

Analgesic Poisoning

8 August 1997

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CONFERENCE OBJECTIVES:

At this conference we will review the epidemiology, pathophysiology and management of analgesic poisoning. When you leave the conference you should be able to:

- Describe the manifestations of acetaminophen, aspirin, and opiate poisoning.
- Explain the limitations of the Done and Rumack Matthew nomograms.
- Describe the dosing protocol for naloxone and acetylcysteine use.
- Explain the pathophysiology of acetaminophen and aspirin poisoning.
- Contrast the epidemiology of acetaminophen, aspirin, and opiate poisoning.

REFERENCES:

- Presentation slide are all available online at:
http://ctr.umkc.edu/user/umkcmedpharm/section/core_cur/paind/index.htm
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- Krause DS et al. Acute aspirin overdose: Mechanisms of toxicity. *Ther Drug Mon* 1992;14:441.
- Gabow PA et al. Acid-base disturbances in the salicylate-intoxicated adult. *Arch Intern Med.* 1978;138:1481.
- Dugandzic RM et al. Evaluation of the validity of the Done nomogram in the management of acute salicylate intoxication. *Ann Emerg Med* 1989;18:1186.