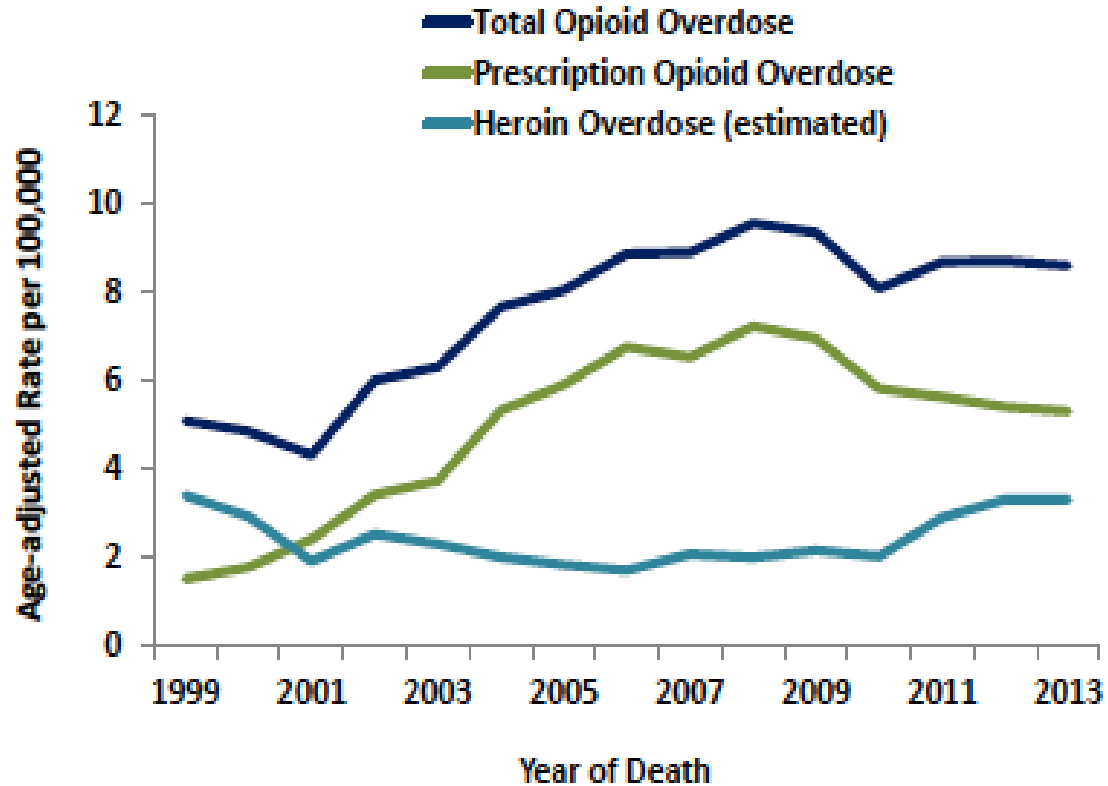


Naloxone

Harm/ Risk Reduction Conference

June 14, 2016

Drug Overdoses, WA, 1999-2013



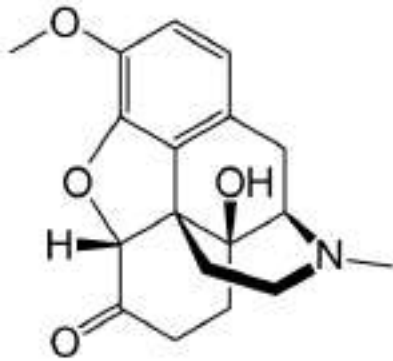
King County data indicate recent heroin increases mostly <30 years of age

Data source: WA State Dept of Health



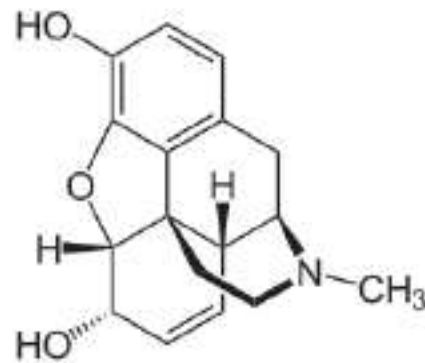


OXYCODONE



\$80

MORPHINE (heroin metabolite)

