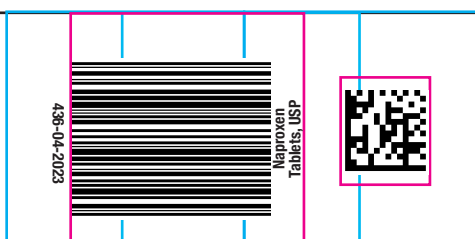


9.125" 17.0" W

625" 625"

6.625"



1.25"H x 1.25"W

Strategies to Minimize the GI Risks in NSAID-treated Patients:

- Use the lowest effective dosage for the shortest possible duration.
Avoid administration of more than one NSAID at a time.
Avoid use in patients at higher risk unless benefits are expected to outweigh the increased risk of bleeding.

5.3 Hypertension: NSAIDs, including naproxen tablets can lead to new onset of hypertension or worsening of pre-existing hypertension, either of which may contribute to the increased incidence of CV events.

5.5 Heart Failure and Edema: The COX-2 and traditional NSAID Trialists' Collaboration meta-analysis of randomized controlled trials demonstrated an approximately two-fold increase in hospitalizations for heart failure in COX-2 selective-treated patients and nonselective NSAID-treated patients compared to placebo-treated patients.

5.6 Renal Toxicity and Hyperkalemia: Renal toxicity associated with anaphylactic reactions in patients with and without known hypersensitivity to naproxen and in patients with aspirin-sensitive asthma.

5.7 Anaphylactic Reactions: Seek emergency help if an anaphylactic reaction occurs.
Premature Closure of Fetal Ductus Arteriosus: Avoid use of NSAIDs, including naproxen tablets in pregnant women at about 30 weeks of gestation and later.

5.8 Exacerbation of Asthma Related to Aspirin Sensitivity: A subgroup of patients with asthma may have aspirin-sensitive asthma which may include chronic rhinosinusitis complicated by nasal polyps; severe, potentially fatal bronchospasm; and/or intolerance to aspirin and other NSAIDs.

5.9 Serious Skin Reactions: NSAIDs, including naproxen, can cause serious skin adverse reactions such as exfoliative dermatitis, Stevens-Johnson Syndrome (SJS), and toxic epidermal necrolysis (TEN).

5.10 Drug Reaction with Eosinophilia and Systemic Symptoms (DRESS): Drug Reaction with Eosinophilia and Systemic Symptoms (DRESS) has been reported in patients taking NSAIDs such as naproxen tablets.

5.11 Fetal Toxicity: Avoid use of NSAIDs, including naproxen tablets in pregnant women at about 30 weeks of gestation and later. NSAIDs, including naproxen tablets increase the risk of premature closure of the fetal ductus arteriosus at approximately this gestational age.

5.12 Hematologic Toxicity: Aseptic meningitis and formulations (e.g., tablets, suspension) of naproxen are not interchangeable. This difference should be taken into consideration when changing strengths or formulations.

5.13 Masking of Inflammation and Fever: NSAIDs have produced elevations in plasma lithium levels and reductions in renal lithium clearance. The mean minimum lithium concentration increased 15%, and the renal clearance decreased by approximately 20%.

5.14 Long-Term Use and Laboratory Monitoring: Because serious GI bleeding, hepatotoxicity, and renal injury can occur without warning symptoms or signs, consider monitoring patients on long-term NSAID treatment with a CBC and a chemistry profile periodically.

6 ADVERSE REACTIONS: 6.1 Clinical Trials Experience, 6.2 Postmarketing Experience, 7 DRUG INTERACTIONS: 7.1 General Dosing Instructions, 7.2 Drug Interactions with NSAIDs, 7.3 Drug Interactions with Aspirin, 7.4 Drug Interactions with Other NSAIDs, 7.5 Drug Interactions with ACE Inhibitors, Angiotensin Receptor Blockers, and Beta-Blockers, 7.6 Drug Interactions with Diuretics, 7.7 Drug Interactions with Digoxin, 7.8 Drug Interactions with Lithium, 7.9 Drug Interactions with Methotrexate, 7.10 Drug Interactions with Cyclosporine, 7.11 Drug Interactions with NSAIDs and Salicylates, 7.12 Drug Interactions with Antacids and Sucralfate.

7 DRUG INTERACTIONS: Table 1 for clinically significant drug interactions with naproxen. Table 1: Clinically Significant Drug Interactions with naproxen

Table 1: Clinically Significant Drug Interactions with naproxen. Columns: Drugs that Interfere with Hemostasis, Aspirin, ACE Inhibitors, Angiotensin Receptor Blockers, and Beta-Blockers, Diuretics, Digoxin, Lithium, Methotrexate, Cyclosporine, NSAIDs and Salicylates, Antacids and Sucralfate.

