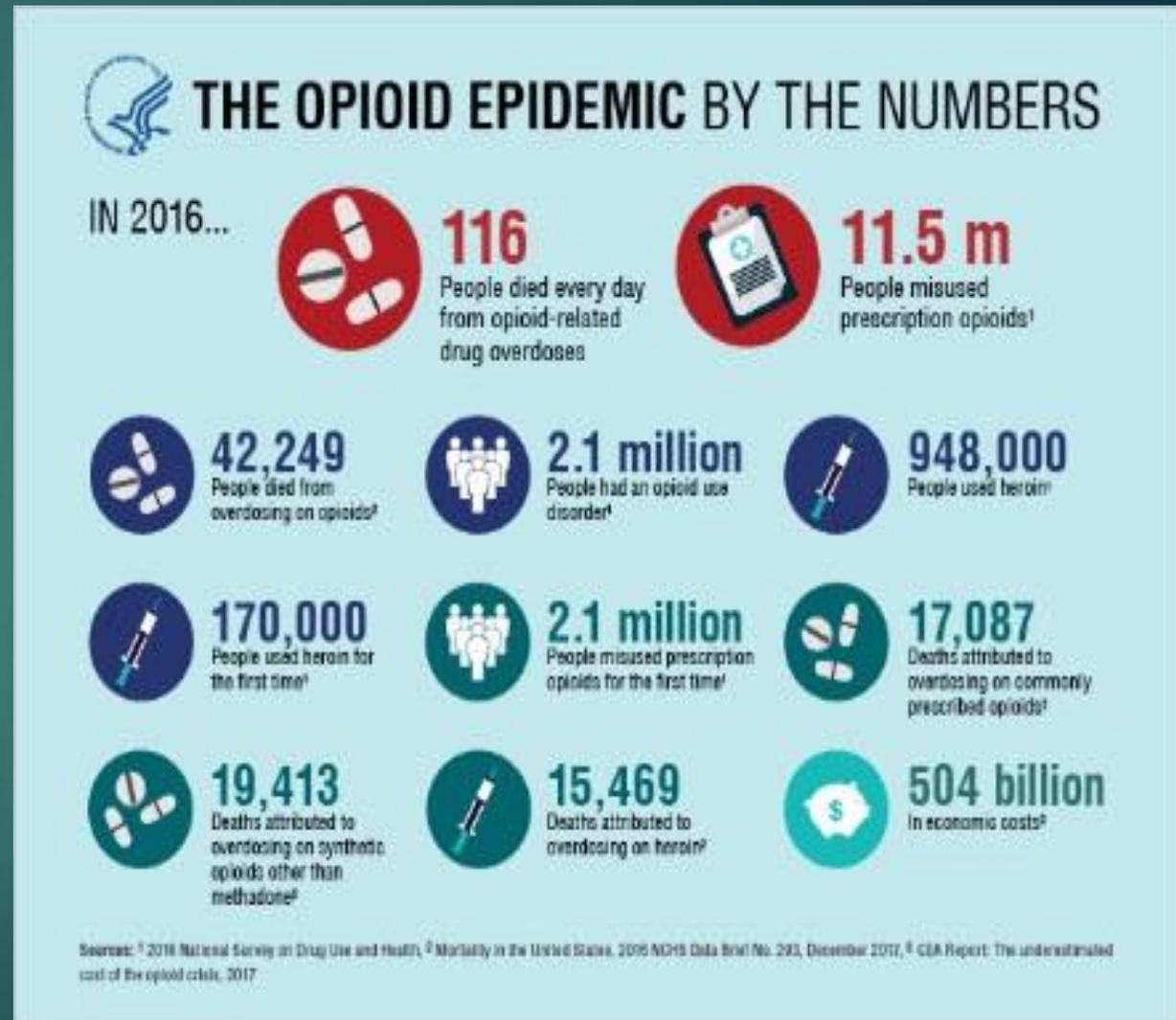
Poppy plant

- Poppy plant
 - Opium
 - Euphoric feelings
 - Pain reducing effects



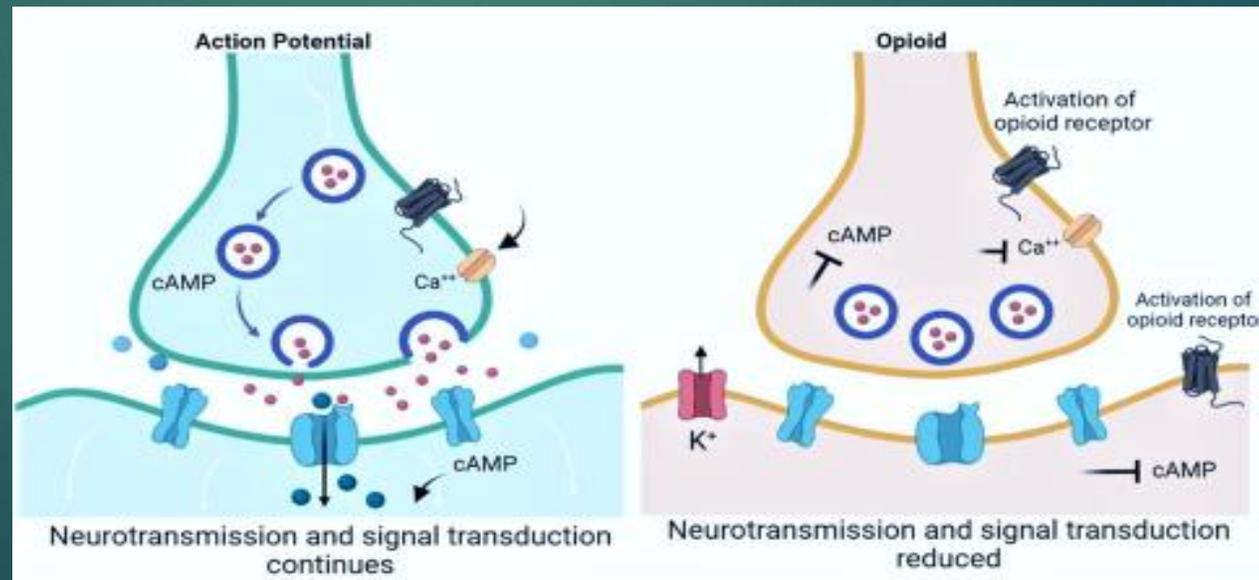
And along comes Big Pharma

- ▶ Synthetic opiate derivatives such as
 - ▶ Morphine, Codeine, Fentanyl
- ▶ Pain killers.....
 - ▶ Doctors urged to prescribe
 - ▶ Perks
 - ▶ \$\$\$
 - ▶ Overprescribing



How they work

- ▶ Endorphine receptors and Opioid receptors
- ▶ Reduced pain and feeling of a “high”
- ▶ Attach to opioid receptors stronger than natural opioids.



And then this happens.....

