

KETOROLAC INJECTION

ACTION: Analgesic/antipyretic

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

INDICATIONS:

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

CONTRAINDICATIONS:

- Known allergy or hypersensitivity to NSAIDs
- 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
- 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 IV/IO* bolus or 30 mg IM.

**IV preferred route*

PEDIATRIC DOSE/ROUTE:

⇒ **Do Not Use in Patients Under Age 18**

NOTES:

- 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: 10/29/18
Supersedes: New*