6.2 Postmarketing Experience: The following adverse reactions have been identified during post approval use of naproxen. Because these reactions are reported voluntarily from a population of uncertain size, it is not always possible to reliably estimate their frequency or establish a causal relationship to drug exposure.

- Cardiovascular: congestive heart failure, vasculitis, hypertension, pulmonary edema
Gastrointestinal: inflammation, bleeding (sometimes fatal, particularly in the elderly), ulceration, perforation and obstruction of the upper or lower gastrointestinal tract.
Neurological: depression, dream abnormalities, insomnia, malaise, myalgia, muscle weakness, aseptic meningitis, cognitive dysfunction, convulsions
Respiratory: eosinophilic pneumonitis, asthma
Dermatologic: alopecia, urticaria, toxic epidermal necrolysis, erythema multiforme, erythema nodosum, fixed drug eruption, lichen planus, pustular reaction, systemic lupus erythematosus, bullous reactions, exacerbation of inflammatory bowel disease (ulcerative colitis, Crohn's disease).

7.2 DRUG INTERACTIONS

See Table 1 for clinically significant drug interactions with naproxen.

Table 1: Clinically Significant Drug Interactions with naproxen

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HIGHLIGHTS OF PRESCRIBING INFORMATION: These highlights do not include all the information needed to use NAPROXEN TABLETS safely and effectively. See full prescribing information for NAPROXEN TABLETS.

NAPROXEN tablets, for oral use Initial U.S. Approval: 1976

WARNING: RISK OF SERIOUS CARDIOVASCULAR AND GASTROINTESTINAL EVENTS. See full prescribing information for complete boxed warning.
Nonsteroidal anti-inflammatory drugs (NSAIDs) cause an increased risk of serious cardiovascular thrombotic events, including myocardial infarction and stroke, which can be fatal.

RECENT MAJOR CHANGES: Warnings and Precautions (5.10, 5.11) 04/2021

INDICATIONS AND USAGE: Naproxen tablets are non-steroidal anti-inflammatory drugs indicated for:

- the relief of the signs and symptoms of:
rheumatoid arthritis
osteoarthritis
ankylosing spondylitis
polyarticular juvenile idiopathic arthritis
tenosynovitis
bursitis
acute gout

DOSEAGE AND ADMINISTRATION: Use the lowest effective dosage for shortest duration consistent with individual patient treatment goals. (2.1)

Rheumatoid Arthritis, Osteoarthritis, and Ankylosing Spondylitis

Table with 3 columns: Naproxen tablets, 250 mg, 375 mg, 500 mg; twice daily, twice daily, twice daily.

The dose may be adjusted up or down depending on the clinical response of the patient. In patients who tolerate lower doses well, the dose may be increased to naproxen 1,500 mg/day for up to 6 months.

Polyarticular Juvenile Idiopathic Arthritis: Naproxen tablets may not allow for the flexible dose titration needed in pediatric patients with polyarticular juvenile idiopathic arthritis.

Acute Gout: Recommended starting dose 750 mg of naproxen tablets followed by 250 mg every 8 hours until the attack has subsided.

DOSEAGE FORMS AND STRENGTHS: Naproxen tablets: 250 mg, 375 mg and 500 mg (3)

- CONTRAINDICATIONS:
Known hypersensitivity to naproxen or any components of the drug product (4)
History of asthma, urticaria, or other allergic-type reactions after taking aspirin or other NSAIDs (4)
In the setting of CABG surgery (4)

FULL PRESCRIBING INFORMATION: CONTENTS*

- 1 INDICATIONS AND USAGE
2 DOSEAGE AND ADMINISTRATION
3 DOSAGE FORMS AND STRENGTHS
4 CONTRAINDICATIONS
5 WARNINGS AND PRECAUTIONS
6 ADVERSE REACTIONS
7 DRUG INTERACTIONS
8 HOW SUPPLIED/STORAGE AND HANDLING
9 PATIENT COUNSELING INFORMATION

FULL PRESCRIBING INFORMATION

WARNING: RISK OF SERIOUS CARDIOVASCULAR AND GASTROINTESTINAL EVENTS

Cardiovascular Thrombotic Events:
Nonsteroidal anti-inflammatory drugs (NSAIDs) cause an increased risk of serious cardiovascular thrombotic events, including myocardial infarction and stroke, which can be fatal. This risk may occur early in treatment and may increase with duration of use.

Gastrointestinal Bleeding, Ulceration, and Perforation:
NSAIDs cause an increased risk of serious gastrointestinal (GI) adverse events including bleeding, ulceration, and perforation of the stomach or intestines, which can be fatal.

1 INDICATIONS AND USAGE

- Naproxen tablets are indicated for:
the relief of the signs and symptoms of:
rheumatoid arthritis
osteoarthritis
ankylosing spondylitis
polyarticular juvenile idiopathic arthritis
tenosynovitis
bursitis
acute gout

2 DOSEAGE AND ADMINISTRATION

2.1 General Dosing Instructions: Carefully consider the potential benefits and risks of naproxen tablets and other treatment options before deciding to use naproxen tablets. Use the lowest effective dose for the shortest duration consistent with individual patient treatment goals.

