



Learn about Naloxone Vending Machines!

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- Zoom webinar, not meeting.
 - Only hosts can share video and audio.
 - Panelists can't see or hear participants.
- Enter questions into Q&A.
- No need to enter your name and title.
- This webinar will be recorded and shared in the next few days.



I would like to begin by acknowledging that as we gather today, we are on the ancestral homelands of the Indigenous Peoples who have lived on these lands since time immemorial.



Please join me in expressing our deepest respect and gratitude for our Indigenous neighbors.



Naloxone vending machines

- Part of a larger strategy to reduce overdose deaths.
- Increase access to naloxone, the opioid overdose antidote.
- Often include other harm reduction resources.



Background on naloxone vending machines

- A recent paper *“Evaluating the impact of naloxone dispensation at public health vending machines in Clark County, Nevada”* showed that naloxone vending machines likely contributed to a reduction in overdose deaths.
- **“Key messages:**
 - Naloxone dispensation at public health vending machines was associated with immediate reductions in opioid involved overdose fatalities.
 - Communities should consider implementing public health vending machines in efforts to prevent opioid-involved overdose fatalities.
 - The COVID-19 pandemic worsened the overdose crisis.”

Sean T. Allen, Allison O’Rourke, Jessica. A. Johnson, Chelsi Cheatom, Ying Zhang, Brandon Delise, Kellie Watkins, Kathleen Reich, Rick Reich & Cassius Lockett (2022) Evaluating the impact of naloxone dispensation at public health vending machines in Clark County, Nevada, *Annals of Medicine*, 54:1, 2692-2700, DOI: 10.1080/07853890.2022.2121418

Introductions



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Joseph Hunter

North Central Accountable Communities
for Health





The DROP (Direct Resource Outreach Project)

- 2020: Met with folks from Trac-B Exchange and the Southern Nevada Health District and purchased 2 Vending Machines and Software from VendNovation in Redmond, WA in December



- 2021: Peer Seattle and Peer Kent chosen for our pilot sites, artwork designed, kits designed (labels and handouts), and access form created
- 2022: machines completed and wrapped, moved in, software/Wi-Fi connected, and officially launched in April





Why Vending Machines?

- Creating new access points for Naloxone and Fentanyl Test Strips, outside of services designed for people who inject drugs
- Vending Machines have been shown to reach people who are younger and less experienced with drug use
<https://harmreductionjournal.biomedcentral.com/articles/10.1186/1477-7517-4-14>





Location, location, location!

Location needs:

- Open to the public
- Accessible by public transportation
- New access point, not a duplication of services
- Welcoming and non-judgmental
- Staff ability to support
- High overdose area
- Indoors (outdoor machines require refrigeration)
- Internet and power





Getting Started

- Scan the QR Code on the machine – for folks who do not have smart phones, staff at Peer can help
- Most questions are optional
- Confidential, no identifying information required

2 Required Questions

After you click "SUBMIT" at the bottom of this page, you will be given a code number to enter into the Vending Machines

Have you previously carried naloxone (Narcan) with you?

* must provide value

Yes

No

Don't know

reset

Are you willing to answer a few brief questions that will help inform our program and obtain further funding?

You can choose not to answer any question and still obtain supplies from The DROP.

* must provide value

Yes

No

reset

If people have had naloxone before,
they'll be asked if it came from the

Have you previously carried naloxone (Narcan) with you?

* must provide value

Yes

No

Don't know

reset

Have you ever obtained naloxone from a vending machine in King County?

* must provide value

Yes

No

Don't know

reset



FENTANYL WARNING

Public Health
Seattle & King County 

- Fentanyl may be in your drugs—in pills, powder & heroin.
- You can't smell or taste fentanyl.
- Fentanyl can put you at greater risk for overdose and death.

HOW TO AVOID OVERDOSE



DO NOT USE ALONE.



START WITH A TEST AMOUNT.

Fentanyl is a potent drug about 100 times more powerful than other opioids, most commonly found in blue "M30" pills.



WATCH AND WAIT BEFORE THE NEXT PERSON USES.



HAVE NALOXONE READY.

Make sure other people know where it is.



AN OPIOID OVERDOSE IS A MEDICAL EMERGENCY. CALL 911 RIGHT AWAY.

The Good Samaritan Law protects you and the person overdosing from drug possession charges.

For more information go to www.kingcounty.gov/overdose

Hit "Submit"



Submit



Code will appear in yellow

Close survey

Please enter **#452683** into the vending machine to select the items you want. Write it down for future use. You may choose either injectable naloxone or nasal spray naloxone and fentanyl test strips each week.

You can reuse this same code the next time you use the Vending Machine OR you can re-submit the form and generate a new code to access the vending machine.