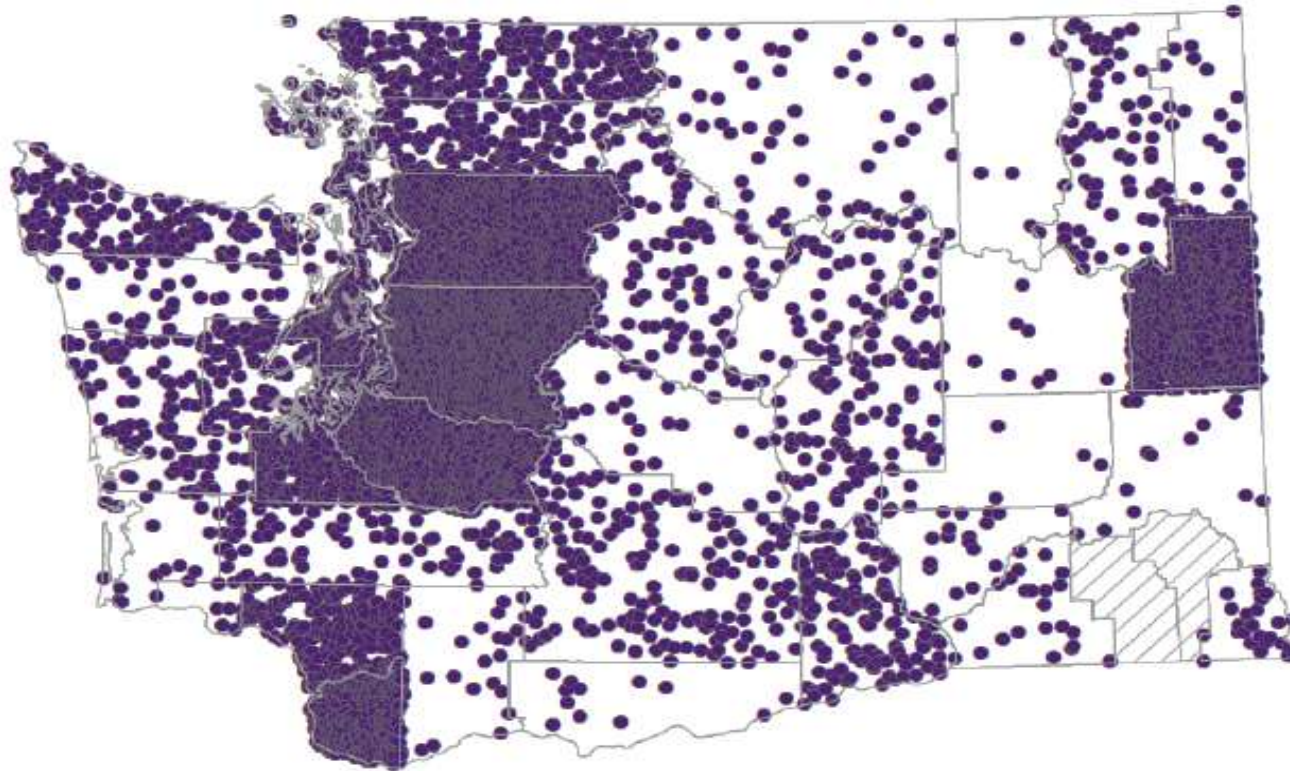


\$10

& easier to get

Opioid Deaths by County 2000 - 2013

Total deaths = 7834



