

Get emergency help right away if you have any of the following symptoms:

- shortness of breath or trouble breathing
- chest pain
- swelling of the face or throat
- weakness in one part or side of your body
- slurred speech

Stop your NSAID medicine and call your healthcare provider right away if you have any of the following symptoms:

- nausea
- vomiting blood
- more tired or weaker than usual
- there is blood in your bowel movement or it is black and sticky like tar
- itching
- flu-like symptoms
- your skin or eyes look yellow
- skin rash or blisters with fever
- stomach pain
- unusual weight gain
- swelling of the arms and legs, hands and feet

These are not all the side effects with NSAID medicines. Talk to your healthcare provider or pharmacist for more information about NSAID medicines.

Call your doctor for medical advice about side effects. You may report side effects to FDA at 1-800-FDA-1088.

Other information about Non-Steroidal Anti-Inflammatory Drugs (NSAIDs)

- Aspirin is an NSAID medicine but it does not increase the chance of a heart attack. Aspirin can cause bleeding in the brain, stomach, and intestines. Aspirin can also cause ulcers in the stomach and intestines.
- Some of these NSAID medicines are sold in lower doses without a prescription (over-the-counter). Talk to your healthcare provider before using over-the-counter NSAIDs for more than 10 days.

NSAID medicines that need a prescription

Generic Name	Tradename
Celecoxib	Celebrex
Diclofenac	Cataflam, Voltaren, Arthrotec (combined with misoprostol)
Diflunisal	Dolobid
Etodolac	Lodine, Lodine XL
Fenopروفen	Nalfon, Nalfon 200
Flurbiprofen	Ansaid
Ibuprofen	Motrin, Tab-Profen, Vicoprofen* (combined with hydrocodone), Combunox (combined with oxycodone)
Indomethacin	Indocin, Indocin SR, Indo-Lemmon, Indomethagan
Ketoprofen	Oruvail
Ketorolac	Toradol
Mefenamic Acid	Ponstel
Meloxicam	Mobic
Nabumetone	Relafen
Naproxen	Naprosyn, Anaprox, Anaprox DS, EC-Naproxyn, Naprelan, Naprapac (copackaged with lansoprazole)
Oxaprozin	Daypro
Piroxicam	Feldene
Sulindac	Clinoril
Tolmetin	Tolectin, Tolectin DS, Tolectin 600

***Vicoprofen contains the same dose of ibuprofen as over-the-counter (OTC) NSAIDs, and is usually used for less than 10 days to treat pain. The OTC NSAID label warns that long term continuous use may increase the risk of heart attack or stroke.**

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nonsteroidal anti-inflammatory drugs has been reported in such aspirin-sensitive patients, Piroxicam should not be administered to patients with this form of aspirin sensitivity and should be used with caution in patients with preexisting asthma.

Information for Patients

Patients should be informed of the following information before initiating therapy with an NSAID and periodically during the course of ongoing therapy. Patients should also be encouraged to read the NSAID Medication Guide that accompanies each prescription dispensed.

- Piroxicam, like other NSAIDs, may cause CV side effects, such as MI or stroke, which may result in hospitalization and even death. Although serious CV events can occur without warning symptoms, patients should be alert for the signs and symptoms of chest pain, shortness of breath, weakness, slurring of speech, and should ask for medical advice when observing any indicative sign or symptoms. Patients should be apprised of the importance of this follow-up (see **WARNINGS, Cardiovascular Effects**).
- Piroxicam, like other NSAIDs, can cause GI discomfort and, rarely, serious GI side effects, such as ulcers and bleeding, which may result in hospitalization and even death. Although serious GI tract ulcerations and bleeding can occur without warning symptoms, patients should be alert for the signs and symptoms of ulcerations and bleeding, and should ask for medical advice when observing any indicative sign or symptoms including epigastric pain, dyspepsia, melena, and hematemesis. Patients should be apprised of the importance of this follow-up (see **WARNINGS: Gastrointestinal Effects: Risk of Ulceration, Bleeding and Perforation**).
- Piroxicam, like other NSAIDs, can cause serious skin side effects such as exfoliative dermatitis, SJS and TEN, which may result in hospitalizations and even death. Although serious skin reactions may occur without warning, patients should be alert for the signs and symptoms of skin rash and blisters, fever, or other signs hypersensitivity such as itching, and should ask for medical advice when observing any indicative signs or symptoms. Patients should be advised to stop the drug immediately if they develop any type of rash and contact their physicians as soon as possible.
- Patients should promptly report signs or symptoms of unexplained weight gain, or edema to their physicians.
- Patients should be informed of the warning signs and symptoms of hepatotoxicity (e.g., nausea, fatigue, lethargy, pruritus, jaundice, right upper quadrant tenderness and “flu-like” symptoms). If these occur, patients should be instructed to stop therapy and seek immediate medical therapy.
- Patients should be informed of the signs of an anaphylactoid reaction (e.g. difficulty breathing, swelling of the face or throat). If these occur, patients should be instructed to seek immediate emergency help (see **WARNINGS**).
- In late pregnancy, as with other NSAIDs, Piroxicam should be avoided because it may cause premature closure of the ductus arteriosus.

