

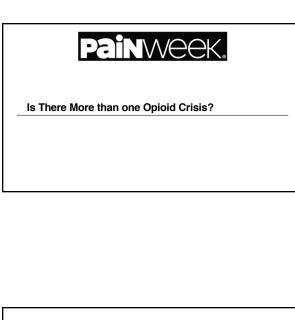
The Other Opioid Crisis: Fentanyl and Heroir	The	Other	Dioid	Crisis:	Fentany	l and	Heroin
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Disclosures Nothing to disclose

Learning Objectives

- ■Describe the opioid overdose crisis in the United States today
- •Discuss common beliefs and inconsistencies about the role of prescription opioids in the opioid crisis
- Identify the intersection of illicit drug use and clinical pain practice in today's "opioid epidemic"
- Provide clinically relevant recommendations for navigating the current landscape without depriving pain care to patients in need







The Facts

- ■People are dying..
- People are angry and reacting
- ■People are scared
- Overdoses from drugs (ALL drugs, legally prescribed or not) including opioids, hallucinogens, cocaine, etc.

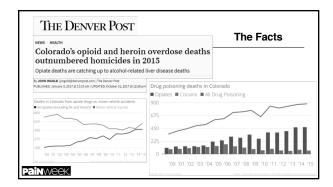
 —~ 72,000 deaths nationwide in 2017
 - - ↑ 12% from 2016

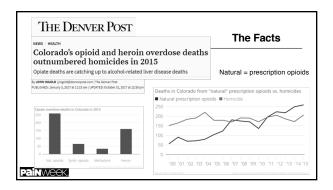


PainWeek, There is More Than One Opicid Crisis. To better facilite the epid published Jan. 17, 2018. https://www.https/got.com/features/ther

The Facts ■ Drug(s) Responsible May be Unknown -Overdose is usually about RESPIRATORY DEPRESSION Sometimes causes are not reported May depend on the state Trends can be difficult to identify ■ This may lead to a lack of focus Painweek.

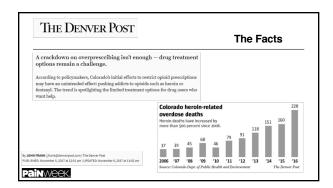
The Facts: Kentucky as an Example The most common drugs found in Kentucky's overdose victims Based on an analysis of 1,471 drug overdose deaths in 2016 PainWesterfight There is More Than One Opicid Crisis. To before tacks the opidentic, Kentucky seeded to know which drugs were causing belief our

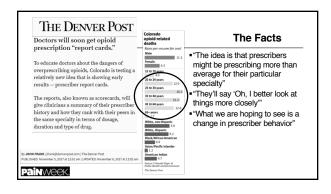






The Denver Post "The state tracks opioid prescriptions, but doctors aren't required to check the database" "The vast majority of states require clinicians to check the Prescription Drug Monitoring Program (PDMP) database before writing most opioid prescriptions" | The Post Post | Colorado drug-related | National Post | National







Important Societal Questions

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Is the Current Climate Living up to Promises Made in the Past?

Does the chronic pain patient still have rights?

Is this a problem about chronic pain patients abusing prescription pain medications?

Bill of Rights for People with Chronic Pain

The right to have your report of pain taken seriously and to be treated with dignity and respect by doctors, nurses, pharmacists and other healthcare professionals. The right to have your pain thoroughly assessed and promptly treated.

The right to be informed by your doctor about what may be causing your pain, possible treatments, and the benefits, risks and costs of each.

The right to participate actively in decisions about how to manage your pain.

The right to have your pain re-assessed regularly and your treatment adjusted if your pain has not been eased.

The right to be referred to a pain specialist or other healthcare provider if your pain persists.

THE DENVER POST

NEWS - MALAIN

Chronic pain patients say they are hurt by
Colorado's opioid prescription guidelines

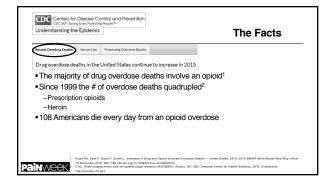
Some Colorado doctors are refusing to prescribe opioids to chronic pain

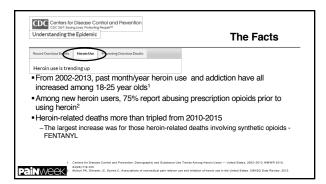
The Clinical **Implications**

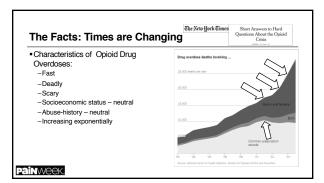


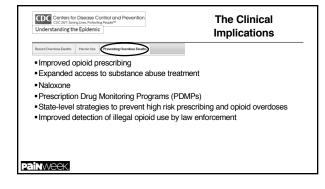
low, across Colorado and the rest of the ation, these policies intended to address ploid abuse have unexpectedly harmed attents who depend on the drugs to treat rornic conditions, pain specialists and tient advocates say. The policies are possed to offer guidance — helpful lvice to doctors to be cautious in escribing more than a certain amount of folds to any one patient.

