SAME NAME NEW FACE FENTANYL 2023

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DISCLOSURES

All relevant financial relationships(s) with any commercial interest to the provider name of commercial interest(s) nature of the relationship with each

NONE

MAKIN' FENTANYL



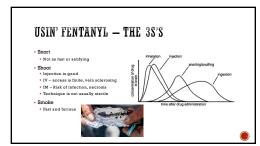
- Precursors are purchased from China and India
- Governments are attempting to stop export of precursors
 Other precursors are available that can be easily converted
- Fentanyl precursors

 4-anilino-N-phenethyl-4-piperidine (ANPP)

 N-phenethyl-4-piperidone (NPP)
- •Mexican labs are processing precursors to fentanyl
- Pill presses







*Most pills contain fentanyl although fentanyl analogs have been found *Para-fluorofentanyl *Valeryl fentanyl *And then the adulterants

ADULTERANTS	3	Zimeta' Soyra in pactor And the control of the co
Increases profits,	may enhance effects	Tanana Casha
Dipyrone or metar NSAID sold in co	mizole ountries outside of North Am	nerica
•May cause agr	anulocytosis, aplastic anemi	ANGETOP 500 mg
-Acetaminophen		Separate Sep
	High	

XYLAZINE

- "Tranq", "tranq dope", "zombie drug"
- ■Clonidine analog (α₂ adrenergic agonist)
- Non-opioid sedative, analgesic and muscle relaxant
- ■Veterinary use in the US used with ketamine for sedation
- •Generally short acting in animals 30-40 minutes
- •Mixed opinion about its effects
- May cause a longer high than fentanyl
 May decrease the euphoria





XYLAZINE



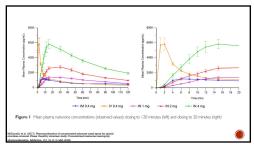
- Clinical effects
- Initially: Dry mouth, sedation, hypertension, tachycardia
- Then: <u>Hypotension</u>, <u>bradycardia</u>, hyperglycemia, hypothermia, respiratory depression, dysrhythmia
- Does not respond to naloxone like clonidine
- •May experience withdrawal symptoms
- Chest pain, seizures
- •Soft tissue necrosis and infection





REVERSAL AGENTS

- *Naloxone
 *Metabolized to naloxone-3-glucuronide in the liver
 *Intranasal 4 mg/actuation (3.6 mg naloxone) or Kloxxado
 8 mg/actuation (7.2 mg naloxone)
 *Onset 1-2 minutes, Duration 1-4 hours, Half-life 0.5 2
 hours
 *Parabling name it is now OTC (March 29, 2023)
 - Breaking news...it is now OTC (March 29, 2023)



NALMEFENE AND NALTREXONE

- Nalmefene (2 mg/2 ml) Purdue Pharma
 Approved in 1995 as an opicid reversal agent
 Similar to naltrexone
 Used in the past for alcohol consumption reduction
 Onnet 2-8 minutes, Duration 1-4 hours, Half-life 6-11 hours
 Dose: 0.5 mg initial dose, 1 mg repeat in 2-5 minutes
 W/M/SCN NOT intransals
- May not adequately reverse buprenorphine due to slow displacement from receptors

- Naltrexone
 Not indicated for acute opioid reversal
 Oral or long-acting IM injectable called Vivatrol

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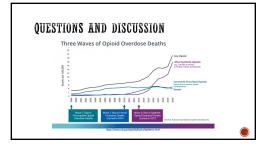
DISCUSSION CASE 1

- •22 year old was found down at a bus stop
- Bystanders administered naloxone nasal spray
- •EMS arrives and administers another bolus dose of naloxone
- •He is alert and awake, no respiratory depression.
- •What is your plan?

DISCUSSION CASE 2

- *28 year old was smoking fentanyl in an abandoned building
- •Police arrest him for trespassing. He has a felony warrant.
- •He has pinpoint pupils, no respiratory depression.
- •He said he took 30 fentanyl pills just before the arrest
- •What do you ask and what are you going to do?

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