

CReDO

Community Response to Drug Overdose



San Diego CReDO



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CReDO – San Diego

Community Response to Drug Overdoses Linking the 3 Ps

- Public Health
- Public Safety
- Prevention

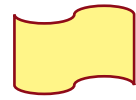
To Save Lives



CReDO – Community Response to Drug Overdose



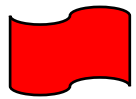
Surveillance



Hospital Fentanyl Testing



Contact Tracing



Best Practice Standard

CReDO – Monthly Surveillance

Monthly Surveillance

- ME data
- San Diego Sherriff Data
- EMS Naloxone Data
- ODMAP
- Team 10 Data
- Case discussion

Examples:

- Pediatric Overdose

PPP



Emergency Department Surveillance

Table 1: EDDS Re-Test Results, by Hospital's Drug Screen Result

	Hospital Found Positive for any drug (N=100) %	Hospital Found Negative for all drugs (N=50) %
EDDS Found Positive for:		
Marijuana	48	12
Cocaine	5	4
Any Amphetamine	76	50
Methamphetamine	67	50
Amphetamine	46	2
Any Benzodiazepine	43	12
Lorazepam	25	12
Alprazolam/α-Hydroxyalprazolam	10	0
Demoxepam	7	0
Oxazepam	6	0
Any Non-Fentanyl Opioid	11	4
Morphine	5	2
Oxycodone	5	0
Any Fentanyl	6	4
Fentanyl/Norfentanyl	6	4
Other Drugs		
Diphenhydramine	21	10
Gabapentin	11	6
Trazodone/mCPP	11	4
Ephedrine/Pseudoephedrine	9	0
Dextromethorphan	5	0

The EDDS program operates at the Center for Substance Abuse Research (CESAR) at the University of Maryland, College Park

Note: Drugs included in the hospital's routine drug screen are bolded.

Hospital Reaction

Emergency Department Surveillance

Hyperspace - SHME EMERGENCY - Production

Epic ED Chart In Basket ED Manager ED Map ED Track Board Remind Me UpToD

Harris, Amber L

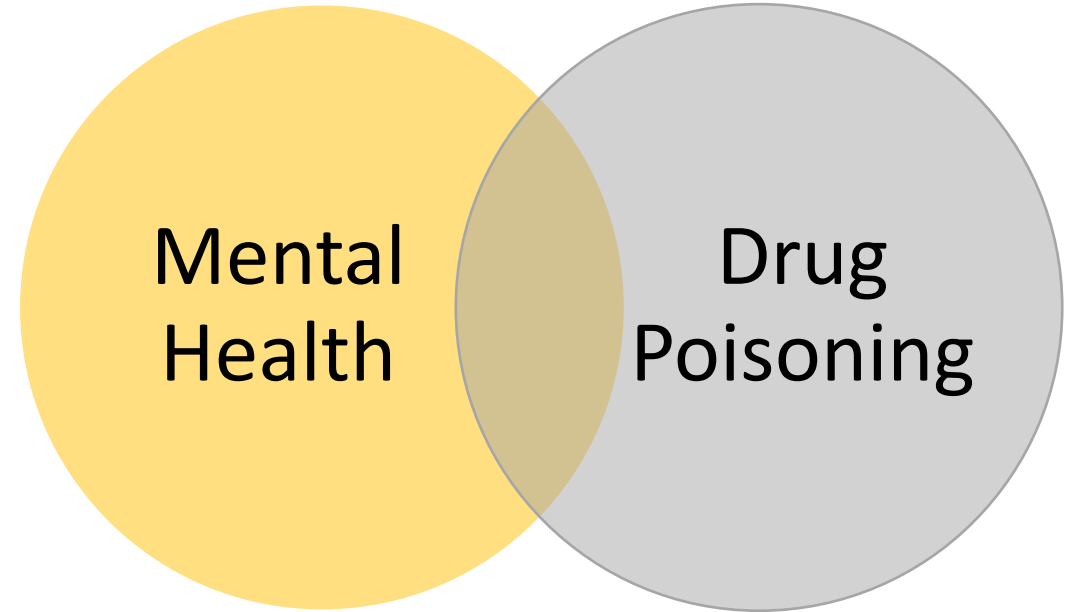
ED Track Board (ME ED)

Sign Out Edit Shifts Tx Team Refresh Add'l Tools Comments First Provider Evaluation

My Pts (1) My + Unassigned (11) Gold (24) Suite A (9) Trauma (0) All Pts (52) More Views

