

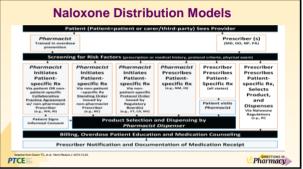




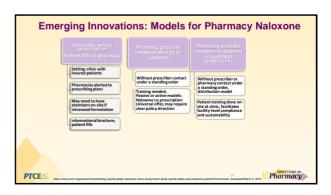
Opioid	Oral Equianalgesic Dose (mg)	
Morphine	30	
Hydrocodone	30	
Oxycodone	20	
Codeine	200	
Hydromorphone	7.5	
Meperidine	300	
Oxymorphone	10	
Tramadol	120	

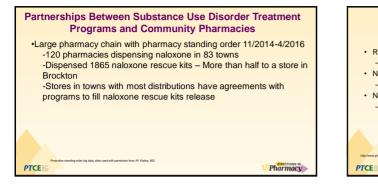
Rationale for Overdose Education and Naloxone Rescue Kits				
	Feasibility	• Piper, nr. et al. Subri f Uar Minuez. 2008: 442, 853-70. - Store-Sandran, and J. An J. Yuddi: Hoshi S. 2009: 59: 738-791. • Internet, et al. J. Unidam Health. 2010; 27: 733-141. • Elementet, et al. J. Unidam Health. 2011; 88: 1203-30. • Walling, et al. J.EAT. 2013; 46-241-7. [Methadone and detos programs]		
	Increased knowledge and skills	-Green, et al. Addection. 2008. 1015/078-80. -Tobin, et al. fed J Drug Poligy. 2009. 20; 211-6. -Wilagner, et al. Jet J Drug Poligy. 2010: 21: 185-93.		
	No increase in use Increase in treatment	-Seal, et al. / Linbon Neolth. 2005;82:303-11. -Doe-Steikins, et al. BMC Public Nealth. 2014 14:297.		
R	eduction in overdose in communities	•Maxwell, et al. J Adder 21h: 2006 25; 89-96. •Varan, et al. And / Epidemiol. 2015; 274: 303-8. •Waller, et al. Adder 2015; 366: 121. •Bird, et al. Adderson. 2015; 50 per 1.		
	Cost -effective	•CoHn and Sollivan. Atminteen Med. 2013 Jan 1;158[1];1-9		
PTCE	er e		Upharmacy	











Expanded Access in Community Pharmacies

· Rhode Island

- A statewide protocol involving informed consent from each patient New Mexico
 - First in the nation to grant prescriptive authority for naloxone

North Carolina

 Project Lazarus: Increasing naloxone access in community pharmacies in collaboration with Community Care of North Carolina's Chronic Pain Initiative

Pharmacu

Pharmacist Training

 A pharmacist must successfully complete a training program with a minimum of one hour of
approved continuing education on the use of naloxone prior to furnishing Patient Education

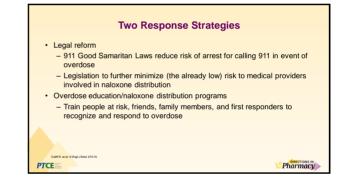
Pharmacist Protocol for Furnishing

Naloxone in California

PTCE

- · Must provide education, including opioid overdose education (prevention, recognition, and response), administration of naloxone, potential side effects or adverse effects, and the requirement to seek emergency medical care for the patient.
- · Must provide information about referrals and resources for drug addiction and proper drug disposal, if needed
- · Must ensure that the information is understood and all questions are answered before the naloxone kit is provided

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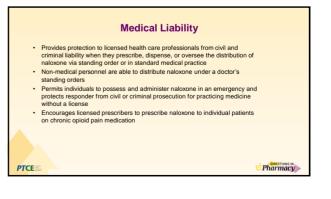
911 Good Samaritan Laws · Similar to, but different from CPR-based Good Samaritan Laws · Protect caller, bystanders, and victim from arrest for drug charges when 911 is called in event of overdose Meant to minimize fear of police when calling 911 · Protects callers & victims from charges related to being under the influence or possession for personal use of drugs or drug paraphernalia · Does not provide immunity against: - Sales or distribution

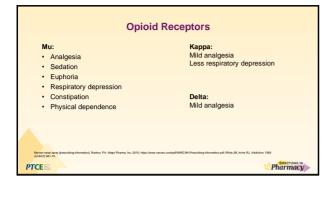
- Forcibly administering a drug against a person's will

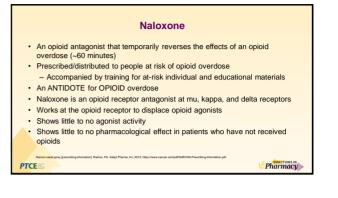
- DUI or drugged driving

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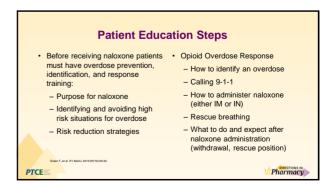


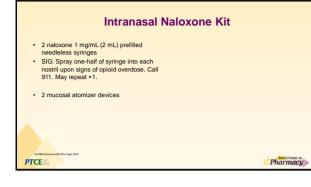


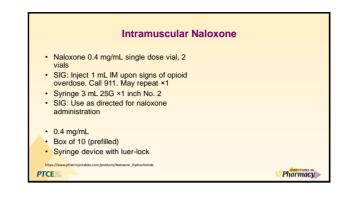


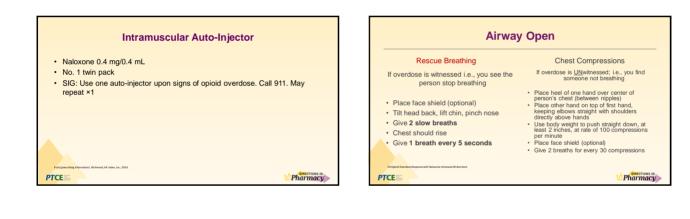


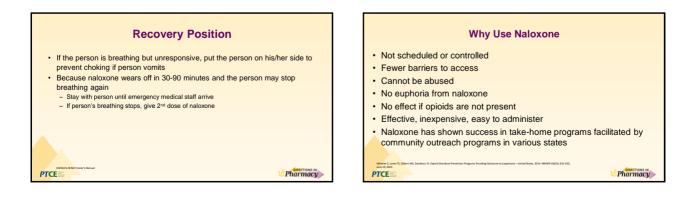












Conclusion

- There is an opioid epidemic in this country
 Find ways to identify patients at risk for opioid overdose
- Participate in your community based on state laws to distribute naloxone Various naloxone products and routes available
- Patient education is key
 Find referral sources for treatment programs
- PTCE

Pharmacy