2.2 Rheumatoid Arthritis, Osteoarthritis and Ankylosing Spondylitis

Table 1: Recommended dosages for Naproxen Tablets. Columns: Naproxen Tablets, 250 mg, 375 mg, 500 mg; twice daily, twice daily, twice daily.

During long-term administration, the dose of naproxen may be adjusted up or down depending on the clinical response of the patient. A lower daily dose may suffice for long-term administration.

2.3 Polyarticular Juvenile Idiopathic Arthritis: Naproxen solid-oral dosage forms may not allow for the flexible dose titration needed in pediatric patients with polyarticular juvenile idiopathic arthritis.

2.4 Management of Pain, Primary Dysmenorrhea, and Acute Tenosynovitis and Bursitis: The recommended starting dose of naproxen tablets is 500 mg followed by 250 mg (one half of a 500 mg naproxen tablet) every 6-8 hours as required.

WARNINGS AND PRECAUTIONS

Hepatotoxicity: Inform patients of warning signs and symptoms of hepatotoxicity. Discontinue if abnormal liver tests persist or worsen or if clinical signs and symptoms of liver disease develop.

Hypertension: Patients taking some antihypertensive medications may have impaired response to these therapies when taking NSAIDs. Monitor blood pressure. (5.4, 7)

Heart Failure and Edema: Avoid use of naproxen tablets in patients with severe heart failure unless benefits are expected to outweigh risk of worsening heart failure. (5.5)

Renal Toxicity: Monitor renal function in patients with renal or hepatic impairment, heart failure, dehydration, or hypovolemia. Avoid use of naproxen tablets in patients with advanced renal disease unless benefits are expected to outweigh risk of worsening renal function. (5.6)

Anaphylactic Reactions: Seek emergency help if an anaphylactic reaction occurs. (5.7)

Exacerbation of Asthma Related to Aspirin Sensitivity: Naproxen tablets are contraindicated in patients with aspirin-sensitive asthma. Monitor patients with preexisting asthma (without aspirin sensitivity). (5.8)

Serious Skin Reactions: Discontinue naproxen tablets at first appearance of skin rash or other signs of hypersensitivity. (5.9)

Drug Reaction with Eosinophilia and Systemic Symptoms (DRESS): Discontinue and evaluate clinically (5.10). Fetal Toxicity: Limit use of NSAIDs, including naproxen tablets, between about 20 to 30 weeks in pregnancy due to the risk of oligohydramnios/fetal dysfunction. Avoid use of NSAIDs in women at about 30 weeks gestation and later in pregnancy due to the risks of oligohydramnios/fetal renal dysfunction and premature closure of the fetal ductus arteriosus. (5.11, 8.1)

Hematologic Toxicity: Monitor hemoglobin or hematocrit in patients with any signs or symptoms of anemia. (5.12, 7)

ADVERSE REACTIONS

Most common adverse reactions to naproxen were dyspepsia, abdominal pain, nausea, headache, rash, ecchymosis, and edema. (6.1)

TO REPORT SUSPECTED ADVERSE REACTIONS, contact SciGen Pharmaceuticals, Inc. at 1-855-724-3438 or FDA at 1-800-FDA-1088 or www.fda.gov/medwatch.

DRUG INTERACTIONS

Drugs that interfere with Hemostasis (e.g., warfarin, aspirin, SSRIs/SNRIs): Monitor patients for bleeding who are concomitantly taking naproxen tablets with drugs that interfere with hemostasis. Concomitant use of naproxen tablets and analgesic doses of aspirin is not generally recommended. (7)

ACE Inhibitors, Angiotensin Receptor Blockers (ARB), or Beta-Blockers: Concomitant use with naproxen tablets may diminish the antihypertensive effect of these drugs. Monitor blood pressure. (7)

ACE Inhibitors and ARBs: Concomitant use with naproxen tablets in elderly, volume depleted, or those with renal impairment may result in deterioration of renal function. In such high risk patients, monitor for signs of worsening renal function. (7)

Diuretics: NSAIDs can reduce natriuretic effect of furosemide and thiazide diuretics. Monitor patients to assure diuretic efficacy including antihypertensive effects. (7)

Digoxin: Concomitant use with naproxen tablets can increase serum concentration and prolong half-life of digoxin. Monitor serum digoxin levels. (7)

USE IN SPECIFIC POPULATIONS

Infertility: NSAIDs are associated with reversible infertility. Consider withdrawal of naproxen tablets in women who have difficulties conceiving. (8.3)

Renal Impairment: Naproxen-containing products are not recommended for use in patients with moderate to severe and severe renal impairment (creatinine clearance <30 mL/min). (8.7)

See 17 for PATIENT COUNSELING INFORMATION and Medication Guide.

