DESCRIPTION

Isosorbide Mononitrate (ISMN), an organic nitrate and the major biologically active metabolite of isosorbide dinitrate (ISDN), is a vasodilator with effects on both arteries and veins.

Each Isosorbide mononitrate extended-release tablet, USP, for oral administration contains either 30 mg or 60 mg of ISMN.

ISMN 30 mg tablets, USP contains the following inactive ingredients: colloidal silicon dioxide, compressible sugar, hydroxypropyl methylcellulose, lactose monohydrate, magnesium stearate.

ISMN 60 mg tablets, USP contains the following inactive ingredients: colloidal silicon dioxide, compressible sugar, hydroxypropyl methylcellulose, yellow iron oxide, lactose monohydrate, magnesium stearate.

The molecular formula of ISMN is C$_6$H$_9$NO$_6$ and the molecular weight is 191.14. The chemical name for ISMN is 1,4:3,6-dianhydro-D-glucitol 5-nitrate; the compound has the following structural formula:

![Structural formula of ISMN](image)

ISMN is a white, crystalline, odorless compound which is stable in air and in solution, has a melting point of about 90°C, and an optical rotation of +144° (2% in water, 20°C). ISMN is freely soluble in water, ethanol, methanol, chloroform, ethyl acetate and dichloromethane.

CLINICAL PHARMACOLOGY

Mechanism of Action

This product is an oral extended-release formulation of ISMN, the major active metabolite of isosorbide dinitrate; most of the clinical activity of the dinitrate is attributable to the mononitrate.

The principal pharmacological action of ISMN and all organic nitrates in general is relaxation of vascular smooth muscle, producing dilatation of peripheral arteries and veins, especially the latter. Dilatation of the veins promotes peripheral pooling of blood, decreases venous return to the heart, thereby reducing left ventricular end-diastolic pressure and pulmonary capillary wedge pressure (preload). Arteriolar relaxation reduces systemic vascular resistance, and systolic arterial pressure and mean arterial pressure (afterload). Dilatation of the coronary arteries also occurs. The relative importance of preload reduction, afterload reduction and coronary dilatation remains undefined.

Pharmacodynamics

Dosing regimens for most chronically used drugs are designed to provide plasma concentrations that are continuously greater than a minimally effective concentration. This strategy is inappropriate for organic nitrates. Several well-controlled clinical trials have used exercise testing to assess the
antianginal efficacy of continuously delivered nitrates. In the large majority of these trials, active agents were indistinguishable from placebo after 24 hours (or less) of continuous therapy. Attempts to overcome tolerance by dose escalation, even to doses far in excess of those used acutely, have consistently failed. Only after nitrates have been absent from the body for several hours has their antianginal efficacy been restored.

Isosorbide mononitrate extended-release tablets during long-term use over 42 days dosed at 120 mg once daily continued to improve exercise performance at 4 hours and at 12 hours after dosing but their effects (although better than placebo) are less than or at best equal to the effects of the first dose of 60 mg.

Pharmacokinetics and Metabolism:

After oral administration of ISMN as a solution or immediate-release tablets, maximum plasma concentrations of ISMN are achieved in 30 to 60 minutes, with an absolute bioavailability of approximately 100%. After intravenous administration, ISMN is distributed into total body water in about 9 minutes with a volume of distribution of approximately 0.6 to 0.7 L/kg. ISMN is approximately 5% bound to human plasma proteins and is distributed into blood cells and saliva. ISMN is primarily metabolized by the liver, but unlike oral isosorbide dinitrate, it is not subject to first-pass metabolism. ISMN is cleared by denitrification to isosorbide and glucuronidation as the mononitrate, with 96% of the administered dose excreted in the urine within 5 days and only about 1% eliminated in the feces. At least six different compounds have been detected in urine, with about 2% of the dose excreted as the unchanged drug and at least five metabolites. The metabolites are not pharmacologically active. Renal clearance accounts for only about 4% of total body clearance. The mean plasma elimination half-life of ISMN is approximately 5 hours.

The disposition of ISMN in patients with various degrees of renal insufficiency, liver cirrhosis, or cardiac dysfunction was evaluated and found to be similar to that observed in healthy subjects. The elimination half-life of ISMN was not prolonged, and there was no drug accumulation in patients with chronic renal failure after multiple oral dosing.