Bed	Priva	Pat	Age/Gende	Complaint	A	TT	Current Sta	RN	AHP
B04			H... 34 y.o. / F	Abdominal Pain	3	04:00	00:29		
E06			P... 25 y.o. / M	Head Injury; Assault Victim	3	04:15	03:58	V...	
E02			W... 26 y.o. / M	Dental Pain; Hip Pain	3	04:35	02:37	L...	
E08			C... 24 y.o. / F	Head Injury	3	04:38	02:27		
E11			S... 23 y.o. / M	Head Injury	4	04:51	00:31		
B09			.. 53 y.o. / F	Anxiety	4	05:21	00:33		
B02			. 32 y.o. / M	Altered Mental Status	2	05:32	02:03		
B10			C... 91 y.o. / F	Syncope	3	06:37	00:11		
B05			M... 32 y.o. / F	Headache	3	07:39	04:32	M...	
A09			C... 25 y.o. / M	Alcohol Intoxication	5	07:41	01:33	J...	
A11			. 16 y.o. / M	Alcohol Intoxication	3	08:11	04:13		
A10			H... 27 y.o. / M	Suicidal	2	08:19	07:58		
OTF			L... 52 y.o. / F	Drug Overdose	5	08:48	04:05		
B08			A... 88 y.o. / M	Shortness of Breath	3	09:15	01:11	M...	
B03			S... 24 y.o. / F	Motor Vehicle Crash	4	09:42	00:21		
OTF			N... 50 y.o. / F	Chest Pain	2	09:55	04:30	A...	
B06			L... 36 y.o. / F	Psychiatric Evaluation	2	10:01	03:31	M...	
OTF			M... 32 y.o. / M	Rash; Abscess	4	10:29	04:16		
A02			G... 75 y.o. / F	COVID-19	3	10:56	01:39	S...	
OTF			L... 19 y.o. / F	Cough; Fever	3	11:53	08:38		
E04			S... 60 y.o. / M	Suicidal	2	14:08	08:23	V...	
E07			G... 50 y.o. / F	Alcohol Problem	3	15:19	09:58	V...	
A06			V... 74 y.o. / F	Weakness	3	23:06	14:21		
B01			C... 46 y.o. / M	Withdrawal; Suicidal	2	24:59	18:00		
E01			T... 34 y.o. / M	Assault Victim	4	28:29	08:23	L...	
E05			A... 51 y.o. / F	Suicidal; Homicidal; Psc...	2	38:37	08:23	V...	
B07			B... 66 y.o. / M	Psychiatric Evaluation	2	45:58	08:23	M...	
E09			D... 54 y.o. / M	Suicidal	2	69:17	08:23		
F03			S... 36 y.o. / F	Bipolar	3	76:07	08:23		
OTF			V... 37 y.o. / F	Headache	3	92:09	85:47		
F01			P... 20 y.o. / M	Psychiatric Evaluation	2	127:18	08:23		
F04			S... 29 y.o. / F	Suicidal	2	131:56	08:23		
E10			A... 48 y.o. / F	Psychiatric Evaluation	2	132:53	08:23		
F02			D... 38 y.o. / F	Manic Behavior	3	136:57	08:23		
B12			Y... 23 y.o. / M	Psychiatric Evaluation	2	232:35	08:23		

ED Psychiatric Boarding Treatment



Hypothesis:

- 50% BHU admission/transfer + THC
- Average Meth Detoxification time
- >50% ED holds + drugs

Fentanyl Testing Currently Availability



Fentanyl immunoassay drug testing is available in real time (within 1 hour)

- Fentanyl is a synthetic opioid that does not detected as part of an opioid panel.
- Detection requires a separate test and reagent.
- All standard chemical analyzes can utilize fentanyl immunoassay reagents



Fentanyl immunoassay drug test can be sent out with results available in a few days



There are no FDA 510(k) cleared point of care rapid urine strip test for fentanyl that is part of a multi-drug panel.

