

KETOROLAC INJECTION

EMSAC OCTOBER 2025

ACTION: Analgesic/antipyretic

- Non-steroidal anti-inflammatory (NSAID)
- Non-selective cyclooxygenase (COX) inhibitor, ~~which~~ slows the production of prostaglandins (mediators of the inflammatory response causing pain and fever) ~~by competitively blocking the enzyme (COX).~~

INDICATIONS:

- Mild to moderate pain as described by patients with a pain scale score ≤ 6 ~~or less~~.

CONTRAINDICATIONS:

- Known allergy or hypersensitivity to NSAIDs or aspirin
- ~~Active~~ Hemodynamically unstable bleeding or bleeding disorder (hemophilia)
- Suspected stroke or head trauma
- Suspected pregnancy
- ~~• Acute significant trauma (see notes)~~
- ~~• Acute neurologic symptoms (including focal weakness, paresthesias or other stroke symptoms)~~
- ~~• Hemophilia~~
- ~~• Pregnant or high possibility of pregnancy as reported by patient~~
- History of GI bleeding or ulcers
- Current ~~aspirin or~~ anticoagulation therapy
- History of renal disease, or kidney transplant
- <30kg (65lbs) in weight
- Age ~~< 18 years old or > 65 years old~~
- ~~• Hypotension~~
- ~~• Current steroid use~~
- ~~• History of asthma~~

POTENTIAL SIDE EFFECTS:

- | | |
|---------------------------------|----------------------------------|
| • Diarrhea | • Nausea/vomiting |
| • Abdominal pain | • Drowsiness |
| • Increased risk of GI bleeding | • Tinnitus (ringing in the ears) |

ADULT DOSE/ROUTE:

⇒ Dose: 15 mg X1 IV push (preferred), or 15 ~~30~~ mg IM ~~40~~.

~~*IV preferred route~~

PEDIATRIC DOSE/ROUTE:

⇒ Dose: 15mg X 1 IV push (preferred), or 15 mg IM ~~40~~

⇒ Do not use in patients < 30kg/65lbs ~~Under Age <18~~

NOTES:

- Use with caution in patients >65 years of age, that are more likely to have listed contraindications
- Clinically evaluate patients to determine if pain score can be administered. If pain score cannot be administered due to patient condition (severe pain) consider alternates to ketorolac.
- ~~Significant trauma consists of injuries requiring trauma center destination criteria, or those as a result of which the paramedic is concerned for internal/difficult to control hemorrhage.~~

Effective: xx/xx/xx
Supersedes: 10/29/18