The pharmacokinetics and/or bioavailability of Isosorbide mononitrate extended-release tablets have been studied in both normal volunteers and patients following single-and multiple-dose administration. Data from these studies suggest that the pharmacokinetics of ISMN administered as Isosorbide mononitrate extended-release tablets are similar between normal healthy volunteers and patients with angina pectoris. In single and multiple-dose studies, the pharmacokinetics of ISMN were dose proportional between 30 mg and 240 mg.

In a multiple-dose study, the effect of age on the pharmacokinetic profile of Isosorbide mononitrate extended-release 60 mg and 120 mg (2 x 60 mg) tablets was evaluated in subjects ≥ 45 years. The results of that study indicate that there are no significant differences in any of the pharmacokinetic variables of ISMN between elderly (≥65 years) and younger individuals (45 to 64 years) for the ISMN extended-release 60 mg dose. The administration of Isosorbide mononitrate extended-release tablets 120 mg (2 x 60 mg) tablets every 24 hours for 7 days produced a dose-proportional increase in Cmax and AUC, without changes in Tmax or the terminal half-life. The older group (65 to 74 years) showed 30% lower apparent oral clearance (CI/F) following the higher dose, i.e., 120 mg, compared to the younger group (45 to 64 years); CI/F was not different between the two groups following the 60 mg regimen. While CI/F was independent of dose in the younger group, the older group showed slightly lower CI/F following the 120 mg regimen compared to the 60 mg regimen. Differences between the two age groups, however, were not statistically significant. In the same study, females showed a slight (15%) reduction in clearance when the dose was increased. Females showed higher AUCs and Cmax compared to males, but these differences were accounted for by differences in body weight between the two groups. When the data were analyzed using age as a variable, the results indicated that there were no significant differences in any of the pharmacokinetic variables of ISMN between older (≥65 years) and younger individuals (45 to 64 years). The results of this study, however, should be viewed with caution due to the small numbers of subjects in each age subgroup and consequently the lack of
The following table summarizes key pharmacokinetic parameters of Isosorbide Mononitrate (ISMN) after single- and multiple-dose administration of ISMN as an oral solution or Isosorbide mononitrate extended-release tablets:

<table>
<thead>
<tr>
<th>PARAMETER</th>
<th>SINGLE-DOSE STUDIES</th>
<th>MULTIPLE-DOSE STUDIES</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>ISMN 60 mg</td>
<td>ISMN extended-release tablets 60 mg</td>
</tr>
<tr>
<td>Cmax (ng/mL)</td>
<td>1242 to 1534</td>
<td>424 to 541</td>
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<tr>
<td>Tmax (hr)</td>
<td>0.6 to 0.7</td>
<td>3.1 to 4.5</td>
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<tr>
<td>AUC (ng•hr/mL)</td>
<td>8189 to 8313</td>
<td>5990 to 7452</td>
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<tr>
<td>t 1/2 (hr)</td>
<td>4.8 to 5.1</td>
<td>6.3 to 6.6</td>
</tr>
<tr>
<td>CI/F (mL/min)</td>
<td>120 to 122</td>
<td>151 to 187</td>
</tr>
</tbody>
</table>

**Food Effects:** The influence of food on the bioavailability of ISMN after single-dose administration of Isosorbide mononitrate extended-release tablets 60 mg was evaluated in three different studies involving either a "light" breakfast or a high-calorie, high-fat breakfast. Results of these studies indicate that concomitant food intake may decrease the rate (increase in Tmax) but not the extent (AUC) of absorption of ISMN.

**CLINICAL TRIALS**

Controlled trials with Isosorbide mononitrate extended-release tablets have demonstrated antianginal activity following acute and chronic dosing. Administration of Isosorbide mononitrate extended-release tablets once daily, taken early in the morning on arising, provided at least 12 hours of antianginal activity.

In a placebo-control parallel study, 30 mg, 60 mg, 120 mg, and 240 mg of Isosorbide mononitrate extended-release tablets were administered once daily for up to 6 weeks. Prior to randomization, all patients completed a 1-to 3-week single-blind placebo phase to demonstrate nitrate responsiveness and total exercise treadmill time reproducibility. Exercise tolerance tests using the Bruce Protocol were conducted prior to and at 4 and 12 hours after the morning dose on days 1, 7, 14, 28 and 42 of the double-blind period. Isosorbide mononitrate extended-release tablets 30 mg and 60 mg (only doses evaluated acutely) demonstrated a significant increase from baseline in total treadmill time relative to placebo at 4 and 12 hours after the administration of the first dose. At day 42, the 120 mg and 240 mg dose of Isosorbide mononitrate extended-release tablets demonstrated a significant increase in total treadmill time at 4 and 12 hours post dosing, but by day 42 the 30 mg and 60 mg doses no longer were differentiable from placebo. Throughout chronic dosing rebound was not observed in any Isosorbide mononitrate extended-release tablets treatment group.