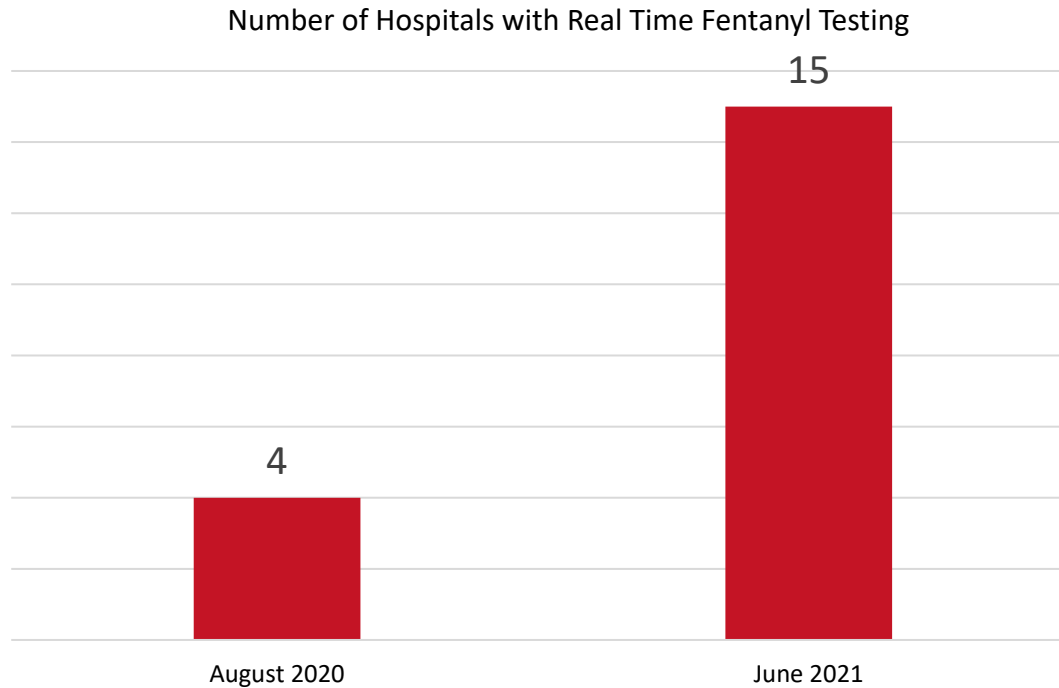
San Diego sent a letter to FDA requesting emergent use of such test



Case Example: 14-year-old with presumed fentanyl

Fentanyl Testing as Standard of Care

- 15 out of 24 Hospitals test for Fentanyl
- Increase from 17% (4) to 62.5% (15) in 10 months



Alvarado
El Centro
Kaiser San Diego
Kaiser Zion
Navy Camp Pendelton
Navy Balboa
Palomar Health - Escondido
Palomar Health - Poway
Paradise Valley
Pioneer
Rady Children
Scripps Encinitas
Scripps Green
Scripps La Jolla
Scripps Mercy - CV
Scripps Mercy - SD
Sharp - CV
Sharp - Coronado
Sharp- Grossmont
Sharp - Memorial
UC Health - La Jolla
UCSD- Hillcrest
Tri-City
VA - Health

How a positive Fentanyl Test can save lives

1. Warn a provider
2. Warn a patient/ friends
3. Rx for naloxone
 - For the patient
 - For friends & loved ones
4. Connect to treatment / motivation to change
5. Assist outpatient provider



Infectious Disease Model for Drugs

Shigella



To: CAHAN San Diego Participants

Date: October 11, 2021

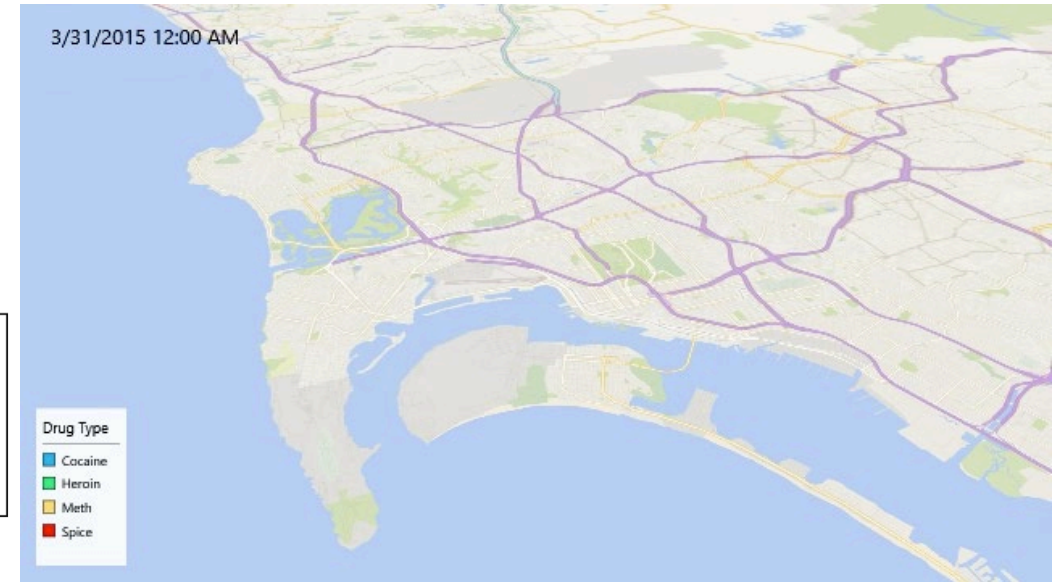
From: EISB, Public Health Services

Health Advisory: *Shigella sonnei* among persons experiencing homeless in San Diego County