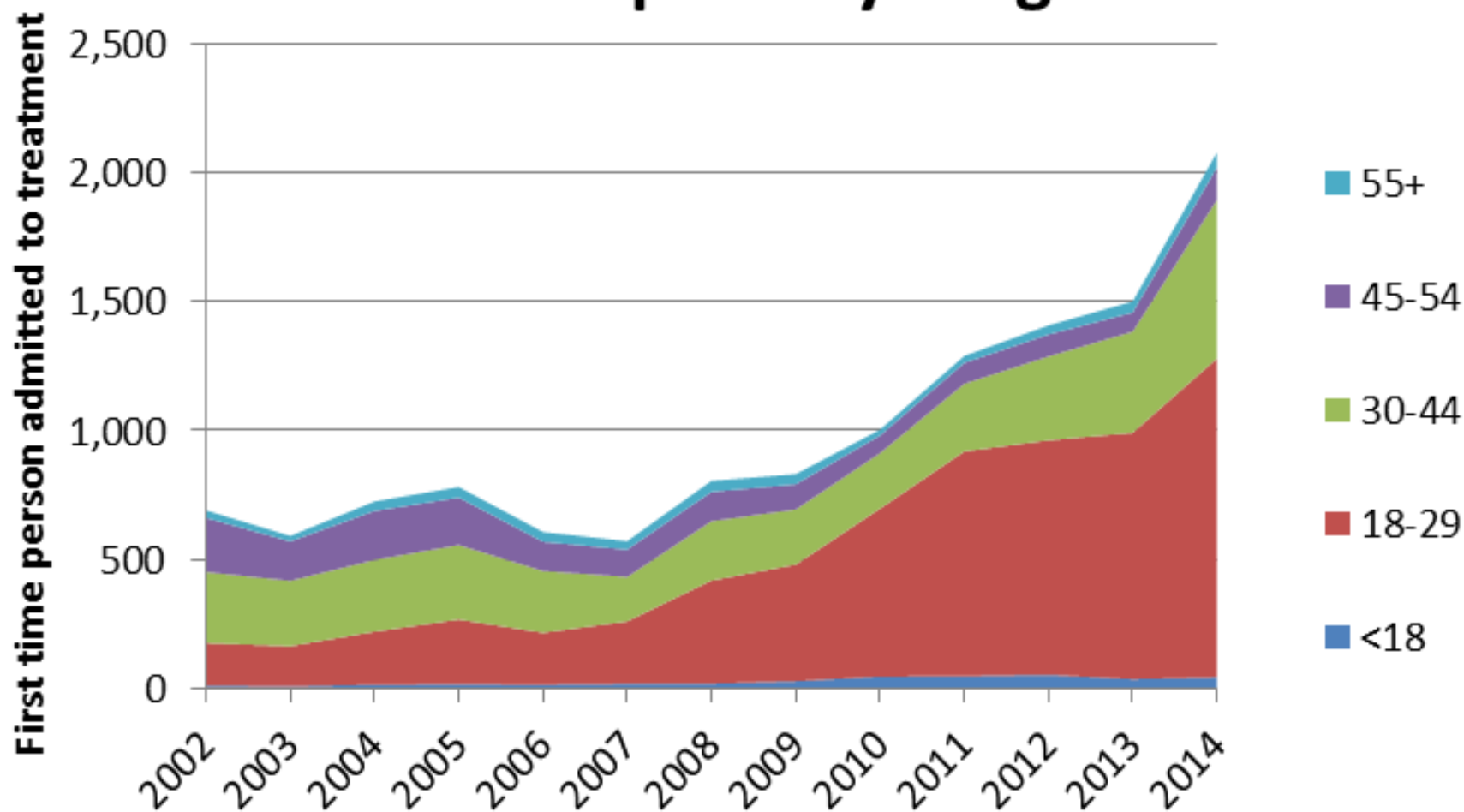
• 1 Dot = 1 death attributed to any opiate in the 14-year period ▨ Data suppressed when count is 1 to 4

