Preventing Opioid-related Overdose with Naloxone

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Hawai‘i Health & Harm Reduction Center(HHHRC)

Reducing harm, promoting health, creating wellness and fighting stigma in Hawai‘i and the Pacific.

Hawai‘i Health & Harm Reduction Center serves Hawai‘i communities by reducing the harm and fighting the stigma of HIV, hepatitis, homelessness, substance use, mental illness, and poverty in our community. We focus our efforts on those disproportionately affected by social determinants of health, including but not limited to: people living with and/or affected by HIV, hepatitis, drug use, and the transgender, LGBQ and the Native Hawaiian communities. We foster health, wellness, and systemic change in Hawai‘i and the Pacific through care services, advocacy, training, prevention, education, and capacity building.

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CRIMINAL JUSTICE

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CHRONIC DISEASE

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MENTAL HEALTH

SUBSTANCE USE

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HOUSELESSNESS

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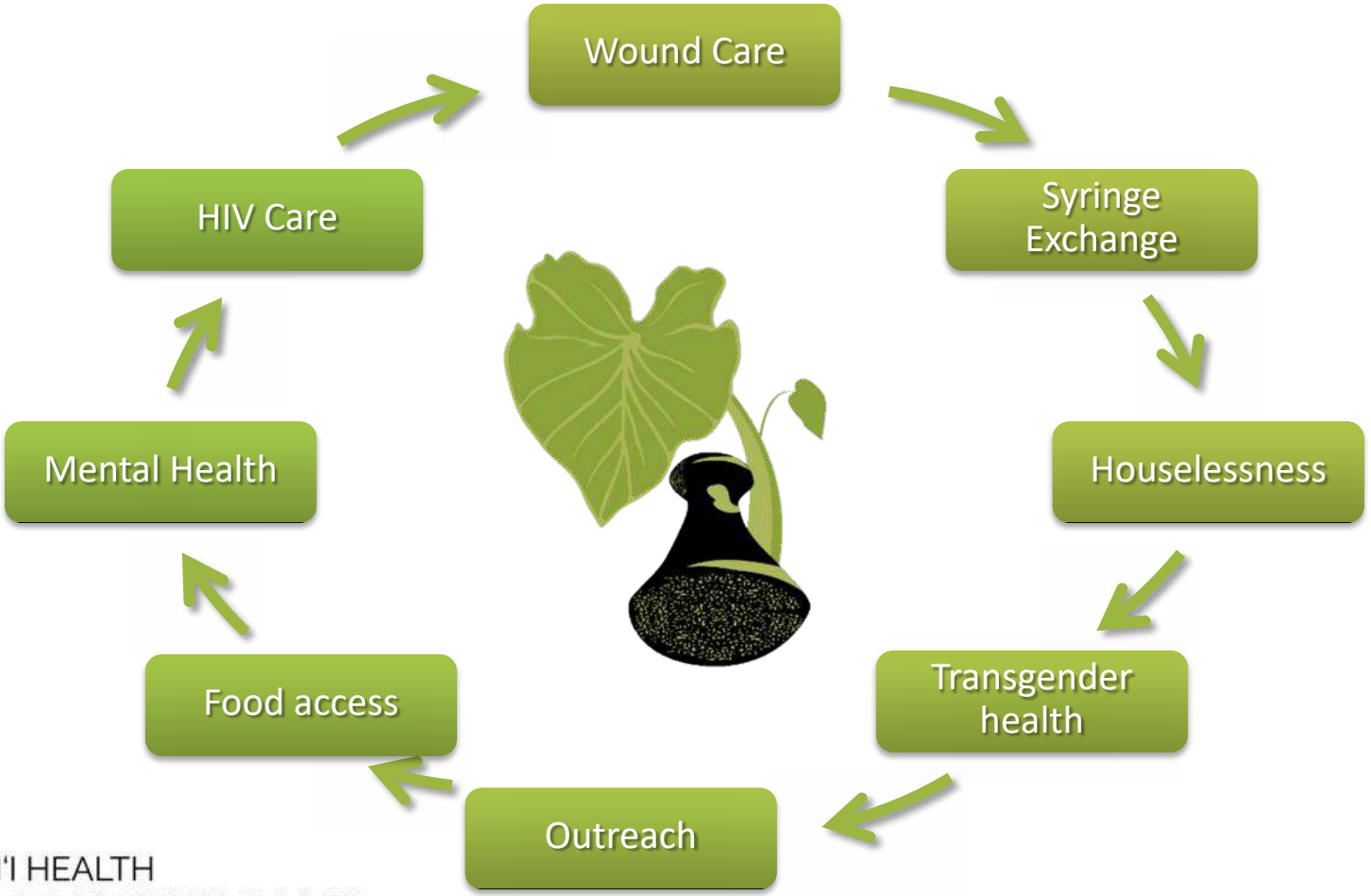
No Wrong Door



