

Street Medicine's Role in EHE

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Conflict of Interest

I have no conflicts of interest

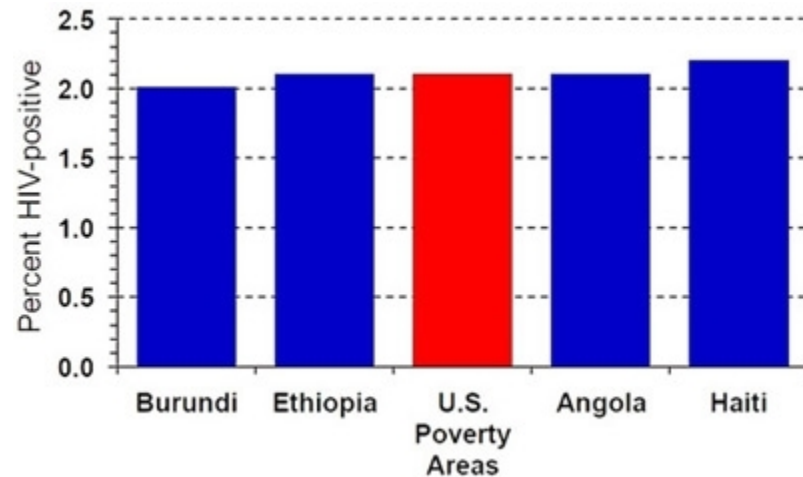


What is Street Medicine?

Health and social services developed specifically to address the unique needs of the unsheltered homeless, delivered directly to them in their own environment.

Why are Street Medicine Programs necessary for EHE?

- › **Poverty increases HIV prevalence by 20x**
 - PWID accounted for 10% of adult and adolescent HIV cases
- › Different demographics (white race, age 13-34) from other HIV high-prevalence populations
- › **Sex work** is prevalent in street medicine population, **PREP opportunity!**



U.S. Census Bureau. Annual estimates of the resident population by sex and selected age groups for the United States: April 1, 2000 to July 1, 2008. *NC-EST2008-022009*.

Syringe Sharing Among People Who Inject Drugs in 23 US Cities, 2018

Sharing needles, syringes, or other drug injection equipment puts people who inject drugs (PWID) at high risk for HIV and other infections.

32% of PWID shared syringes

Syringe sharing is more common among young people.

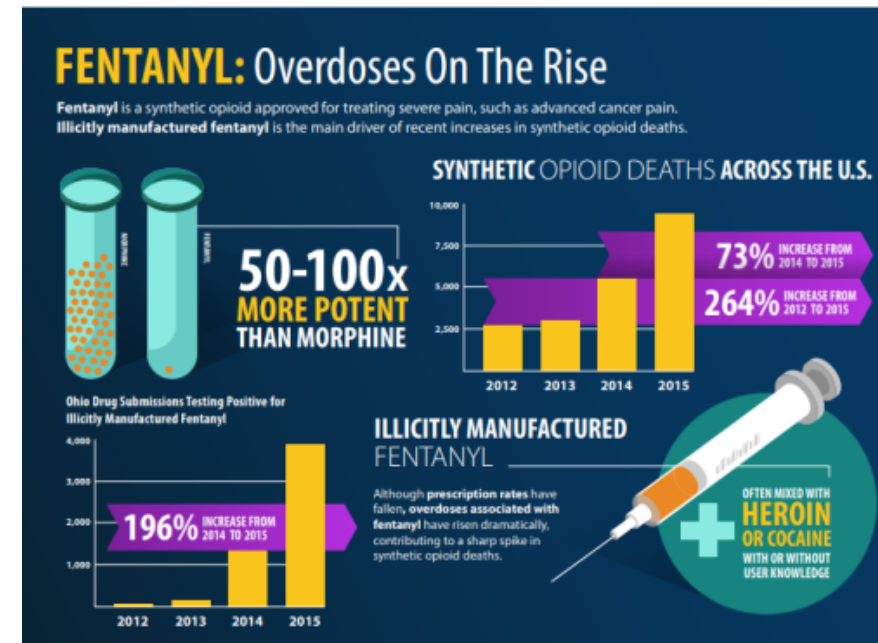


Source: CDC. *HIV infection risk, prevention, and testing behaviors among persons who inject drugs—National HIV Behavioral Surveillance: injection drug use—23 U.S. Cities, 2018*. [PDF – 2 MB]. *HIV Surveillance Special Report 2020*; 24.

Why else are Street Medicine Programs Needed?