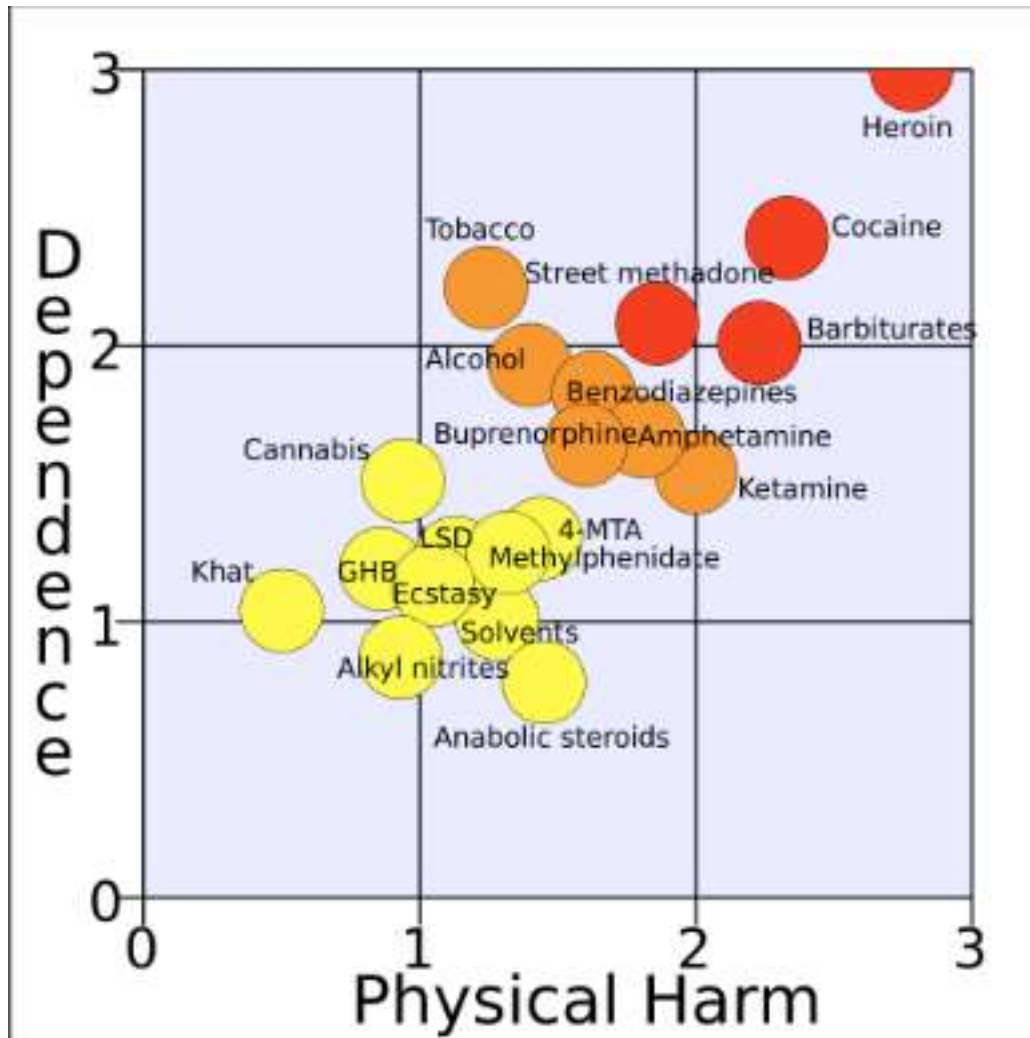
Data from Center for Health Statistics, Washington State Department of Health.
Map created by Alcohol & Drug Abuse Institute, Univ. of Washington.
Residents who died outside Washington excluded.
Dots are randomly allocated within counties.

Young adult use of heroin is increasing quickly



WA First time in Treatment Heroin primary drug





Nutt DJ, King LA, Phillips LD. Lancet 2010; 376(9752): 1558-65

Addiction



Addiction:

- Definition: Compulsive behavior despite negative consequences
- NOT primarily tolerance and withdrawal
- At its core, addiction is craving and the sense that drugs are essential for emotional survival.

Treatments that work

- Suboxone



- Methadone



<http://www.evergreentx.org/Pages/Home.aspx>



Evergreen Treatment Services



Transforming the lives of individuals and their communities through innovative and effective addiction and social services