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HARM REDUCTION: A non-judgmental approach to public health that meets people where they are and celebrates positive change, with the goal of minimizing the harms of actions that pose adverse social and health outcomes.

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Opioid Overdose

- North America has the highest drug-related mortality rate in the world, accounting for 1-in-4 drug-related deaths worldwide
- On average 130 Americans die a day from opioid overdose (CDC).
- Unintentional drug poisonings (overdose) is one of the leading causes of injury-related death in Hawai‘i (along with suicide)
- Hawai‘i is ranked 2nd to last for overdose (out of 51); we were ranked 43rd just two years ago

Ten leading causes of injury-related deaths among Hawaii residents, by age group, 2015-2019

	infant-14y (82 deaths)	15-24y (325)	25-34y (534)	35-44y (511)	45-64y (1,369)	65+y (1,366)	all ages (4,188)
1	Suffocation 17	Suicide 136	Suicide 197	Suicide 154	Poisoning 535	Falls 665	Suicide 973
2	Drowning 15	MVC, occupant 62	Poisoning 91	Poisoning 152	Suicide 305	Suicide 173	Poisoning 887
3	Homicide 12	Poisoning 31	MVC, occupant 59	Homicide 40	Falls 94	Suffocation 117	Falls 794
4	MVC, pedestrian 12	Homicide 20	MVC, motorcyclist 43	MVC, occupant 33	Drowning 85	Poisoning 76	MVC, occupant 257
5	Suicide <10	MVC, motorcyclist 18	Drowning 28	Drowning 25	Homicide 57	MVC, pedestrian 58	Drowning 221
6	Injuries of unk. intent <10	Drowning 16	Homicide 27	Injuries of unk. intent 23	MVC, pedestrian 51	MVC, occupant 54	Homicide 177
7	MVC, occupant <10	MVC, pedestrian 14	Injuries of unk. intent 21	MVC, pedestrian 21	Injuries of unk. intent 46	Drowning 53	Suffocation 169
8	Fires/burns <10	Falls 11	Aircraft crashes 16	MVC, motorcyclist 16	MVC, occupant 44	Homicide 21	MVC, pedestrian 166
9	Poisoning <10	Injuries of unk. intent <10	Falls 11	Falls 12	MVC, motorcyclist 37	Fires/burns 19	MVC, motorcyclist 123
10	Falls <10	Aircraft crashes <10	MVC, pedestrian 10	Aircraft crashes <10	Suffocation 28	Injuries of unk. intent 15	Injuries of unk. intent 116

Table notes: MVC is abbreviation for motor vehicle crash. All injury categories are unintentional in terms of intent, except for Homicide, Suicide, and Injuries of unknown intent. The all ages column includes 1 death for which decedent age was not known.