- › Opioid-related deaths in U.S. increased 500% over a 20-year period (1999-2019)
 - Fentanyl use
- › Tampa Bay region **50% Higher** than the rest of the country (15.5%) (Perry, 2021)
- › Tampa Bay region recorded **1,200 overdose deaths** in 2020 (Project Opioid, 2021)

THE OPIOID EPIDEMIC BY THE NUMBERS



Tampa Bay Street Medicine (TBSM)

Founded 2014, 3 service divisions

- “Street Runs”: 2 Fridays/month
 - OTC meds
 - Health education
 - Wound care
 - Vitals Checks
- Continuity clinic: 2 Saturdays/month
 - Primary care
 - Women’s Health
 - (Podiatry)
 - Free prescription meds
- IDEA Exchange: 3 half-days/week

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Tampa Bay Street Medicine

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The Tampa Bay Street Medicine Project (TBSM) is a USF Health Morsani College of Medicine (MCOM) student-run service organization

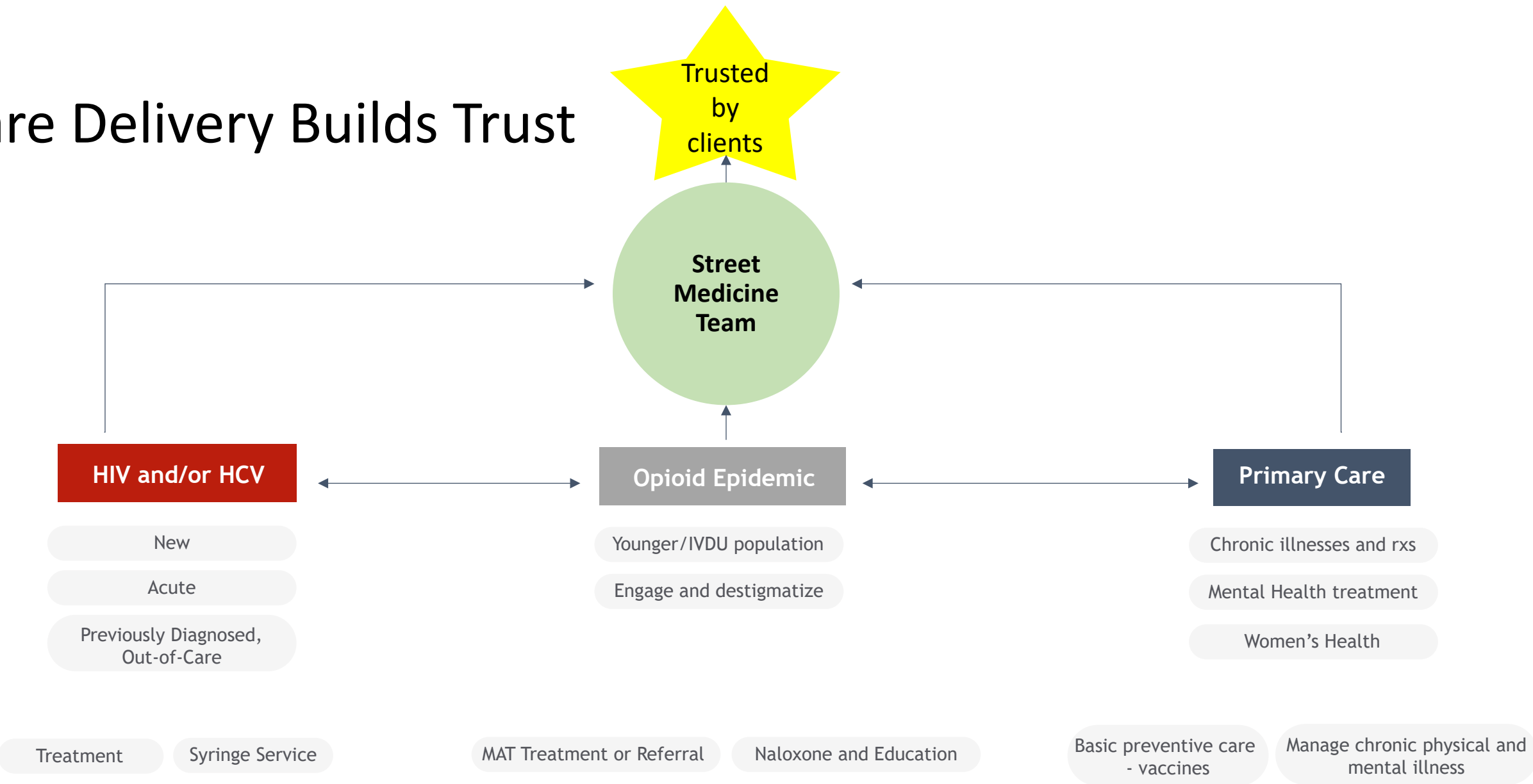
“The goal of Tampa Bay Street Medicine,” said Richa Bisht, fourth-year medical student at Morsani College of Medicine and the Tampa Bay Street Medicine vice president, “is to take care of the homeless here as best we can, offer them as many resources as we can, and give our students the opportunity to work with this group because