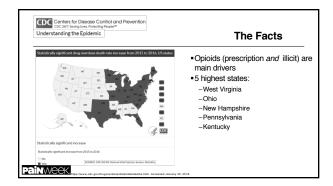
Officials at the Colorado Department of Regulatory Agencies are looking at revising the guidelines. The Colorado Connectium for Prescription Drug Abase Prevention, is group of medical and drug experts, is also working on ideas to protect pala patients while cracking down on optoid abase.

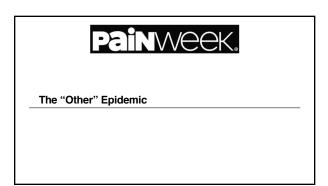




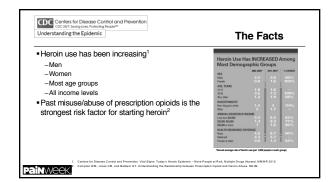


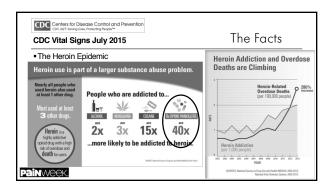


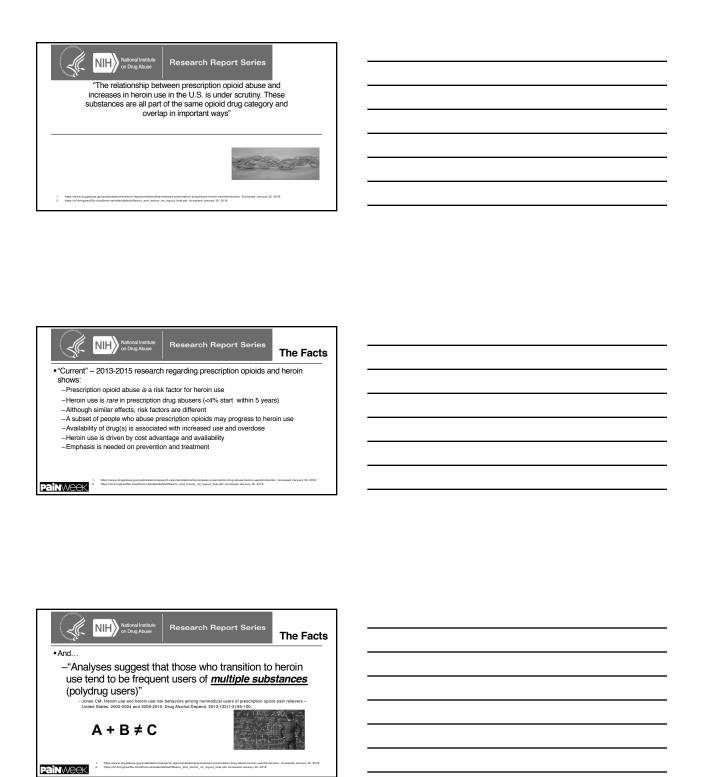


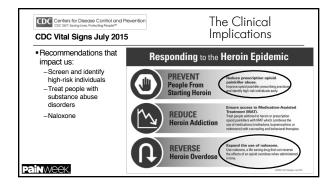


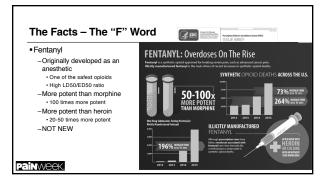
Heroin The Facts Highly addictive It is an opioid Made from morphine --3 times more potent A natural substance -Extracted from the opium poppy plant Asia Mexico Colombia



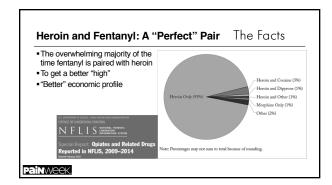


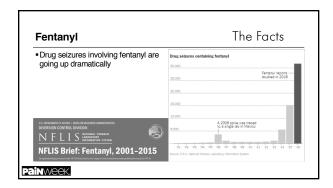


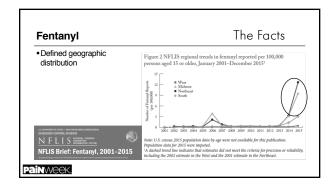


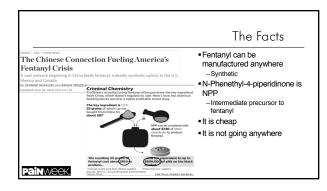


Case 1 - 42 year-old Hispanic male - Addicted to heroin - Comes to the same street corner every day to buy heroin - First dose usually free - He's actually buying heroin laced with fentanyl - "It's a new epidemic" he says - "If you catch a bag of pure fentanyl, that Narcan ain't bringing you back" - "I just watched my friend die from fentanyl"