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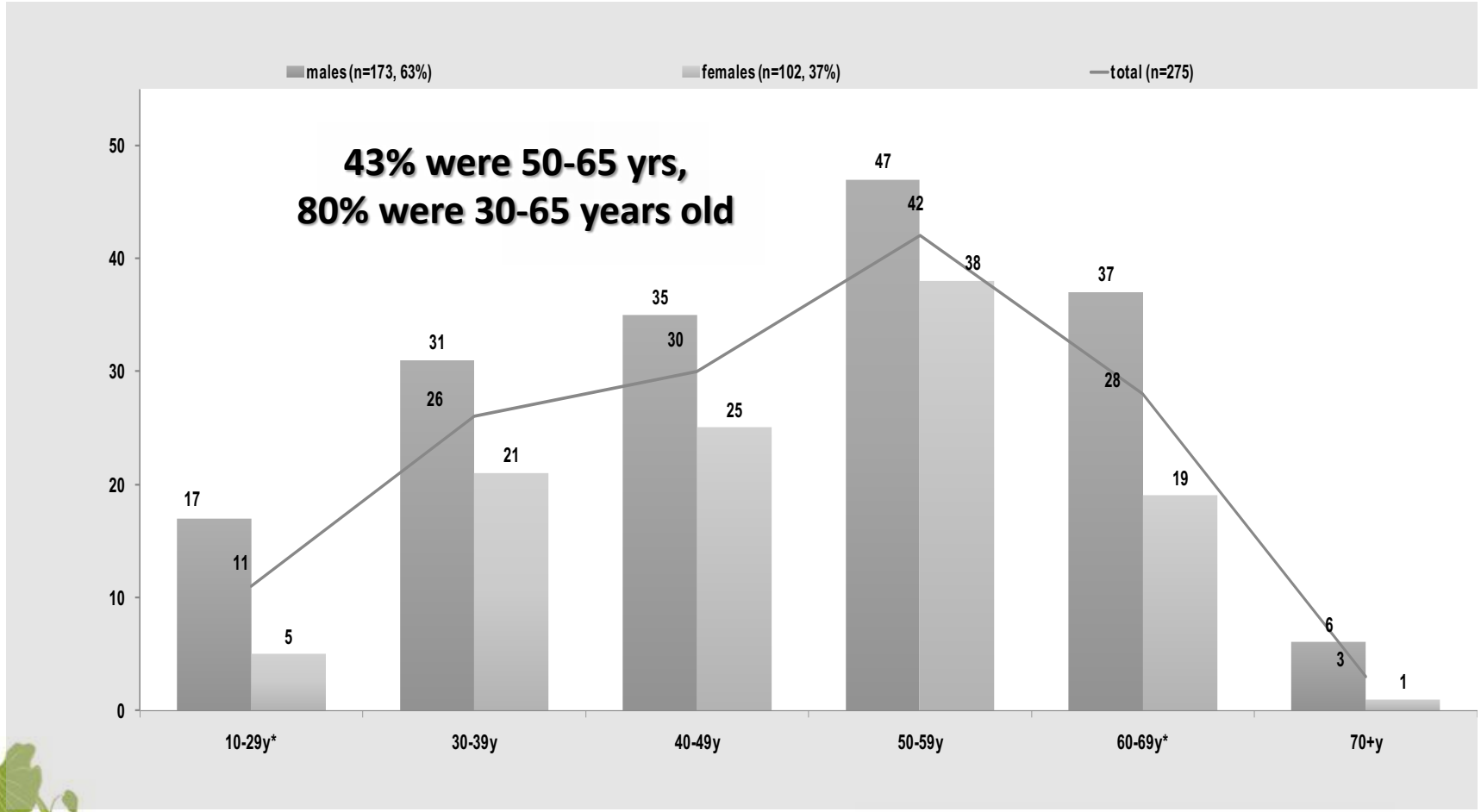
Five-year drug poisoning fatality rates (/100,000) involving opioid pain relievers, among Hawai‘i residents, by age and gender, 2012-2016



*indicates significantly different rate

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REALLY HIGH	OVERDOSE
MUSCLES BECOME RELAXED	DEEP SNORING OR GURGLING (DEATH RATTLE) OR WHEEZING
SPEECH IS SLOWED/SLURRED	BLUE SKIN TINGE- USUALLY LIPS AND FINGERTIPS SHOW FIRST
SLEEPY LOOKING	PALE, CLAMMY SKIN
RESPONSIVE TO STIMULATION LIKE YELLING, STERNUM RUB, PINCHING, ETC.	HEAVY NOD, WILL NOT RESPOND TO STIMULATION
NODDING OUT	BREATHING IS VERY SLOW, IRREGULAR, OR HAS STOPPED/FAINT PULSE