Examples of Street Medicine Care Innovations in EHE and Opiate Epidemic Arenas



Care Delivery Builds Trust



EHE innovations @ TBSM



Teleharm Reduction: Start patients with uncontrolled HIV on ART via telehealth appointments with HIV clinicians



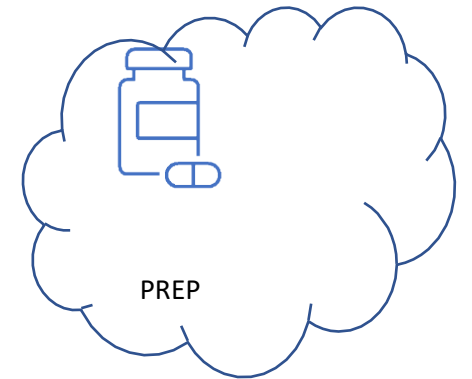
Cabenuva injection outside of traditional clinic



Leverage research to reduce community viral load
ex. TSHARP RCT



Train multidisciplinary students in street medicine and HIV care. Medical, nursing, public health, pharmacy, anthropology, residents x4 programs.



PREP

Street Medicine Operates Under Harm Reduction Model:

- Offers same-day home buprenorphine induction
- Provides buprenorphine to patients with polysubstance use
- Increasingly spaced-out visits with treatment stability
- Naloxone supply and training (including secondary supply)

Previous Approach	New Findings and Recommendations
A medical setting is needed for induction. Benzodiazepine and buprenorphine coprescription is toxic.	Home induction is also safe and effective (6). Buprenorphine should not be withheld from patients taking benzodiazepines (5).
Relapse indicates that the patient is unfit for buprenorphine-based treatment. Counseling or participation in a 12-step program is mandatory.	Relapse indicates the need for additional support and resources rather than cessation of buprenorphine treatment (43). Behavioral treatments and support are provided as desired by the patient (6).
Drug testing is a tool to discharge patients from buprenorphine treatment or compel more intensive settings. Use of other substances is a sign of treatment failure and grounds for dismissal from buprenorphine treatment.	Drug testing is a tool to better support recovery and address relapse (56). Buprenorphine treatment does not directly affect other substance use, and such use should be addressed in this context (43).
Buprenorphine is a short-term treatment, prescribed with tapered dosages or for weeks to months.	Buprenorphine is prescribed as long as it continues to benefit the patient (6).



- Anonymous & confidential HIV/HCV testing
- Syringe exchange and access to sterile equipment
- Narcan distribution
- Mobile unit/3 locations each week
- Linkage to care
 - HIV/HCV
 - Substance use/MOUD
- Mental health referrals
- Research

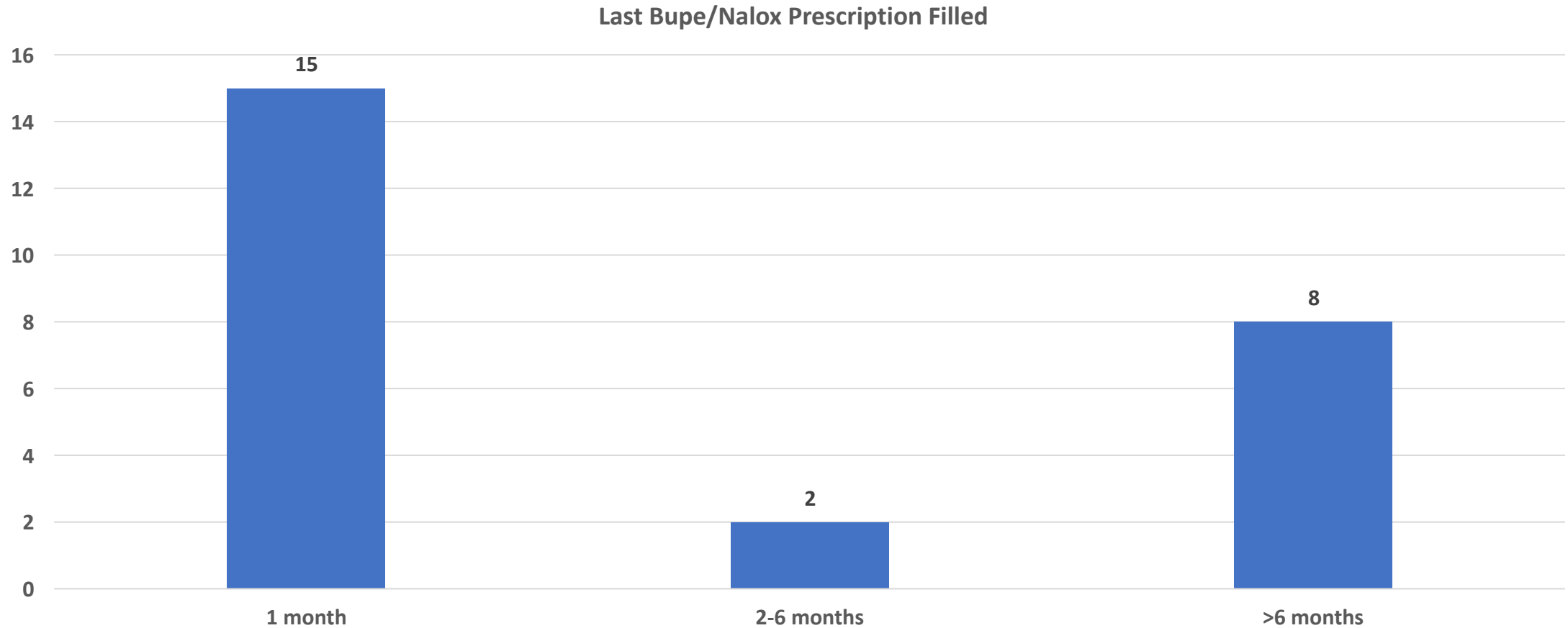
First-Ever Needle Exchange Program In Hillsborough County Approved By Commissioners