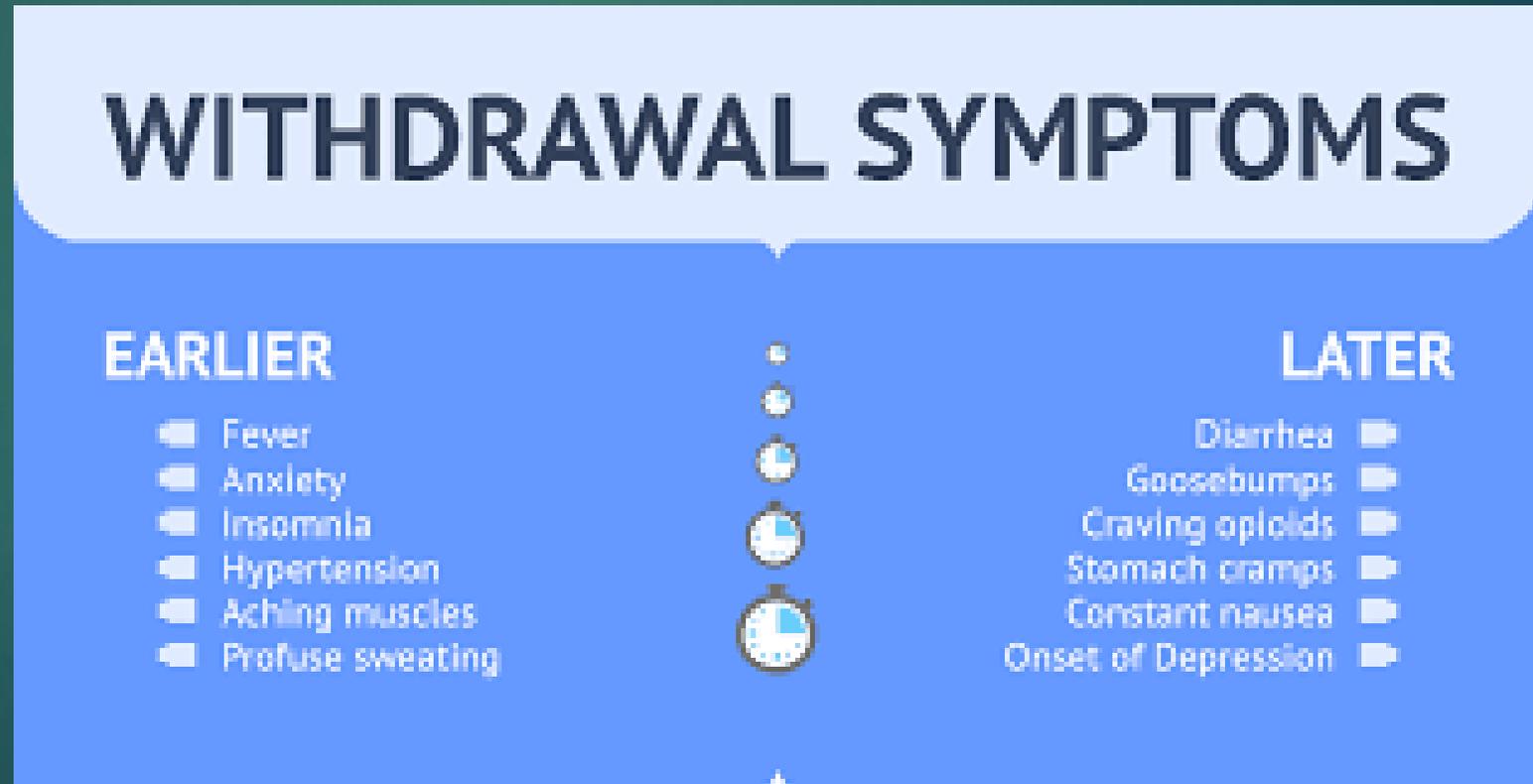


Result....

- ▶ Decreased pain and increased good feelings....increased endorphins
- ▶ More Endorphine receptors
- ▶ Takes more opioids to achieve same effect
- ▶ You see where this goes....

Withdrawals...

- ▶ Endorphine receptors get super sensitive causing symptoms of withdrawals...



The fix?

- ▶ They run out and resort to street drugs such as
 - ▶ Pressed pills
 - ▶ “Heroin”
 - ▶ Fentanyl