Overdose Intervention

- **CALL 911** - Be clear and concise, “my friend is unconscious and not breathing”.
- Make sure to give the address, phone # and instructions on how to get into the building or area.
- Remain as calm as possible – lessen the chance that police will be sent to the scene.
- If you can’t stay, take your friend to into the street or doorway so the paramedics can find them easily. Put them in the **Recovery Position** – stay as long as you can.

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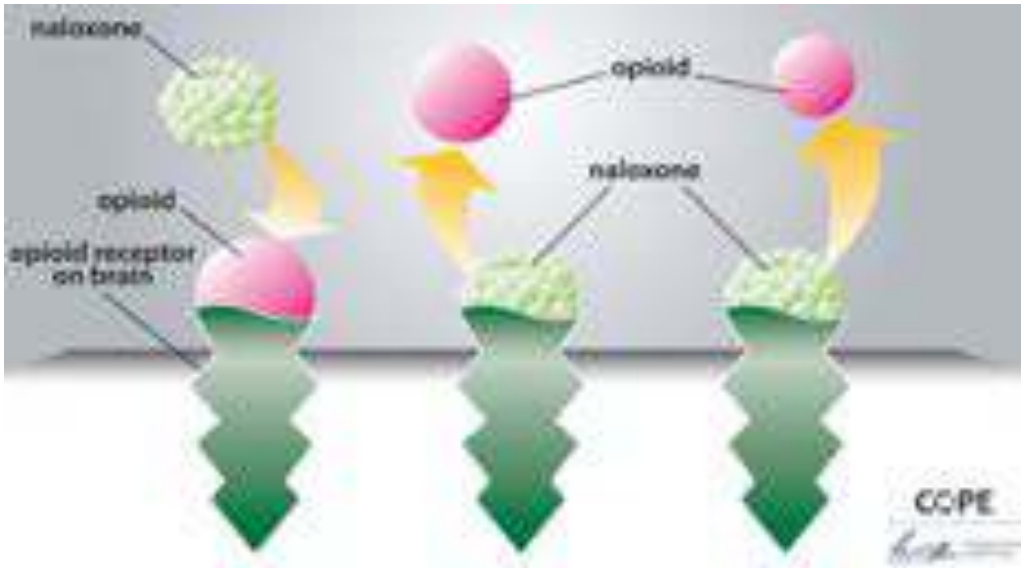
Naloxone reverses opioids, not…

- Alcohol
- Benzodiazepines (Xanax, Valium, Klonopin)
- Stimulants: cocaine, amphetamine, cathinones
- It will not cause harm in the absence of opioids



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About Naloxone (Narcan)

- Naloxone reverses opioid-induced sedation and respiratory depression
- Not psychoactive, no abuse potential
- May cause withdrawal symptoms
- Acts within 30 seconds to 2 minutes
- May be administered IM, IV, SC, Intra-Nasal
- Lasts 30 to 90 minutes, overdose may return*
- May be repeated

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Formulations

	Injectable (and intranasal- IN) generic[1]	Intranasal branded[2]	Injectable generic[3]	Injectable generic	Auto-injector branded
					Evzio Auto-Injector
					
Ordering information					
How supplied	Box of 10 luer lock prefilled glass syringes	Two-pack of single use intranasal devices	Box of 10 single-dose fliptop vials (1 ml) OR Case of 25 multi-dose fliptop vials (10 ml)	Box of 10 single-dose fliptop vials	Two pack of single use auto-injectors + 1 trainer

www.prescribetoprevent.org

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FDA Approval of a Nasal Formulation