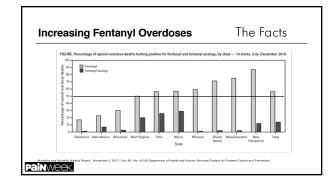
Terminology

The Facts

- A very small amount of fentanyl is potentially fatal
- This applies to **licit or illicit** fentanyl
- -Illicitly manufactured fentanyl is likely no more dangerous than legally manufactured fentanyl
- - -FENTANYL CITRATE SHOULD BE ADMINISTERED ONLY BY PERSONS
 SPECIFICALLY TRAINED IN THE USE OF INTRAVENOUS ANESTHETICS AND
 MANAGEMENT OF THE RESPIRATORY EFFECTS OF POTENT OPIOIDS
- -AN OPIOID ANTAGONIST, RESUSCITATIVE AND INTUBATION EQUIPMENT AND OXYGEN SHOULD BE READILY AVAILABLE
- OATGEN SHOULD BE HEADLIT AVAILABLE
 Fentany may cause muscle rigidity, particularly involving the muscles of respiration
 DIMINISHED SENSITIVITY TO CO2 STIMULATION MAY PERSIST LONGER THAN
 DEPRESSION OF RESPIRATORY RATE

 INWECK

The Implications **A Fentanyl Crisis** In 24 of the nation's largest cities fatal fentanyl-related overdoses increased 600% from 2014-2016 The Washington Post Painweek.



Different Types of Fentanyl and Presentations

- Different formulations and varying potencies:
 Fentanyl

- - -Powder
- -Counterfeit pills





The Facts Carfentanyl Synthetic Large animal anesthetic The Washington Post ■ 100 times more potent than fentanyl By Lynh Bui and Peter Hermann April 26, 2017 Elephant tranquilizer is the latest lethal addition to the heroin epidemic ■10,000 times more potent than morphine ■ Airborne/skin exposure often fatal -2012 Moscow Theater Hostage Crisis

The Facts

- Fentanyl in the wrong hands is deadly
- Potentially contributing significantly to overdose/fatal overdose risk
- Analogs not often tested for in routine toxicology testing
- Naloxone is a <u>bridge</u> to survival but not a final solution

 Re-narcotization from fentanyl is common
 Blunting of CO₂ response will persist

 - -Diminished hypoxic drive may persist

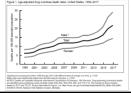


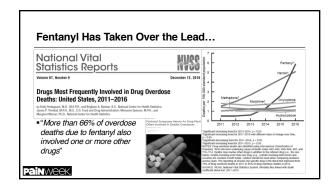
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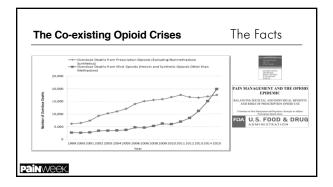
New CDC Data for 2017 Painweek.

New CDC Data for 2017

■ The age-adjusted rate of drug overdose deaths involving synthetic opioids other than methadone (drugs such as fentanyl, fentanyl analogs, and tramadol) increased by <u>45%</u> between 2016 and 2017, from 6.2 to 9.0 per 100,000







We didn't Start the Fire...Or did We?

- Significant controversy exists to the relationship between prescription opioids and the heroin/fentanyl epidemic
- Tracking back to prescribers

 The 1990s when opioid prescribing increased
 Pain being designated as the "fifth vital sign" in 2000
 Pain Bill of Rights
 Evolution of "pill mills"
- -Related to cost and availability

 Heroin and fentanyl are cheaper and stronger



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Case 2

- ■26 year-old white female
- -Has 2 children ages 4 & 7 who live with their godmother
- -Became addicted to opioids after being prescribed oxycodone post C-Section -Addiction to oxycodone transitioned to heroin
- -Addiction to heroin transitioned to heroin/fentanyl
- "If there's no fentanyl in it, I don't want it at all" -Tried 14-day rehab without success
- "This is all I know anymore...It's all I know"



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Who and What is Our Responsibility?

We Are Involved Like it or Not

Does the United States Own The Problem??

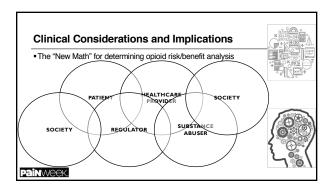
- ■We are not alone
- ■This is a global issue
- In 2015, approximately ¼ billion people abused/misused drugs
- -- ~ 29.5 million (0.6% of global adult population) engaged in problematic use/suffered from substance use disorder

 70% of the global burden of disease caused by drug use disorders attributable to opioid



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The Facts However... Drug-related deaths remain highest in the U.S.



Final Thoughts

- We must consider the parallel "opioid" crises that exist today
 Our role in these problems
- Heroin and fentanyl are not going anywhere
- Remember the "New Math"
- Naloxone is likely something to keep top of mind
- Avoidance of "risky" situations is critical
- Strongly consider and document appropriate candidates for fentanyl-based therapies
- Everyone is looking at us as an integral part of solving the "other" opioid crisis
- Everyone is looking to us to be a part of the solution to both crises

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Final Thoughts

But... Let's not make patients "pay" for the other crisis



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"Cure sometimes, treat often, comfort always."
— Hippocrates

Questions?	
Pain week	