Revised: 4/2023

*Sections or subsections omitted from the full prescribing information are not listed.

2.5 Acute Gout

The recommended starting dose is 750 mg of naproxen tablets followed by 250 mg every 8 hours until the attack has subsided.

2.6 Non-Interchangeability with Other Formulations of Naproxen: Naproxen tablets and formulations (e.g., tablets, suspension) of naproxen are not interchangeable. This difference should be taken into consideration when changing strengths or formulations.

3 DOSAGE FORMS AND STRENGTHS

Naproxen Tablets USP, 250 mg are light yellow, round shaped tablets debossed with "SG" along with break-line on one side and "435" on the other side. Naproxen Tablets USP, 375 mg are light yellow, capsule shaped tablets debossed with "SG" on one side and "435" on the other side. Naproxen Tablets USP, 500 mg are light yellow, oblong shaped tablets debossed with "SG" along with break-line on one side and "435" on the other side.

4 CONTRAINDICATIONS

- Naproxen tablets are contraindicated in the following patients:
Known hypersensitivity (e.g., anaphylactic reactions and serious skin reactions) to naproxen or any components of the drug product. [see Warnings and Precautions (5.7, 5.9)]
History of asthma, urticaria, or other allergic-type reactions after taking aspirin or other NSAIDs. (5.8), sometimes fatal, anaphylactic reactions to NSAIDs have been reported in such patients. [see Warnings and Precautions (5.7, 5.8)]
In the setting of coronary artery bypass graft (CABG) surgery. [see Warnings and Precautions (5.11)]

5.1 Cardiovascular Thrombotic Events

Clinical trials of several COX-2 selective and nonselective NSAIDs of up to three years duration have shown an increased risk of serious cardiovascular (CV) thrombotic events, including myocardial infarction (MI) and stroke, which can be fatal. Based on available data, it is unclear that the risk for CV thrombotic events is similar for all NSAIDs. The relative increase in serious CV thrombotic events over baseline occurred by NSAID use appears to be similar to those with and without known CV disease or risk factors for CV disease. However, patients with known CV disease or risk factors had a higher absolute incidence of excess serious CV thrombotic events, due to their increased baseline rate. Some observational studies found that this increased risk of serious CV thrombotic events began as early as the first weeks of treatment. The increase in CV thrombotic risk has been observed most consistently at higher doses.

To minimize the potential risk for an adverse CV event in NSAID-treated patients, use the lowest effective dose for the shortest duration possible. Physicians and patients should remain alert for the development of such events, throughout the entire treatment course, even in the absence of previous CV symptoms. Patients should be informed about the symptoms of serious CV events and the steps to take if they occur.

There is no consistent evidence that concurrent use of aspirin mitigates the increased risk of serious CV thrombotic events associated with NSAID use. The concurrent use of aspirin and an NSAID, such as naproxen, increases the risk of serious gastrointestinal (GI) events. [see Warnings and Precautions (5.2)].

Status Post Coronary Artery Bypass Graft (CABG) Surgery

Two large, controlled clinical trials of a COX-2 selective NSAID for the treatment of pain in the first 10 to 14 days following CABG surgery found an increased incidence of myocardial infarction and stroke. NSAIDs are contraindicated in the setting of CABG. [see Contraindications (4)].

Post-MI Patients: Observational studies conducted in the Danish National Registry have demonstrated that patients treated with NSAIDs in the post-MI period were at increased risk of reinfarction, CV-related death, and all-cause mortality beginning in the first week of treatment. In this same cohort, the incidence of death in the first year post-MI was 20 per 100 person years in NSAID-treated patients compared to 12 per 100 person years in non-NSAID exposed patients. Although the absolute rate of death declined somewhat after the first year post-MI, the increased relative risk of death in NSAID users persisted over at least the next four years of follow-up.

Avoid the use of naproxen tablets in patients with a recent MI unless the benefits are expected to outweigh the risk of recurrent CV thrombotic events. If naproxen tablets are used in patients with a recent MI, monitor patients for signs of cardiac ischemia.

5.2 Gastrointestinal Bleeding, Ulceration, and Perforation

NSAIDs cause an increased risk of serious gastrointestinal (GI) adverse events including inflammation, bleeding, ulceration, and perforation of the esophagus, stomach, small intestine, or large intestine, which can be fatal. These serious adverse events can occur at any time, with or without warning symptoms, in patients treated with NSAIDs.

Patients who develop a serious upper GI adverse event on NSAID therapy is symptomatic. Upper GI ulcers, gross bleeding, or perforation caused by NSAIDs occurred in approximately 1% of patients treated for 3 to 6 months, and in about 2% to 4% of patients treated for one year. However, even short-term NSAID therapy is not without risk.