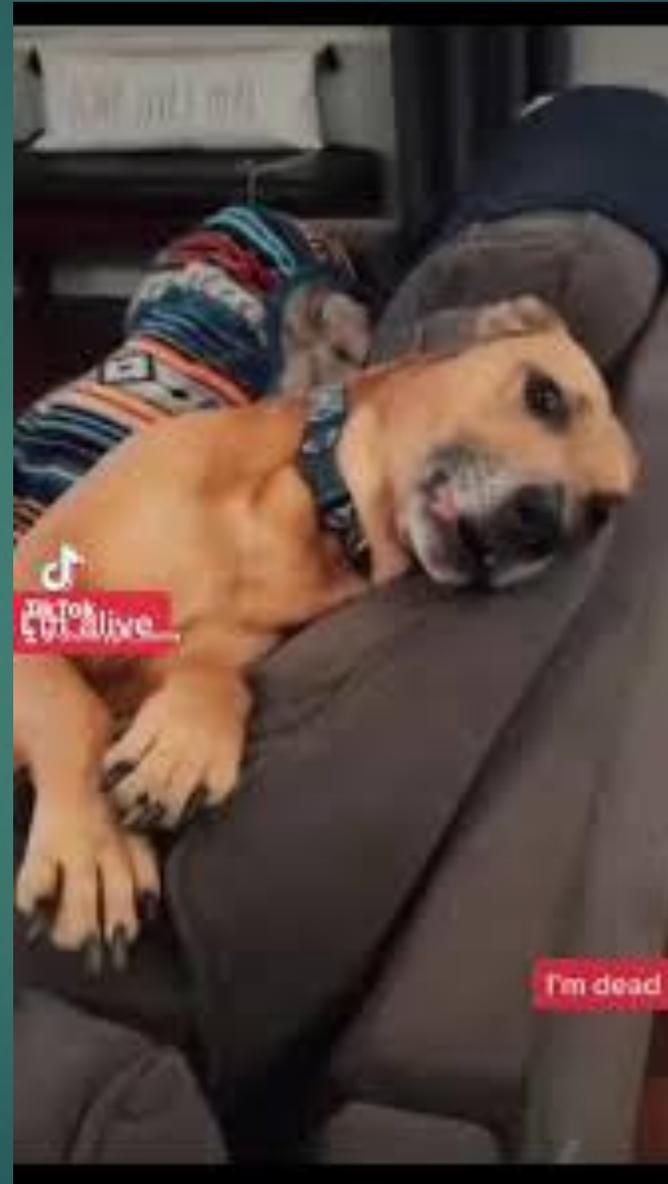




NARCAN to the RESCUE!!!!

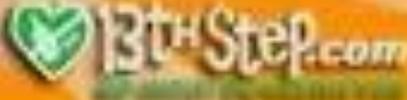


I'm dead again...



It's a bird...It's a plane...it's...

**ASK YOUR DOCTOR IF
SUBOXONE IS RIGHT FOR YOU!**

 3rdStep.com

**SIDE EFFECTS MAY INCLUDE FEELINGS
OF MORAL SUPERIORITY AND A FALSE
SENSE OF BEING CLEAN**

What it does..

- ▶ Attaches to opioid receptors and satisfies the body's need without the psychotropic effects.



RELAPSE!!!!





Statistics.....yay...

- ▶ Since 2010 highest number of overdoses was in 2021 (133 deaths)
- ▶ 76 reported overdoses in RutCo in 2024 (13 deaths)
- ▶ In 2024 most OD's occurred in victims between 25-34 and 55-64
- ▶ 72% were male, 67% white
- ▶ Fent detection is on the rise
- ▶ Cocaine detection increased by 122% in 2023
- ▶ Of completed autopsy cases, 60% had fentanyl
- ▶ 8 cases of Xylazine (Corey will explain this later)
- ▶ 255 non fatal OD reported by Hospitals in 2024
- ▶ 2022 – 9 OD a week, 2023 – 8 OD a week, 2024- 5 OD a week

Where do I come in?

- OD death occurs
- On scene investigation
- Forensic results (digital and tox)
- Examine info from phone dumps, statements from witnesses, friends, family
- Geolocations on victim and suspect phones, obtain video from sales if possible, financial records
- Piece the puzzle together
- Charge those who can be proven to have touched the fatal dope.
- Tennessee – Charged as MDSP Sched II, punished as 2nd degree murder.



Equipment

- ▶ MX908 and Apex Raman 7
 - ▶ Paid for by Big Parma lawsuits
 - ▶ Mass spectrometry
 - ▶ Fast on scene results
 - ▶ Portable
 - ▶ Holds up in court



Questions?

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