WUSF Public Media - WUSF 89.7 | By [Angela Cordoba Perez](#)
Published February 10, 2020 at 5:00 AM EST



"We already have a drug addiction epidemic. We already have an HIV and hepatitis C epidemic. All we can do is help with that. We're not going to make it any worse," he said. "We can only make it better. And so we have a chance right now to be one of the first counties in the country to really eliminate hepatitis C, but you can't get there without a harm reduction strategy like this."

60% of patients continue to follow-up for MAT



**last 25 patients surveyed*

IDEA EXCHANGE

TAMPA



University of South Florida
College of Medicine
One Davis Blvd., Suite 504
Tampa, FL 33606

Mission: We exist to provide the tools necessary to reduce the spread of HIV, Hepatitis C, and other blood-borne diseases through harm reduction in Florida to keep people healthy.

USF Health
UNIVERSITY of SOUTH FLORIDA

person's name, firmly rub person's sternum (where ribs connect) with knuckles, hand in a fist

SAINT ANTHONY'S HOSPITAL

Earth Day
April 22nd 2021

How to Give Naloxone

Remove the naloxone nasal spray from the box by pulling the back tab with the circle to open the naloxone nasal spray.


Hold the naloxone nasal spray with your thumb on the bottom of the plunger and your first and middle fingers on either side of the nozzle.

- DO NOT SHAKE OR TEST THE SPRAY DEVICE. Tilt the person's head back and provide support under the neck with your hand. Gently insert the tip of the nozzle into one nostril until your fingers on either side of the nozzle are against the bottom of the person's nose.
- Press the plunger firmly to give the entire dose of naloxone nasal spray. Remove the naloxone nasal spray from the nostril after giving the dose.

Give Naloxone and Call 911

Chest Compressions

- Place heel of one hand over center of person's chest (between nipples)
- Place other hand on top of first hand, keeping elbows straight with shoulders directly above hands
- Use body weight to push straight down, at least 2 inches, at rate of 100 compressions per minute
- Place face shield (optional)
- Give 2 breaths for every 30 compressions



Rescue Breathing

- Place face shield (optional)
- Tilt head back, lift chin, pinch nose
- Give 1 breath every 5 seconds
- Chest should rise

Two situations in which to consider naloxone again:

- If person doesn't start breathing in 2-3 minutes give second dose of naloxone
- If person starts breathing after first dose, because naloxone wears off in 30 to 90 minutes, a second dose may be needed if person stops breathing again

Be sure to stay with person until emergency medical staff take over or for at least 90 minutes to make sure person doesn't stop breathing again.

From JESSICA TEMPLE Terrace

ALOXONE TO REVERSE AN OVERDOSE, PLEASE DROP IT AT THE NEAREST MAILBOX. A FEE HAS ALREADY BEEN PAID.

Place the nasal spray instructions. Please also review the instructions included with

Handwritten notes:
 - "If person does not respond (i.e., wake up and stay awake)"
 - "4/21/2021"
 - "God Bless"
 - "4/21/2021"
 - "HB 12021"

Importance of Narcan Integration into programs

- All above arms of the program provide Narcan as SOP
- Multiple Narcan doses per client
- Challenges of Narcan supply chain
 - Have multiple local pharmacies ordering and storing for us
 - Now an official state-distributor
 - State of Florida is adopting our postcard model

Acknowledgements

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Tampa Hope
Feeding Tampa Bay
U Miami IDEA team