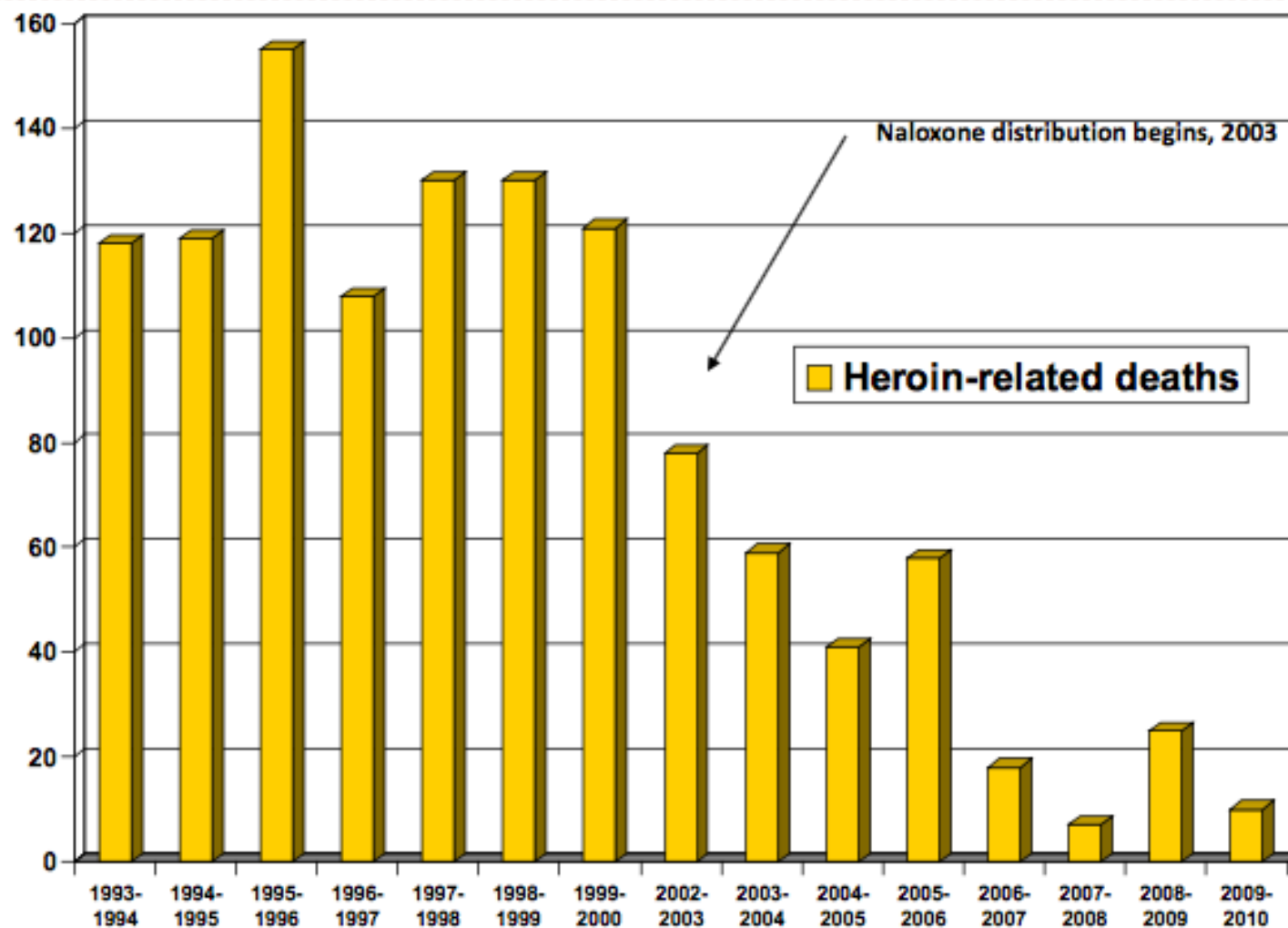
Naloxone, aka Narcan a low risk, high benefit drug



Naloxone

- antidote for an opioid overdose
- a **SECOND CHANCE** medicine
- has no potential for abuse or addiction
- can be given intramuscularly or intranasally
- agency signs Memorandum of Agreement with health department or other medical source to get the prescription
- has a shelf life of 18 -24 months

Heroin-related deaths, San Francisco 1993-2010



*Data compiled from San Francisco Medical Examiner's Reports, www.sfgsa.org

**no data available for FY 2000-2001

Won't naloxone make drug addicts more likely to shoot up?

- **NOBODY WANTS** to withdraw precipitously



Is Naloxone Safe?

- Considered a VERY safe medication
- Potential risk of allergic reaction, but none have ever been reported
- Administration may cause acute withdrawal, including agitation, nausea, vomiting, diarrhea, goose flesh, runny nose, yawning
- Victim could become violent or combative
- Intranasal naloxone less likely to cause severe withdrawal compared to IM administration

MOVIE TIME

available at
stopoverdose.org

Three ways to give naloxone

- Intranasal – approved in November 2015 by the FDA. Easy to use.
- Intramuscular needle
- Evzio

EVZIO – about \$350



EVZIO



Newest formulation



How to Write for Narcan Nasal Spray

- narcannasalspray.com

FIRST and ONLY FDA-Approved

Nasal Naloxone for Emergency
Treatment of Opioid Overdose¹

- Needle-free
- Ready-to-use

NARCAN[®] Nasal Spray is not a substitute
for emergency medical care.



How to write for Narcan Nasal Spray

- Narcan nasal spray 4mg/0.1 ml
- Administer a single spray of Narcan 1 mg in one nostril prn overdose. May repeat in 2-3 minutes with a new nasal spray prn until emergency assistance arrives.