Laboratory Tests

Because serious GI tract ulcerations and bleeding can occur without warning symptoms, physicians should monitor for signs of symptoms of GI bleeding. Patients on long-term treatment with NSAIDs should have their CBC and a chemistry profile checked periodically. If clinical signs and symptoms consistent with liver or renal disease develop, systemic manifestations occur (e.g., eosinophilia, rash, etc.) or if abnormal liver tests persist or worsen, Piroxicam should be discontinued.

Drug Interactions

Highly Protein Bound Drugs: Piroxicam is highly protein bound and, therefore, might be expected to displace other protein bound drugs. Physicians should closely monitor patients for a change in dosage requirements when administering Piroxicam to patients on other highly protein bound drugs.

Aspirin: When Piroxicam is administered with aspirin, its protein binding is reduced, although the clearance of free Piroxicam is not altered. Plasma levels of piroxicam are depressed to approximately 80% of their normal values when Piroxicam is administered (20 mg/day) in conjunction with aspirin (3900 mg/day). The clinical significance of this interaction is not known; however, as with other NSAIDs, concomitant administration of piroxicam and aspirin is not generally recommended because of the potential for increased adverse effects.

Methotrexate: NSAIDs have been reported to competitively inhibit methotrexate accumulation in rabbit kidney slices. This may indicate that they could enhance the toxicity of methotrexate. Caution should be used when NSAIDs are administered concomitantly with methotrexate.

ACE-Inhibitors: Reports suggest that NSAIDs may diminish the antihypertensive effect of ACE-inhibitors. This interaction should be given consideration in patients taking NSAIDs concomitantly with ACE-inhibitors.

Diuretics: Clinical studies, as well as postmarketing observations, have shown that Piroxicam can reduce the natriuretic effect of furosemide and thiazides in some patients. This response has been attributed to inhibition of renal prostaglandin synthesis. During concomitant therapy with NSAIDs, the patient should be observed closely for signs of renal failure (see **WARNINGS: Renal Effects**), as well as to assure diuretic efficacy.

Lithium: NSAIDs have produced an elevation of plasma lithium levels and a reduction in renal lithium clearance. The mean minimum lithium concentration increased 15% and the renal clearance was decreased by approximately 20%. These effects have been attributed to inhibition of renal prostaglandin synthesis by the NSAID. Thus, when NSAIDs and lithium are administered concurrently, subjects should be observed carefully for signs of lithium toxicity.

Warfarin: The effects of warfarin and NSAIDs on GI bleeding are synergistic, such that users of both drugs together have a risk of serious GI bleeding higher than users of either drug alone.

Carcinogenesis, Mutagenesis, Impairment of Fertility

Subacute, acute and chronic toxicity studies have been carried out in rats, mice, dogs and monkeys. The pathology most often seen was that characteristically associated with the animal toxicology of anti-inflammatory agents: renal papillary necrosis (see **PRECAUTIONS**) and gastrointestinal lesions.

Reproductive studies revealed no impairment of fertility in animals.