Avoid the use of naproxen tablets in patients with a history of GI bleeding, ulceration, and perforation. Patients with a prior history of peptic ulcer disease and/or GI bleeding who used NSAIDs had a greater than 10-fold increased risk for developing a GI bleed compared to patients without these risk factors. Other factors that increase the risk of GI bleeding in patients treated with NSAIDs include longer duration of NSAID therapy; concomitant use of oral corticosteroids, aspirin, anticoagulants, or selective serotonin reuptake inhibitors (SSRIs); smoking; use of alcohol; older age; and poor general health status. Most postmarketing reports of fatal GI events occurred in elderly or debilitated patients. Additionally, patients with advanced liver disease and/or coagulopathy are at increased risk of GI bleeding.

2.5 Acute Gout: The recommended starting dose is 750 mg of naproxen tablets followed by 250 mg every 8 hours until the attack has subsided.

2.6 Non-Interchangeability with Other Formulations of Naproxen: Naproxen tablets and formulations (e.g., tablets, suspension) of naproxen are not interchangeable. This difference should be taken into consideration when changing strengths or formulations.

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Avoid the use of naproxen tablets in patients with a recent MI unless the benefits are expected to outweigh the risk of recurrent CV thrombotic events. If naproxen tablets are used in patients with a recent MI, monitor patients for signs of cardiac ischemia.

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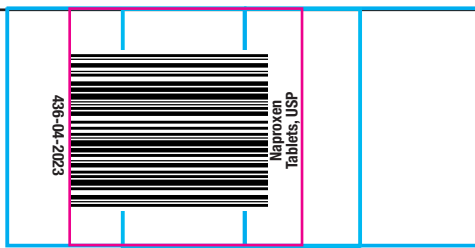
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1.25" H x 1.25" W

Table 1 continued

Table with 2 columns: Other albumin-bound drugs, Clinical Impact, Intervention. Clinical Impact: Naproxen is highly bound to plasma albumin... Intervention: Patients simultaneously receiving naproxen tablets and a hydantoin...

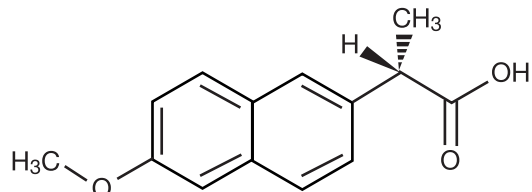
Drug/Laboratory Test Interactions

Table with 2 columns: Bleeding times, Porter-Silber test, Urinary assays of 5-hydroxy indoleacetic acid (5HIAA). Clinical Impact: Naproxen may decrease platelet aggregation... Intervention: This effect should be kept in mind when bleeding times are determined...

8 USE IN SPECIFIC POPULATIONS

8.1 Pregnancy Risk Summary Use of NSAIDs, including naproxen tablets can cause premature closure of the fetal ductus arteriosus and fetal renal dysfunction leading to oligohydramnios and, in some cases, neonatal renal impairment.

For additional information about overdose treatment contact a poison control center (1-800-222-1222). 11 DESCRIPTION Naproxen tablets, USP are nonsteroidal anti-inflammatory drugs and available as follows: Naproxen tablets, USP are available as light yellow round shaped tablets containing 250 mg naproxen...



Naproxen is white or almost white crystalline powder. It is insoluble in water, soluble in chloroform, dehydrated ethanol and methanol. Sparingly soluble in ether. The octanol/water partition coefficient of Naproxen at pH < 2.18 is 3.18.

Each naproxen tablet, USP contains the following inactive ingredients: croscarmellose sodium, yellow iron oxide, povidone and magnesium stearate

12 CLINICAL PHARMACOLOGY

12.1 Pharmacodynamics Naproxen has analgesic, anti-inflammatory, and antipyretic properties. The mechanism of action of naproxen, like that of other NSAIDs, is not completely understood but involves inhibition of cyclooxygenase (COX-1 and COX-2).

12.2 Pharmacodynamics

In a healthy volunteer study, 10 days of concomitant administration of naproxen 220 mg once-daily with low-dose immediate-release aspirin (81 mg) showed an interaction with the antiplatelet activity of aspirin as measured by % serum thromboxane B2 inhibition at 24 hours following the day 10 dose [98.7% (aspirin alone) vs 93.1% (naproxen and aspirin)].

12.3 Pharmacokinetics

Naproxen is rapidly and completely absorbed from the gastrointestinal tract with an in vivo bioavailability of 95%. The elimination half-life of naproxen is unchanged across products ranging from 12 to 17 hours.

Absorption

After administration of naproxen tablets, peak plasma levels are attained in 2 to 4 hours. Distribution Naproxen has a volume of distribution of 0.16 L/kg. At therapeutic levels naproxen is greater than 99% albumin-bound.