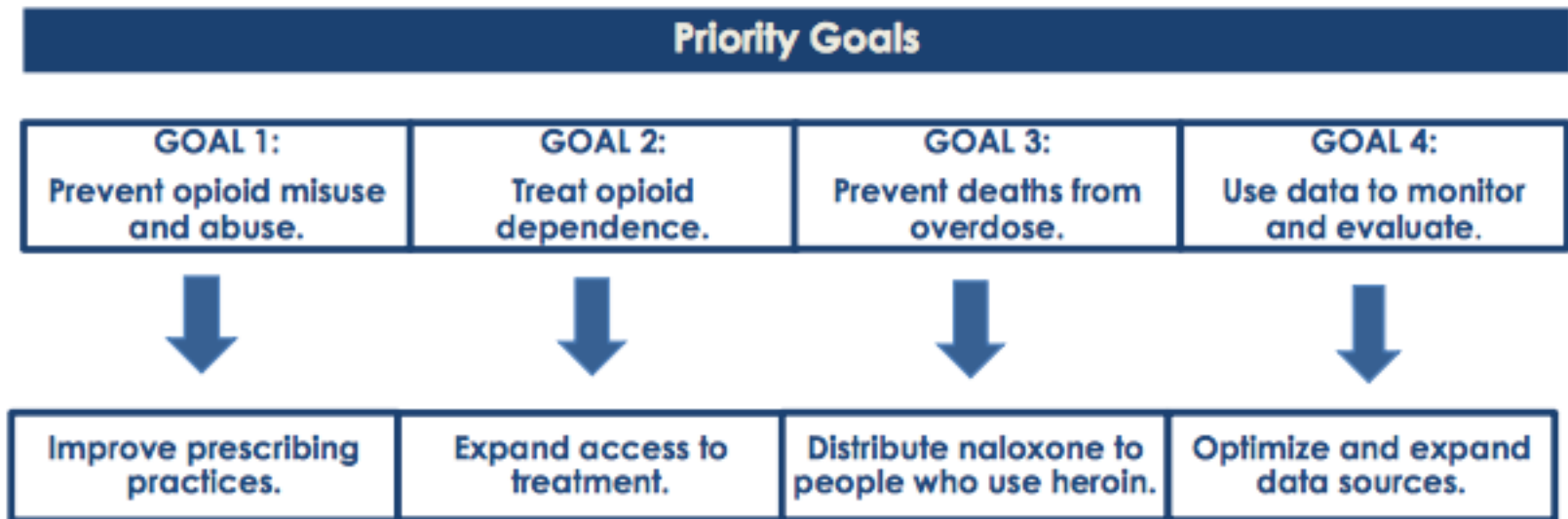
Older nasal formulation



How to write a prescription for Naloxone (generic nasal spray)

- Naloxone Overdose Kit
- Naloxone 2mg/2ml – two syringes
- #2 2 mL Luer-Lock needleless syringe plus #2 mucosal atomizer devices
- Spray 1 ml in each nostril (1/2 of syringe). Repeat after 2-3 minutes if no response.

2016 Washington State Interagency Opioid Working Plan



Seattle bicycle cops to carry Narcan for heroin overdoses

- “In the Seattle area alone, heroin deaths spiked by 58 percent in 2014 and are continuing to climb, according to the Alcohol and Drug Abuse Institute. Over the past year, O’Toole said, officers have responded to an average of 100 overdose-related calls each month.”
- The Seattle Times 3/15/16

Seattle Police Department

- **Officers Make Sixth Overdose Save With Naloxone [Jonah Spangenthal-Lee on May 20, 2016 2:39 pm](#)**
- **[For the sixth time since SPD officers began carrying Naloxone in March, police have used the drug to prevent a potentially fatal overdose.](#)**

Providence Foundation Grant

- The grant includes the costs of the following: **Item for 300 kits Cost**
- Naloxone \$10,500.00
- Gloves \$ 24.30
- Rebreather Mask \$ 1,695.00
- Sealable plastic bags \$ 21.35
- Nasal atomizers \$1,236.00
- Label sheets \$40.00
- **Total \$ 13,516.65**

What You Can Do

- Be very careful prescribing opioids!
- Get certified to prescribe buprenorphine
- Prescribe Naloxone to your patients who are at risk of opioid overdose.
- Write a letter to the chief of police in Olympia requesting that the local police carry naloxone.