

Prescribing Opioids for Patients with Current or Previous History of Substance Abuse

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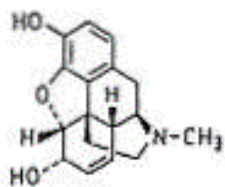
LEARNING OBJECTIVES:

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

1. Understand the concept of BALANCE among clinicians who treat pain, clinicians who treat addiction, those who regulate, and those who enforce legislation.
2. Compare and Contrast Addiction, Pseudo-addiction, Tolerance, Physical Dependence
3. Understand the role and necessary content of an opioid agreement.
4. Understand the appropriate proactive and reactive prescribing strategies based on perceived patient risk
5. Understand the medicinal chemistry of opioids and apply this understanding to drug selection and urine tox screens.
6. Interpret positive and negative results of urine tox screens

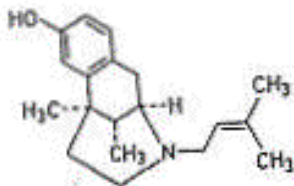
Chemical Classes of Opioids

PHENANTHRENES



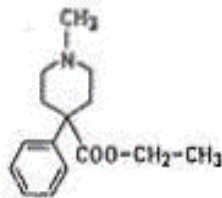
MORPHINE

BENZOMORPHANS



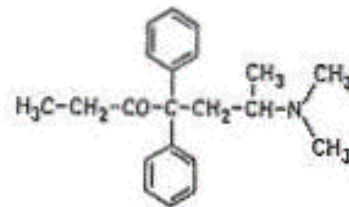
PENTAZOCINE

PHENYLPYPERIDINES



MEPERIDINE

DIPHENYLHEPTANES



METHADONE

Rx EXAMPLES > morphine
codeine
hydrocodone* loperamide
hydromorphone*
levorphanol*
oxycodone*
oxymorphone*
buprenorphine*
nalbuphine
butorphanol*
naloxone*
heroin (diacetyl-morphine)

pentazocine
diphenoxylate

meperidine
fentanyl
sufentanil
alfentanil
remifentanil

methadone
propoxyphene

X-SENSATIVITY > PROBABLE

POSSIBLE

LOW RISK

LOW RISK

*These agents lack the 6-OH group of morphine, possibly decreasing cross-sensitivity within the phenanthrene group.

Courtesy of Dr. Jeffrey Fudin

References:

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Dietzen DJ, Ecos K, Friedman D, Beason S. Positive predictive values of abused drug immunoassays on the Beckman Synchron in a veteran population. J Anal Toxicol 2001 Apr;25(3):174-8. Veterans Affairs Medical Center, Department of Pathology, University of Tennessee School of Medicine, Memphis 38104, USA. dennis@pathology.utmem.edu

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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