Elimination

Naproxen is extensively metabolized in the liver to 6-O-desmethyl naproxen, and both parent and metabolites do not induce metabolizing enzymes. Both naproxen and 6-O-desmethyl naproxen are further metabolized to their respective acylglucuronide conjugated metabolites.

Excretion

The clearance of naproxen is 0.13 mL/min/kg. Approximately 95% of the naproxen from any dose is excreted in the urine, primarily as naproxen (<1%), 6-O-desmethyl naproxen (<1%) and their conjugates (86% to 92%). The plasma half-life of the naproxen anion in humans ranges from 12 to 17 hours.

Pediatric

In pediatric patients aged 5 to 16 years with arthritis, plasma naproxen levels following a 5 mg/kg single dose of naproxen suspension (see Dosage and Administration (2)) were found to be similar to those found in normal adults following a 500 mg dose.

Geriatric

Studies indicate that although total plasma concentration of naproxen is unchanged, the unbound plasma fraction of naproxen is increased in the elderly, although the unbound fraction is <1% of the total naproxen concentration.

Hepatic Impairment

Naproxen pharmacokinetics has not been determined in subjects with hepatic insufficiency. Chronic alcoholic liver disease and probably other diseases with decreased or abnormal plasma proteins (albumin) reduce the total plasma concentration of naproxen, but the plasma concentration of unbound naproxen is increased.

Renal Impairment

Naproxen pharmacokinetics has not been determined in subjects with renal insufficiency. Given that naproxen, its metabolites and conjugates are primarily excreted by the kidney, the potential exists for naproxen metabolites to accumulate in the presence of renal insufficiency.

Drug Interaction Studies

Aspirin: When NSAIDs were administered with aspirin, the protein binding of NSAIDs were reduced, although the clearance of free NSAID was not altered. The clinical significance of this interaction is not known.

13 NONCLINICAL TOXICOLOGY

13.1 Carcinogenesis, Mutagenesis, Impairment of Fertility Carcinogenesis A 2-year study was performed in rats to evaluate the carcinogenic potential of naproxen at oral doses of 8, 16, and 24 mg/kg/day (0.05, 0.1, and 0.16 times the maximum recommended human daily dose [MRHD] of 500 mg/day based on a body surface area comparison).

Mutagenesis

Naproxen tested positive in the in vivo sister chromatid exchange assay for but was not mutagenic in the in vitro bacterial reverse mutation assay (Ames test). Impairment of Fertility Male rats were treated with 2, 5, 10, and 20 mg/kg naproxen by oral gavage for 60 days prior to mating and female rats were treated with the same doses for 14 days prior to mating and for the first 7 days of pregnancy.

14 CLINICAL STUDIES

Naproxen has been studied in patients with rheumatoid arthritis, osteoarthritis, polyarticular juvenile idiopathic arthritis, ankylosing spondylitis, tendonitis and bursitis, and acute gout. Improvement in patients treated for rheumatoid arthritis was demonstrated by a reduction in joint swelling, a reduction in duration of morning stiffness, a reduction in disease activity as assessed by both the investigator and patient, and by increased mobility as demonstrated by a reduction in walking time.

In patients with osteoarthritis, the therapeutic action of naproxen has been shown by a reduction in joint pain or tenderness, an increase in range of motion in knee joints, increased mobility as demonstrated by a reduction in walking time, and improvement in capacity to perform activities of daily living impaired by the disease.

In a clinical trial comparing standard formulations of naproxen 375 mg twice a day (750 mg a day) vs 750 mg twice a day (1,500 mg/day), 9 patients in the 750 mg group terminated prematurely because of adverse events. Nineteen patients in the 1,500 mg group terminated prematurely because of adverse events. Most of these adverse events were gastrointestinal events.

In clinical studies in patients with rheumatoid arthritis, osteoarthritis, and polyarticular juvenile idiopathic arthritis, naproxen has been shown to be comparable to aspirin and indomethacin in controlling the aforementioned measures of disease activity, but the frequency and severity of the milder gastrointestinal adverse effects (nausea, dyspepsia, heartburn) and nervous system adverse effects (tinnitus, dizziness, lightheadedness) were less in naproxen-treated patients than in those treated with aspirin or indomethacin.

In patients with ankylosing spondylitis, naproxen has been shown to decrease night pain, morning stiffness and pain at rest. In double-blind studies the drug was shown to be as effective as aspirin, but with fewer side effects.

In patients with acute gout, a favorable response to naproxen was shown by significant clearing of inflammatory changes (e.g., decrease in swelling, heat) within 24 to 48 hours, as well as by relief of pain and tenderness. Naproxen has been studied in patients with mild to moderate pain secondary to postoperative, orthopedic, postpartum episiotomy and uterine contraction pain and dysmenorrhea.

Onset of pain relief can begin within 1 hour in patients taking naproxen. Analgesic effect was shown by such measures as reduction of pain intensity scores, increase in pain relief scores, decrease in numbers of patients requiring additional analgesic medication, and delay in time to re-medication.

