

TORADOL Fact Sheet

(ketorolac tromethamine)

KEE-toh-roh-LAK troh-METH-uh-meen



Class: Non-steroidal Anti-inflammatory Agent (NSAID)

Mechanism of Action:

Chemical effects: May inhibit prostaglandin synthesis

Therapeutic effect: 1) Relieves pain associated with inflammation
2) Antipyretic agent
3) Does not effect CNS, considered to be a peripheral acting analgesic therefore it does not possess the same sedative properties as a narcotic

Pharmacokinetics:

Onset: approx 30 minutes

Peak effects: 45-60 minutes

Half life: 4-6 hours

Indications:

- 1) Isolated extremity fracture or dislocation with severe pain
- 2) Non-traumatic Pain as specified by PA DOH 7003 Protocol
- 3) Renal/Biliary Colic and Kidney Calculi (Stones)
- 4) Other conditions deemed appropriate by "online" medical control

Absolute Contraindications:

- 1) Known hypersensitivity to the drug or it's components
- 2) Allergies to Aspirin or other NSAID's
- 3) Oral NSAID's taken within the last 6 hours
- 4) Bleeding or suspected bleeding (e.g. external/internal trauma, GI, vascular)
- 5) Known Kidney Disease/Failure or Kidney Transplant

Relative Contraindication:

Patient's currently taking NSAID'S or Aspirin, Toradol is a Standing Order, Contact Medical Control prior to administration for any other use.

NOTE: For patients on an aspirin or NSAID regiment providers must contact medical control

Precautions:

- 1) GI Irritations
- 2) Hemorrhage
- 3) Kidney Disease/Failure

Side Effects:

- 1) Burning or pain at the injection site
- 2) Edema
- 3) Nausea
- 4) Hypertension
- 5) Rash / Itching
- 6) GI Distress
- 7) Drowsiness

Interactions:

- 1) When administered with other NSAID's or Aspirin; it may worsen side effects previously listed
- 2) IM administration of Toradol has been found to reduce the diuretic effects of Lasix
- 3) Lithium: may increase the effects of lithium

Dose:

Adult: 30 mg IM or 15 mg IV/IO

Pediatrics: 0.5 mg/kg IV/IO/IM, Maximum 15 mg IV/IO or 30 mg IM

<2y/o: Contact Medical Command