

Opioids: Epidemiology and Risk Factors for Misuse

Lauren Whiteside MD MS

Assistant Professor

University of Washington Department of Emergency Medicine

September 24, 2019

UW Medicine

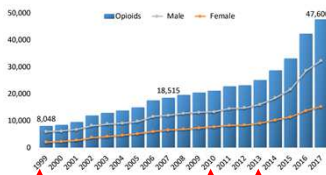
Objectives

- Review National and Regional Opioid Overdose statistics
- Opioid Terminology
- Prescribed Opioids and possible harms

© 2019 UW Medicine

UW Medicine

National Drug Overdose Deaths Involving Any Opioid
Among all Ages, by Gender, 1999-2017

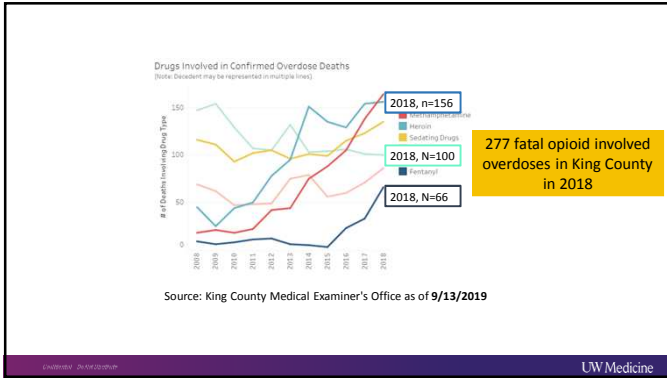


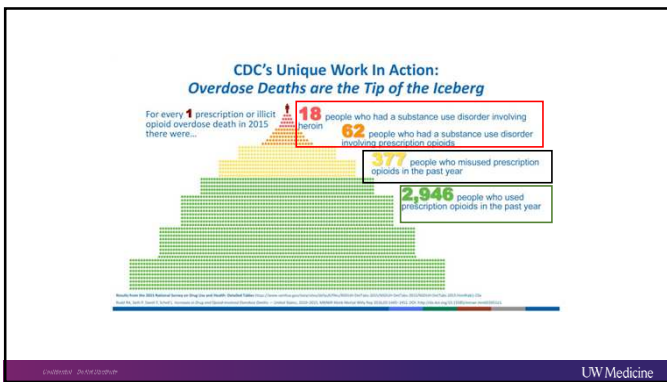
Source: - Centers for Disease Control and Prevention, National Center for Health Statistics, Multiple Cause of Death, 1999-2017 (as of 12/15/2018).
© 2019 UW Medicine

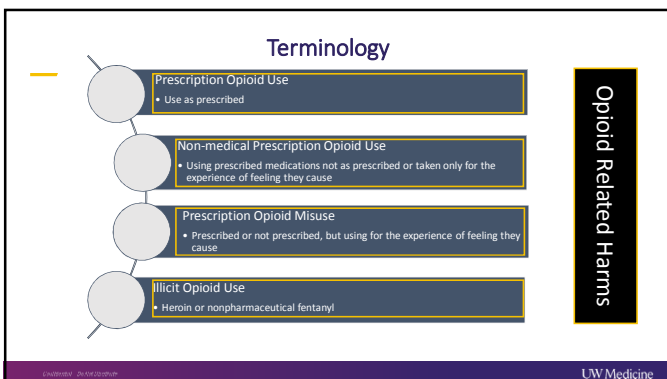


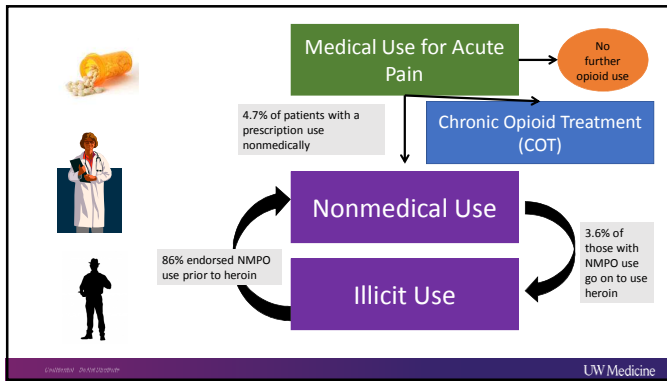
© 2019 UW Medicine

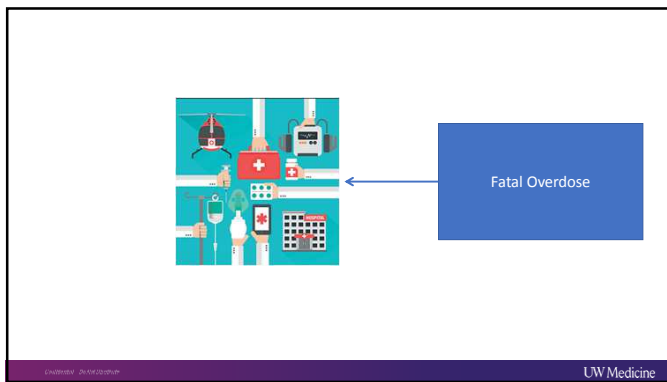
UW Medicine











Original Contribution PMID
 December 10, 2008
Patterns of Abuse Among Unintentional Pharmaceutical Overdose Fatalities
 Allen J. Hall, MD, MPH, Joseph C. Logan, PhD, Robert L. Taylor, MD, MPH, et al.
 3 Author Affiliations | Article Information
 JAMA. 2008;300(25):2613-2620. doi:10.1001/jama.2008.802

Abstract
Context The rate and abuse of prescription narcotic analgesics have increased dramatically in the United States since 1990. The effect of this phenomenon has been most pronounced in rural states, including West Virginia, which experienced the nation's largest increase in drug overdose mortality rates during 1999-2004.

Associated with overdose death:

- Diversion (used prescription opioids, but no prescription)
- Doctor Shopping (5+ clinicians prescribe in the past year)

UW Medicine

Opioids are good pain medications

Injuries are painful

How do we identify patients with injury/trauma at risk for opioid related harms?



UW Medicine

References

- Centers for Disease Control <https://www.cdc.gov/drugoverdose/index.html>
- Compton WM, Jones CM, Baldwin GT Relationship between Nonmedical Prescription Opioid Use and Heroin Use. NEJM 2016; 374:154-163
- Han B, Compton WM, Blanco C et al. Prescription Opioid Use, Misuse and Use Disorders in U.S. Adults: 2015 National Survey on Drug Use and Health. Ann Internal Med 2017;167(5):293-301
- National Institute on Drug Abuse <https://www.drugabuse.gov/drugs-abuse/opioids>

UW Medicine

Thank You

UW Medicine