The analgesic effect has been found to last for up to 12 hours. Naproxen may be used safely in combination with gold salts and/or corticosteroids; however, in controlled clinical trials, when added to the regimen of patients receiving corticosteroids, it did not appear to cause greater improvement over that seen with corticosteroids alone.

Whether naproxen has a "steroid-sparing" effect has not been adequately studied. When added to the regimen of patients receiving gold salts, naproxen did result in greater improvement. Its use in combination with salicylates is not recommended because there is evidence that aspirin increases the rate of excretion of naproxen and data are inadequate to demonstrate that naproxen and aspirin produce greater improvement over that achieved with aspirin alone.

In addition, as with other NSAIDs, the combination may result in higher frequency of adverse events than demonstrated for either product alone. In a study of naproxen and gastroscopy studies with normal volunteers, daily administration of 1,000 mg of naproxen has been demonstrated to cause statistically significantly less gastric bleeding and erosion than 3,250 mg of aspirin.

16 HOW SUPPLIED/STORAGE AND HANDLING Naproxen Tablets USP, 250 mg are light yellow, round shaped tablets debossed with "S & G" on either side of functional score on one side and "436" on the other side. Bottles of 100 NDC 77771-434-01 Bottles of 500 NDC 77771-434-05

Naproxen Tablets USP, 375 mg are light yellow, capsule shaped tablets debossed with "SG" on one side and "435" on the other side. Bottles of 100 NDC 77771-435-01 Bottles of 500 NDC 77771-435-05

Naproxen Tablets USP, 500 mg are light yellow, oblong shaped tablets debossed with "S & G" on either side of functional score on one side and "436" on the other side. Bottles of 100 NDC 77771-436-01 Bottles of 500 NDC 77771-436-05

17 PATIENT COUNSELING INFORMATION

Advise the patient to read the FDA-approved patient labeling (Medication Guide) that accompanies each prescription dispensed. Inform patients, families, or their caregivers of the following information before initiating therapy with naproxen tablets and periodically during the course of ongoing therapy.

Cardiovascular Thrombotic Events

Advise patients to be alert for the symptoms of cardiovascular thrombotic events, including chest pain, shortness of breath, weakness, or slurring of speech, and to report any of these symptoms to their health care provider immediately [see Warnings and Precautions (5.1)].

Gastrointestinal Bleeding, Ulceration, and Perforation Advise patients to report symptoms of ulcerations and bleeding, including epigastric pain, dyspepsia, melena, and hematemesis to their health care provider. In the setting of concomitant use of low-dose aspirin for cardiac prophylaxis, inform patients of the increased risk for and the signs and symptoms of GI bleeding [see Warnings and Precautions (5.2)].

Hepatotoxicity

Inform patients of the warning signs and symptoms of hepatotoxicity (e.g., nausea, fatigue, lethargy, pruritus, diarrhea, jaundice, right upper quadrant tenderness, and "flu-like" symptoms). If these occur, instruct patients to stop naproxen tablets and seek immediate medical therapy [see Warnings and Precautions (5.3)].

Heart Failure and Edema

Advise patients to be alert for the symptoms of congestive heart failure including shortness of breath, unexplained weight gain, or edema and to contact their healthcare provider if such symptoms occur [see Warnings and Precautions (5.5)].

Anaphylactic Reactions

Inform patients of the signs of an anaphylactic reaction (e.g., difficulty breathing, swelling of the face or throat). Instruct patients to seek immediate emergency help if these occur [see Contraindications (4) and Warnings and Precautions (5.7)].

Serious Skin Reactions, including DRESS

Advise patients to stop taking naproxen tablets immediately if they develop any type of rash or fever and to contact their healthcare provider as soon as possible [see Warnings and Precautions (5.9, 5.10)].

Female Fertility

Advise females of reproductive potential who desire pregnancy that NSAIDs, including naproxen tablets, may be associated with a reversible delay in ovulation [see Use in Specific Populations (8.3)].

Fetal Toxicity

Inform pregnant women to avoid use of naproxen tablets and other NSAIDs starting at 30 weeks gestation because of the risk of the premature closure of the fetal ductus arteriosus. If treatment with naproxen tablets is needed for a pregnant woman between about 20 to 30 weeks gestation, advise her that she may need to be monitored for oligohydramnios, if treatment continues for longer than 48 hours [see Warnings and Precautions (5.1) and Use in Specific Populations (8.1)].

Avoid Concomitant Use of NSAIDs

Inform patients that the concomitant use of naproxen tablets with other NSAIDs or salicylates (e.g., diflunisal, salsalate) is not recommended due to the increased risk of gastrointestinal toxicity, and little or no increase in efficacy [see Warnings and Precautions (5.2) and Drug Interactions (7)].