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Opioid Policies in Hawai‘i

- **Act 217 Good Samaritan - limited immunity for individuals who call 911 in overdose**
- **Act 68 of 2016 (SB 2392) Provides immunity for any person who administers an opioid antagonist to a person suffering from an opioid-related drug overdose. Authorizes emergency personnel to administer opioid antagonists**
- **Act 153 – Mandates use of prescription drug monitoring program (PDMP)**
- **Act 255 – allows pharmacists to prescribe naloxone without prescription**

Good Samaritan Law

Act 217 of 2015 (SB 982) – Relating to medical amnesty, allows limited immunity for individuals (most frequently close friends or family members) who call 911 to prevent an alcohol or drug overdose from becoming fatal. The most common reason people do not call 911 in this situation is fear of police involvement. This law will allow individuals to come to the assistance of another without fear that calling 911 would result in their subsequent arrest.

Naloxone Access Law
Act 68 of 2016 (SB 2392)

Relating to opioid antagonists: Creates immunity for health care professionals and pharmacists who prescribe, dispense, distribute, or administer an opioid antagonist such as naloxone hydrochloride to persons who are at risk of experiencing or who are experiencing an opioid-related drug overdose.

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Naloxone Access Law
Act 68 of 2016 (SB 2392)

- Provides immunity for any person who administers an opioid antagonist to a person suffering from an opioid-related drug overdose.
- Authorizes emergency personnel and first responders to administer opioid antagonists (starts 1/1/17)
- Requires Medicaid coverage for opioid antagonists; and allows harm reduction organizations like H3RC to store and distribute opioid antagonists.

Medicaid Coverage of Naloxone in Hawai‘i

Per communication with DOH on 03/09/2020

	NALOXONE	INJECTABLE	NASAL SPRAY
OHANA	YES	NO	YES
KAISER	YES	?	YES
AC	YES	YES	YES
HMSA Q1	YES	NO	YES
UNITED	YES	YES	YES

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US Surgeon General Adams Statement on Naloxone

I, Surgeon General of the United States Public Health Service, VADM Jerome Adams, am emphasizing the importance of the overdose-reversing drug naloxone. For patients currently taking high doses of opioids as prescribed for pain, individuals misusing prescription opioids, individuals using illicit opioids such as heroin or fentanyl, health care practitioners, family and friends of people who have an opioid use disorder, and community members who come into contact with people at risk for opioid overdose, ***knowing how to use naloxone and keeping it within reach can save a life.***

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CDC Recommendation # 8 – Naloxone is a Strategy to Mitigate Risk When Assessing Risk and Addressing Harms

"Clinicians should incorporate in the management plan strategies to mitigate risk, including considering offering naloxone when factors that increase risk for opioid overdose such as history of overdose, history of substance use disorder, higher opioid dosages (> 50 MME/day) or concurrent benzodiazepine use are present"

Prescriber Resources
www.prescribetoprevent.org

Patient Name: John Doe Date of Birth:

Address: Date Prescribed: November 18, 2016

℞

Narcan Nasal Spray 4mg
#1 (Two Pack)
Administer as directed PRN for suspected overdose

DAW / No Substitution

Refills: 2

Prescriber: Sue Smith, MD

Signature:

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Hawaii Opioid Initiative (HOI)

- Started in July 2017 – developed opioid strategic plan
  - Opioid 2.0 in Dec. 2018 with 3.0 released in 2019
- Interdisciplinary: public safety, public health, prescribers, community
- www.hawaiiopioid.org