Stay safe out there!

Check-out free services and resources available in King County:

- Accessing treatment or medications: <http://www.warecoveryhelpline.org/> or call 1-866-789-1511
- Overdose prevention: <https://stopoverdose.org/>
- Support services: <https://www.crisisconnections.org/get-help/> or call 211
- Health and social services: <http://kingcounty.gov/outreach>
- Never Use Alone: www.neverusealone.com
- National Suicide Prevention Lifeline: 1-800-273-8255



The D.R.O.P

Direct Resource Outreach Project

Write your code here:



<https://redcap.link/TheDROP>

Public Health 
Seattle & King County



6 Digit Code

- Can be used one time per week
- People can choose 2 items each week:
 - 1 - between nasal or injectable naloxone
 - 1 - fentanyl test strips
- Feedback from Peer Staff is leading to changes in product allowances



Data from first 6 months

Over the first 6 months of the program (4/22-10/21/2022) there were 695 items distributed through both the Peer Kent and Peer Seattle vending machines.

- 695 total items dispensed
 - 500 items from Peer Seattle
 - 34 condom/lube packs
 - 197 fentanyl test strip packs (5 in each pack)
 - 75 injectable naloxone
 - 194 nasal naloxone
 - 185 items from Peer Kent
 - 4 condom/lube packs
 - 79 fentanyl test strip packs
 - 45 injectable naloxone
 - 67 nasal naloxone



More Data

Across both Peer Seattle and Peer Kent on average each month:

- 46 fentanyl test strip packs (5/pack) were distributed
- 20 injectable naloxone were distributed
- 44 nasal naloxone were distributed

39% said that they've never carried naloxone with them before



Challenges and Considerations

- Assembling kits takes time – thank you, Caledonia!!
- Machines break – be sure to budget for repairs
- Social Work school did not prepare me well 😊
- Sites were difficult to identify
- Stigma against PWUD and harm reduction
- Registration can be a barrier
- Ask yourself: can I use a cupboard/mailbox/basket/bin and create access? Do I need a machine?



"I watched a group of individuals come out of the Crystal Meth Anonymous meeting and look at the vending machine.

After talking about some of the trends in SKC, all of them decided to get fentanyl test strips for people they know that are still using."



Peer Kent

"We are so grateful to have accessible and anonymous Narcan available at our site in a bright and prominent way.

As a focal point, ***the vending machine makes a statement that we are meeting people where they are at; and without shame or judgment. During someone's most challenging time, we show them we are in their corner and have hope.***

The machine and what it stands for have served as conversation starters and an opportunity for education for not only those struggling with substance use, but their loved ones as well .

We have had the privilege of showing people how to use Narcan/naloxone for the first time, how to use test strips, and discussing the prevalence of fentanyl in other substances in the community."



“I spoke with a couple who came in looking for information. While sitting in the lobby, they saw the Narcan vending machine and we got to talking about how their lives had changed since transitioning from using heroin to using fentanyl.

We talked about safer use strategies and I discovered neither had ever used naloxone before. I walked both through getting kits and showed them how to use it.


A couple weeks later, the woman came in to see me and let me know that she had used the Narcan on her significant other and saved his life from an overdose. Following his hospitalization, they both entered detox and were recently released. They had started IOP and were sober 19 days at that point.”



“We had someone come in and pick up Narcan after a women's meeting in preparation for going to an event that weekend. ***She said that she had never used opiates, but she knew they would be around and wanted to be sure she could help if someone needed it.*** We showed her how to recognize the signs of overdose and how to administer Narcan.”



North Central ACH

North Central Accountable Community of Health

The mission of the North Central Accountable Community of Health is to Advance whole-person health and health equity in North Central Washington by unifying stakeholders, supporting collaboration, and driving systemic change, with particular attention to the social determinants of health.

Pillar 1

Pillar 2

Pillar 3

	Distributed Leadership	Shared Measurement	Regional Portfolio
	<ul style="list-style-type: none"> - Amplify under-represented voices - Individuals at all levels have influence 	<ul style="list-style-type: none"> - Inventory the health-related data in our region - Ensure everyone has access to data 	<ul style="list-style-type: none"> - Determine what issues, we as a region, want to solve - Implement strategies that maximize efforts between partners
Pillars In Action	<ul style="list-style-type: none"> - Evolving the Behavior Health System Series: 45+ agencies - 130 Recovery Coaches in Region 	<ul style="list-style-type: none"> - Hired a Director of Community Data - Shared Measurement Task Force 	<ul style="list-style-type: none"> - Visible Network Report - Narcan Vending Machines