Use of NSAIDs and Low-Dose Aspirin

Inform patients not to use low-dose aspirin concomitantly with naproxen tablets until they talk to their healthcare provider [see Drug Interactions (7)].

Manufactured by:

SciGen Pharmaceuticals Inc Hauppauge, NY 11788 USA

Distributed by:

Radha Pharmaceuticals, Inc. Hauppauge, NY 11788 USA

Rev. 4/2023

Medication Guide for Nonsteroidal Anti-inflammatory Drugs (NSAIDs)

What is the most important information I should know about medicines called Nonsteroidal Anti-inflammatory Drugs (NSAIDs)? NSAIDs can cause serious side effects, including:

- Increased risk of a heart attack or stroke that can lead to death. This risk may happen early in treatment and may increase:
o with increasing doses of NSAIDs
o with longer use of NSAIDs

Do not take NSAIDs right before or after a heart surgery called a "coronary artery bypass graft (CABG)."

Avoid taking NSAIDs after a recent heart attack, unless your healthcare provider tells you to. You may have an increased risk of another heart attack if you take NSAIDs after a recent heart attack.

Increased risk of bleeding, ulcers, and tears (perforation) of the esophagus (tube leading from the mouth to the stomach), stomach and intestines:

- o anytime during use
o without warning symptoms
o that may cause death

The risk of getting an ulcer or bleeding increases with:
o past history of stomach ulcers, or stomach or intestinal bleeding with use of NSAIDs
o taking medicines called "corticosteroids", "anticoagulants", "SSRIs", or "SNRIs"

- o increasing doses of NSAIDs
o older age
o longer use of NSAIDs
o poor health
o smoking
o advanced liver disease
o drinking alcohol
o bleeding problems

NSAIDs should only be used:
o exactly as prescribed
o at the lowest dose possible for your treatment
o for the shortest time needed

What are NSAIDs? NSAIDs are used to treat pain and redness, swelling, and heat (inflammation) from medical conditions such as different types of arthritis, menstrual cramps, and other types of short-term pain.

What should not take NSAIDs? Do not take NSAIDs:
• if you have had an asthma attack, hives, or other allergic reaction with aspirin or any other NSAIDs.
• right before or after heart bypass surgery.

Before taking NSAIDs, tell your healthcare provider about all of your medical conditions, including if you:
• have liver or kidney problems
• have high blood pressure
• have asthma

are pregnant or plan to become pregnant. Taking NSAIDs at about 20 weeks of pregnancy or later may harm your unborn baby. If you need to take NSAIDs for more than 2 days when you are between 20 and 30 weeks of pregnancy, your healthcare provider may need to monitor the amount of fluid in your womb around your baby. You should not take NSAIDs after about 30 weeks of pregnancy.

are breastfeeding or plan to breast feed. Tell your healthcare provider about all of the medicines you take, including prescription or over-the-counter medicines, vitamins or herbal supplements. NSAIDs and some other medicines can interact with each other and cause serious side effects. Do not start taking any new medicine without talking to your healthcare provider first.

What are the possible side effects of NSAIDs? NSAIDs can cause serious side effects, including: See "What is the most important information I should know about medicines called Nonsteroidal Anti-inflammatory Drugs (NSAIDs)?"

- new or worse high blood pressure
• heart failure
• liver problems including liver failure
• kidney problems including kidney failure
• low red blood cells (anemia)
• life-threatening skin reactions
• life-threatening allergic reactions

Other side effects of NSAIDs include: stomach pain, constipation, diarrhea, gas, heartburn, nausea, vomiting, and dizziness. Get emergency help right away if you get any of the following symptoms:

- shortness of breath or trouble breathing
• slurred speech
• chest pain
• swelling of the face or throat
• weakness in one part or side of your body
• Stop taking your NSAID and call your healthcare provider right away if you get any of the following symptoms:

- nausea
• vomit blood
• there is blood in your bowel movement or it is black and sticky like tar
• unusual weight gain
• skin rash or blisters with fever
• swelling of the arms, legs, hands and feet

Other information about NSAIDs
• Aspirin is an NSAID 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 NSAIDs 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.

General information about the safe and effective use of NSAIDs Medicines are sometimes prescribed for purposes other than those listed in a Medication Guide. Do not use NSAIDs for a condition for which it was not prescribed. Do not give NSAIDs to other people, even if they have the same symptoms that you have. It may harm them.

If you would like more information about NSAIDs, talk with your healthcare provider. You can ask your pharmacist or healthcare provider for information about NSAIDs that is written for health professionals.

Manufactured by: SciGen Pharmaceuticals Inc Hauppauge, NY 11788 USA

Distributed by: Radha Pharmaceuticals, Inc. Hauppauge, NY 11788 USA

For more information, call 1-855-724-3436

This Medication Guide has been approved by the U.S. Food and Drug Administration.

Revised: 4/2023

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