

PAIN MANAGEMENT

Acetaminophen, Ibuprofen, Hydrocodone, Ketorolac, Morphine, Hydromorphone

Contraindications to NSAIDS

Pregnant Patients

Elderly Patients

Renal Patients

Cardiac Patients

GI Bleeds/Irritation

Side Effects of Narcotics

Sedation

Constipation

Opiate Addiction

References

Emedhome. "Evidence-based Use of NSAIDs in the ED." Raney, Laurence: Medical Univ. of South Carolina.

The Big 6 Pain Medicines

1) ORAL Acetaminophen (Tylenol)

Every 4-6 hours

Regular Strength: 325mg. Extra Strength: 500mg.

Maximum Daily Dose: 3g

2) ORAL Ibuprofen

Every 4-6 hours

Regular Strength: 200mg

Therapeutic Ceiling: 200-400mg

3) ORAL Hydrocodone-Acetaminophen (Vicodin, Norco, etc)

Every 4-6 hours

5mg, 7.5mg, 10mg hydrocodone **PLUS** 325 tylenol

Maximum daily acetaminophen dose 3g

4) IV/IM Ketorolac (Toradol)

Common Doses: 15mg, 30mg, 60mg

Therapeutic Ceiling: 10mg

5) IV/IM Morphine

0.1 mg/kg. Titrate and repeat as necessary

Approximately 7mg/dose in adults

6) IV/IM Hydromorphone (Dilaudid)

0.015 mg/kg. Titrate and repeat as necessary

Approximately 1mg/dose in adults