

Interpreting Urine Screens and Serum Opioid Levels in the Chronic Pain Patient

Opioid Pharmacokinetics & Toxicokinetics

Jeffrey Fudin, Pharm.D. DAAPM
Clinical Pharmacy Specialist-Pain Management
Dept. of Veterans Affairs Medical Center-Albany, NY
Associate Professor of Pharmacy Practice, Albany College of Pharmacy

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LEARNING OBJECTIVES:

Upon completion of this overview, the attendee should be able to:

1. Understand the general pharmacokinetic terminology.
2. Discuss important parameters to include within a Controlled Substance Agreement.
3. Understand the medicinal chemistry of opioids and apply this understanding to drug selection and urine/serum monitoring.
4. Discuss important medicinal and analytical chemistry pearls important to opioid monitoring in the clinical setting.
5. Discuss the limitations of urine tox screen reports.
6. Interpret positive and negative results of urine tox screens.
7. Compare and contrast serum opioid predictability and urine tox data.

References:

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Drug Abuse Warning Network - DAWN - Publications Drug Abuse Warning Network (DAWN) The Drug Abuse Warning Network (DAWN) is an ongoing drug abuse data collection system sponsored by SAMHSA's Office of Applied Studies. www.samhsa.gov/oas/dawn.htm, <http://www.samhsa.gov/oas/dawn.htm>

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