

Indomethacin

Class: Nonsteroidal Anti-inflammatory Drug (NSAID)

Indications: Acute gouty arthritis, acute bursitis/tendonitis, moderate-to-severe osteoarthritis, rheumatoid arthritis, ankylosing spondylitis; I.V. form used as alternative to surgery for closure of patent ductus arteriosus in neonates

Unlabeled: Management of preterm labor; prevention of pancreatitis post-endoscopic retrograde cholangiopancreatography (ERCP)

Available dosage form in the hospital: Capsule, Oral: 25 mg, 50 mg

Capsule, Extended Release, Oral: 75 mg

Suppository, Rectal: 50 mg

Eye drops: 0.1%

Trade Names:

Dosage: Inflammatory/rheumatoid disorders (use lowest effective dose): Oral, rectal: 25-50 mg/dose 2-3 times/day; maximum dose: 200 mg/day; extended release capsule should be given on a 1-2 times/day schedule (maximum dose for extended release: 150 mg/day). In patients with arthritis and persistent night pain and/or morning stiffness, may give the larger portion (up to 100 mg) of the total daily dose at bedtime.

Bursitis/tendonitis: Oral, rectal: Initial dose: 75-150 mg/day in 3-4 divided doses **or** 1-2 divided doses for extended release; usual treatment is 7-14 days

Acute gouty arthritis: Oral, rectal: 50 mg 3 times daily until pain is tolerable then reduce dose; usual treatment <3-5 days

Prevention of pancreatitis post-endoscopic retrograde cholangiopancreatography (ERCP) (unlabeled use): Rectal: 100 mg immediately after ERCP (Elmunzer, 2012)

Dosing: Renal Impairment

No dosage adjustment provided in the manufacturer's labeling; not recommended in patients with advanced renal disease.

Dosing: Hepatic Impairment

No dosage adjustment provided in the manufacturer's labeling; use with caution.

Common side effects: Central nervous system: Headache (12%)

Central nervous system: Dizziness (3% to 9%), depression (<3%), fatigue (<3%), malaise (<3%), somnolence (<3%), vertigo (<3%)

Gastrointestinal: Dyspepsia (3% to 9%), epigastric pain (3% to 9%), heartburn (3% to 9%), indigestion (3% to 9%), nausea (3% to 9%), abdominal pain/cramps/distress

(<3%), constipation (<3%), diarrhea (<3%), rectal irritation (suppository), tenesmus (suppository), vomiting

Otic: Tinnitus (<3%)

Pregnancy Risk Factor: C