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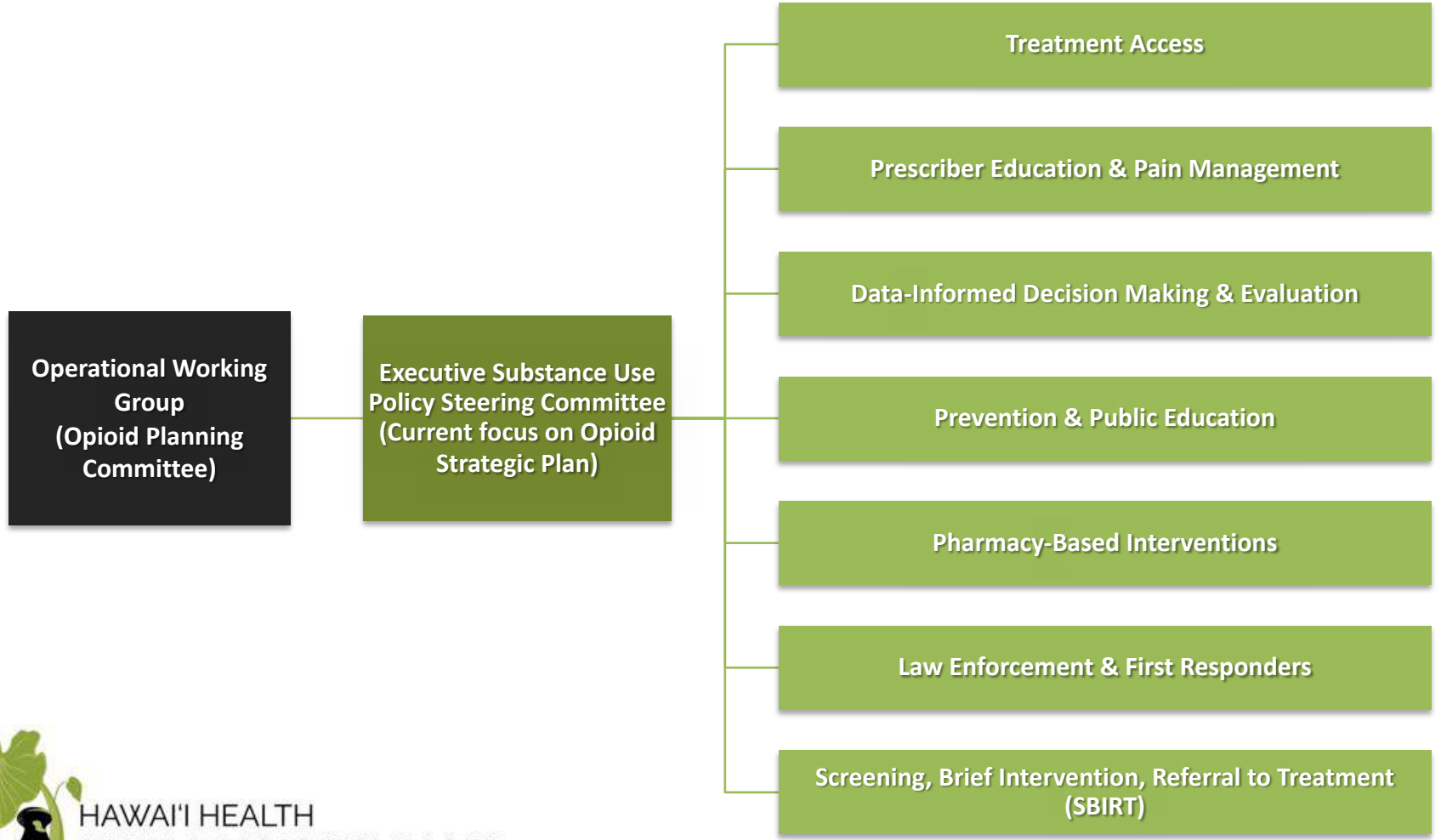
Framework for a Coordinated Systems Approach