Narcan vending machine pilot project

Goal: Increase low barrier access to the effective overdose reversal medication, Narcan



Project: Purchase, place, and stock Narcan vending machines in strategic locations in North Central WA



Machine placement considerations

- Target individuals who are unlikely to access naloxone from other sources
- Open to the public
- Monitored by staff
- Open non-business hours
- Easy to access by public transportation
- No sign-in/check-in required
- Individuals who use drugs and their family/friends feel welcome
- Nonjudgmental





Pre-distribution survey questions

1. Where did you get this Narcan?
 - Alano Club
 - HopeSource
 - Advance
2. Is this your first time accessing Narcan?
 - Yes
 - No
 - Unsure
3. Why are you getting Narcan?
 - Current overdose
 - I am around people who I worry will overdose
 - I am worried I might overdose
 - Want to have it just in case
 - Some other reason
4. Has Narcan you received from this vending machine helped reverse an overdose in the past?
 - Yes
 - No
 - Unsure
5. If you weren't able to get Narcan from this machine, would you be able to get it from somewhere else?
 - Yes
 - No
 - Unsure

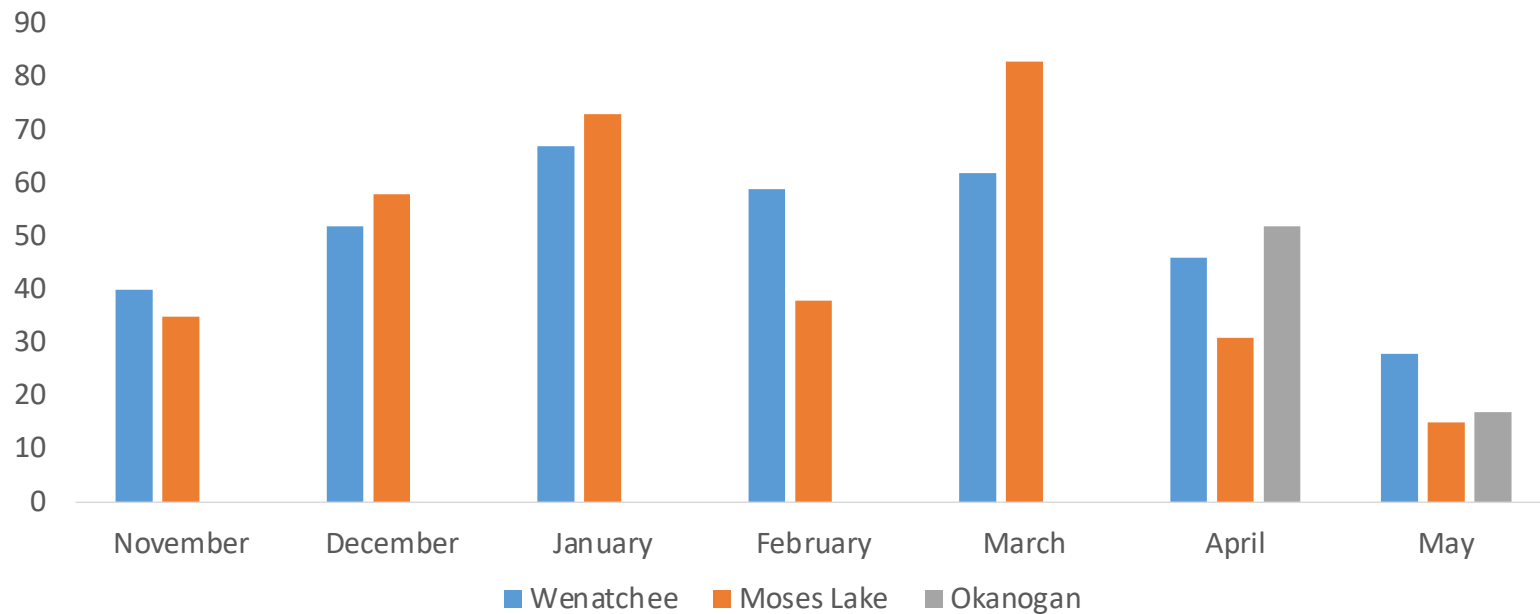


Post-use survey questions

1. Was this Narcan used on someone experiencing an overdose?
 - Yes
 - No
 - Unsure
2. Was the Narcan effective at reversing the opioid overdose?
 - Yes
 - No
 - Unsure
3. How many doses were used?
 - 1
 - 2
 - 3
 - 4
 - 5
 - 6+
4. Where did you get this Narcan?
 - Alano Club
 - HopeSource
 - Advance
5. Are you willing to answer some more questions about this overdose?
 - Yes
 - No
6. City of overdose?
7. Was 911 called?
 - Yes
 - No
 - Unsure
8. Did the individual go to the emergency department or hospital?
 - Yes
 - No
9. Has the individual experienced an overdose in the past?
 - Yes
 - No
 - Unsure
10. Would you like to be connected with a recovery coach or support services?
 - Yes
 - No
11. How would you like to be contacted? Please include a phone number or email if you are able. Thank you!