Pregnancy

Teratogenic Effects: Pregnancy Category C.

Reproductive studies conducted in rats and rabbits have not demonstrated evidence of developmental abnormalities. However, animal reproduction studies are not always predictive of human response. There are no adequate and well-controlled studies in pregnant women. Piroxicam is not recommended for use in pregnant women since safety has not been established in humans. Piroxicam should be used in pregnancy only if the potential benefit justifies the potential risk to the fetus.

Nonteratogenic Effects:

Because of the known effects of nonsteroidal anti-inflammatory drugs on the fetal cardiovascular system (closure of ductus arteriosus), use during pregnancy (particularly late pregnancy) should be avoided. In animal studies of Piroxicam, gastrointestinal tract toxicity was increased in pregnant females in the last trimester of pregnancy compared to nonpregnant females or females in earlier trimesters of pregnancy.

Labor and Delivery

In rat studies with NSAIDs, as with other drugs known to inhibit prostaglandin synthesis, an increased incidence of dystocia, delayed parturition, and decreased pup survival occurred. The effects of Piroxicam on labor and delivery in pregnant women are unknown.

Nursing Mothers

Piroxicam is excreted into human milk. The presence in breast milk has been determined during initial and long-term conditions (52 days). Piroxicam appeared in breast milk at about 1% to 3% of the maternal concentration. No accumulation of piroxicam occurred in milk relative to that in plasma during treatment. Piroxicam is not recommended for use in nursing mothers.

Pediatric Use

Safety and effectiveness in pediatric patients have not been established.

Geriatric Use

As with any NSAID, caution should be exercised in treating the elderly (65 years and older). Most spontaneous reports of fatal GI events with NSAIDs are in the elderly or debilitated patients and, therefore, care should be taken in treating this population. In addition to a past history of ulcer disease, older age and poor general health status (among other factors) may increase the risk for GI bleeding. To minimize the potential risk of an adverse GI event, the lowest effective dose should be used for the shortest possible duration (see **WARNINGS: Gastrointestinal (GI) Effects – Risk of GI Ulceration, Bleeding and Perforation**).

As with all other NSAIDs, there is a risk of developing renal toxicity in patients in which renal prostaglandins have a compensatory role in maintenance of renal perfusion. Discontinuation of nonsteroidal anti-inflammatory drug therapy is usually followed by recovery to the pretreatment state (see **Warnings: Renal Effects**).

In general, dose selection for an elderly patient should be cautious, usually starting at the low end of the dosing range, reflecting a greater frequency of impaired drug elimination and of concomitant disease or other drug therapy.

ADVERSE REACTIONS

In patients taking Piroxicam or other NSAIDs, the most frequently reported adverse experiences occurring in approximately 1–10% of patients are:

- Cardiovascular System:** Edema.
- Digestive System:** Anorexia, abdominal pain, constipation, diarrhea, dyspepsia, elevated liver enzymes, flatulence, gross bleeding/perforation, heartburn, nausea, ulcers (gastric/duodenal), vomiting.
- Hemic and Lymphatic System:** Anemia, increased bleeding time.
- Nervous System:** Dizziness, headache.
- Skin and Appendages:** Pruritus, rash.
- Special Senses:** Tinnitus.
- Urogenital System:** Abnormal renal function.

Additional adverse experiences reported occasionally include:

- Body As a Whole:** Fever, infection, sepsis.
- Cardiovascular System:** Congestive heart failure, hypertension, tachycardia, syncope.
- Digestive System:** Dry mouth, esophagitis, gastritis, glossitis, hematemesis, hepatitis, jaundice, melena, rectal bleeding, stomatitis.
- Hemic and Lymphatic System:** Ecchymosis, eosinophilia, epistaxis, leukopenia, purpura, petechial rash, thrombocytopenia.
- Metabolic and Nutritional:** Weight changes.
- Nervous System:** Anxiety, asthenia, confusion, depression, dream abnormalities, drowsiness, insomnia, malaise, nervousness, paresthesia, somnolence, tremors, vertigo.
- Respiratory System:** Asthma, dyspnea.
- Skin and Appendages:** Alopecia, bruising, desquamation, erythema, photosensitivity, sweat.
- Special Senses:** Blurred vision.
- Urogenital System:** Cystitis, dysuria, hematuria, hyperkalemia, interstitial nephritis, nephrotic syndrome, oliguria/polyuria, proteinuria, renal failure.