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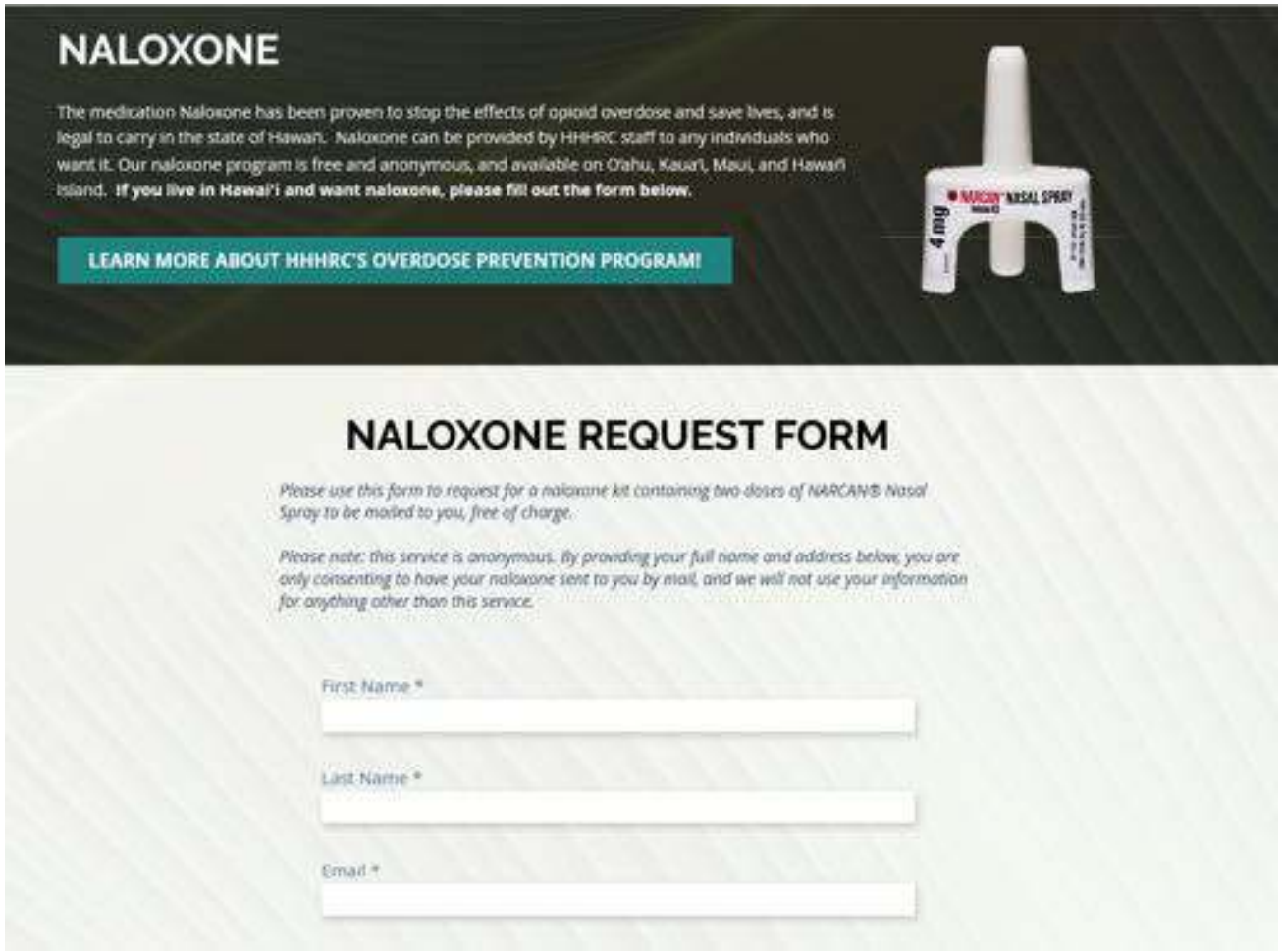
www.hawaiiopioid.org/prevent-overdose

Pharmacists in Hawai'i can prescribe and dispense Naloxone to anyone at-risk for an opioid overdose and their loved ones — Act 154(18).View the map below to find where to get Naloxone in your area.

www.hhhrc.org/overdose



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Overdose Resources

Hawai'i Health & Harm Reduction Center: hhhrc.org

Prescribe to Prevent: prescribetoprevent.org

Get Naloxone Now: getnaloxonenow.org

Ku Aloha Ola Mau: kualoha.com

Hawaii Opioid Initiative: hawaiiopioid.com

DOH – ADAD: health.hawaii.gov/substance-abuse/

Harm Reduction Coalition: harmreduction.org

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POISON Help
1-800-222-1222