Pre-distribution survey results

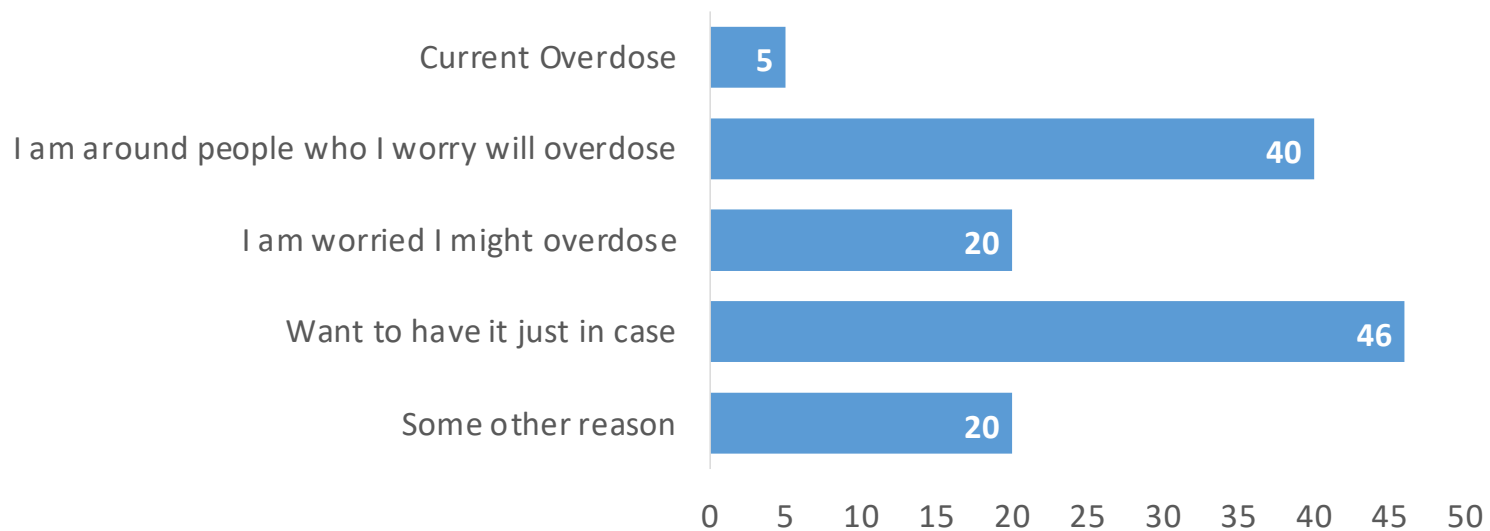
756 boxes of Narcan distributed



Pre-distribution survey results

Why are you getting Narcan?

n = 93

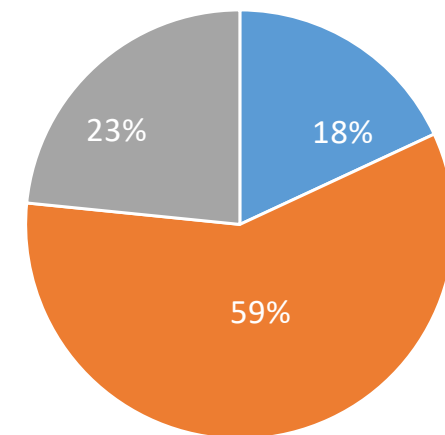


Pre-distribution survey results

- **36%** reported this was their first time accessing Narcan
- **22%** reported Narcan they received from this machine in the past helped reverse and overdose
- **59%** would not have been able to get Narcan from somewhere else

If you weren't able to get Narcan from this machine, would you be able to get it from somewhere else?

n = 94



■ Yes ■ No ■ Unsure



Post-use survey results

In cases where Narcan was used on someone experiencing an overdose:

- **26%** reported more than 2 doses were used
- **58%** reported that 911 was not called
- **65%** reported the individual did not go to the emergency department or hospital
- **45%** had experienced an overdose previously

756

Boxes of Narcan distributed

6%

Of boxes distributed were used on someone experiencing an overdose

39

Lives Reported Saved

Lessons learned

- Order machines early
- Identify a community champion(s) with lived experience
- Location of the machines is important
- Braid funding for ongoing naloxone costs
- Target audience broader than expected





Questions?



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