Other adverse reactions which occur rarely are:

- Body As a Whole:** Anaphylactic reactions, appetite changes, death, flu-like syndrome, pain (colic), serum sickness.
- Cardiovascular System:** Arrhythmia, exacerbation of angina, hypotension, myocardial infarction, palpitations, vasculitis.
- Digestive System:** Eructation, liver failure, pancreatitis.
- Hemic and Lymphatic System:** Agranulocytosis, hemolytic anemia, aplastic anemia, lymphadenopathy, pancytopenia.
- Hypersensitivity:** Positive ANA.
- Metabolic and Nutritional:** Hyperglycemia, hypoglycemia.
- Nervous System:** Akathisia, convulsions, coma, hallucinations, meningitis, mood alterations.
- Respiratory:** Respiratory depression, pneumonia.
- Skin and Appendages:** Angioedema, toxic epidermal necrosis, erythema multiforme, exfoliative dermatitis, onycholysis, Stevens-Johnson syndrome, urticaria, vesiculobullous reaction.
- Special Senses:** Conjunctivitis, hearing impairment, swollen eyes.

OVERDOSAGE

Symptoms following acute NSAID overdoses are usually limited to lethargy, drowsiness, nausea, vomiting, and epigastric pain, which are generally reversible with supportive care. Gastrointestinal bleeding can occur. Hypertension, acute renal failure, respiratory depression and coma may occur, but are rare. Anaphylactoid reactions have been reported with therapeutic ingestion of NSAIDs, and may occur following an overdose.

Patients should be managed by symptomatic and supportive care following an NSAID overdose. There are no specific antidotes. Emesis and/or activated charcoal (60–100 g in adults, 1–2 g/kg in children) and/or osmotic cathartic may be indicated. The long plasma half-life of piroxicam should be considered when treating an overdose with piroxicam. Experiments in dogs have demonstrated that the use of multiple-dose treatments with activated charcoal could reduce the half-life of piroxicam by more than 50% and systemic bioavailability by as much as 37% when activated charcoal is given as late as 6 hours after ingestion of piroxicam. Forced diuresis, alkalization of urine, hemodialysis, or hemoperfusion may not be useful due to high protein binding.

DOSAGE AND ADMINISTRATION

Carefully consider the potential benefits and risks of Piroxicam and other treatment options before deciding to use Piroxicam. Use the lowest effective dose for the shortest duration consistent with individual patient treatment goals (see **WARNINGS**).

After observing the response to initial therapy with Piroxicam, the dose and frequency should be adjusted to suit an individual patient’s needs.

For the relief of rheumatoid arthritis and osteoarthritis, the recommended dose is 20 mg given orally once per day. If desired, the daily dose may be divided. Because of the long half-life of Piroxicam, steady-state blood levels are not reached for 7–12 days. Therefore, although the therapeutic effects of Piroxicam are evident early in treatment, there is a progressive increase in response over several weeks and the effect of therapy should not be assessed for two weeks.

HOW SUPPLIED

Piroxicam Capsules for oral administration:

- Bottles of 100’s: 10 mg Capsule, (NDC# 29033-012-01), Swedish Orange Opaque cap is imprinted with “NP” and “10” in black with a Ivory Opaque body
 - 20 mg Capsule, (NDC# 29033-013-01), Swedish Orange Opaque cap is imprinted with “NP” and “20” in black with a Swedish Orange Opaque body
 - Bottles of 500’s: 20 mg Capsule, (NDC# 29033-013-05), Swedish Orange Opaque cap is imprinted with “NP” and “20” in black with a Swedish Orange Opaque body
- Store at 20°-25°C (68°-77°F); excursions permitted to 15°-30°C (59°-86°F) [see USP Controlled Room Temperature]
- Dispense in a tight, light-resistant container as defined in the USP.

Rx Only

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