Key Messages

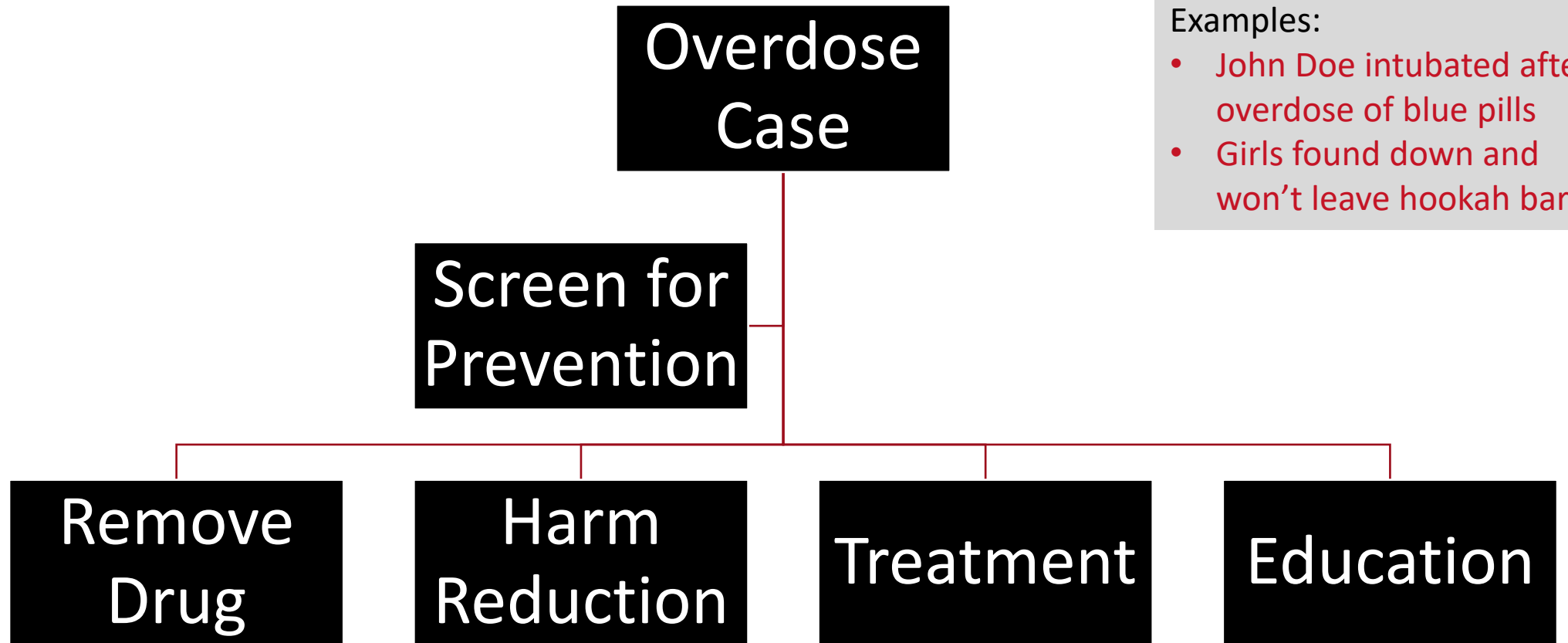
- Six cases of *Shigella sonnei* have been recently reported among persons experiencing homelessness (PEH). PEH are at increased risk for shigellosis and other enteric diseases
- Most shigellosis cases are self-limited and do not require antibiotic treatment.
- If treatment for shigellosis is indicated, it should be guided by culture with antibiotic susceptibility testing (AST).
- Persons experiencing homelessness diagnosed with shigellosis should not be released from medical care without shelter and access to an unshared restroom.

Spice



Contact Tracings for Overdoses

RCA – Root Cause Analysis



Examples:

- John Doe intubated after overdose of blue pills
- Girls found down and won't leave hookah bar

CReDO – Voluntary Standard for Overdose Response



National Voluntary Standards to Response to Overdose Clusters



Example of National Voluntary Standard