Pooled data from two other trials, comparing Isosorbide mononitrate extended-release tablets 60 mg once daily, isosorbide dinitrate 30 mg QID, and placebo QID in patients with chronic stable angina using a randomized, double-blind, three-way crossover design found statistically significant increases in exercise tolerance times for Isosorbide mononitrate extended-release tablets compared to placebo at hours 4, 8 and 12 and to isosorbide dinitrate at hour 4. The increases in exercise tolerance on day 14, although statistically significant compared to placebo, were about half of that seen on day 1 of the trial.

**INDICATIONS AND USAGE**
Isosorbide mononitrate extended-release tablets, USP are indicated for the prevention of angina pectoris due to coronary artery disease. The onset of action of oral ISMN is not sufficiently rapid for this product to be useful in aborting an acute anginal episode.

**CONTRAINDICATIONS**

Isosorbide mononitrate extended-release tablets are contraindicated in patients who have shown hypersensitivity or idiosyncratic reactions to other nitrates or nitrites.

**WARNINGS**

Amplification of the vasodilatory effects of Isosorbide mononitrate extended-release tablets by sildenafil can result in severe hypotension. The time course and dose dependence of this interaction have not been studied. Appropriate supportive care has not been studied, but it seems reasonable to treat this as a nitrate overdose, with elevation of the extremities and with central volume expansion.

The benefits of ISMN in patients with acute myocardial infarction or congestive heart failure have not been established; because the effects of ISMN are difficult to terminate rapidly, this drug is not recommended in these settings. If ISMN is used in these conditions, careful clinical or hemodynamic monitoring must be used to avoid the hazards of hypotension and tachycardia.

**PRECAUTIONS**

*General*

Severe hypotension, particularly with upright posture, may occur with even small doses of ISMN. This drug should therefore be used with caution in patients who may be volume depleted or who, for whatever reason, are already hypotensive. Hypotension induced by ISMN may be accompanied by paradoxical bradycardia and increased angina pectoris.

Nitrate therapy may aggravate the angina caused by hypertrophic cardiomyopathy

In industrial workers who have had long term exposure to unknown (presumably high) doses of organic nitrates, tolerance clearly occurs. Chest pain, acute myocardial infarction, and even sudden death have occurred during temporary withdrawal of nitrates from these workers, demonstrating the existence of true physical dependence. The importance of these observations to the routine, clinical use of oral ISMN is not known.

*Information for Patients*

Patients should be told that the antianginal efficacy of Isosorbide mononitrate extended-release tablets can be maintained by carefully following the prescribed schedule of dosing. For most patients, this can be accomplished by taking the dose on arising.

As with other nitrates, daily headaches sometimes accompany treatment with ISMN. In patients who get these headaches, the headaches are a marker of the activity of the drug. Patients should resist the temptation to avoid headaches by altering the schedule of their treatment with ISMN, since loss of headache may be associated with simultaneous loss of antianginal efficacy. Aspirin or acetaminophen often successfully relieves ISMN induced headaches with no deleterious effect on ISMN’s antianginal efficacy. Treatment with ISMN may be associated with light-headedness on standing, especially just after rising from a recumbent or seated position. This effect may be more frequent in patients who have also consumed alcohol.

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Drug Interactions

The vasodilating effects of ISMN may be additive with those of other vasodilators. Alcohol, in particular, has been found to exhibit additive effects of this variety. Marked symptomatic orthostatic hypotension has been reported when calcium channel blockers and organic nitrates were used in combination.

Dose adjustments of either class of agents may be necessary.

Drug / Laboratory Test Interactions

Nitrates and nitrites may interfere with the Zlatkis-Zak color reaction, causing falsely low readings in serum cholesterol determinations.

Carcinogenesis, Mutagenesis, Impairment of Fertility

No evidence of carcinogenicity was observed in rats exposed to Isosorbide Mononitrate (ISMN) in their diets at doses of up to 900 mg/kg/day for the first 6 months and 500 mg/kg/day for the remaining duration of a study in which males were dosed for up to 121 weeks and females were dosed for up to 137 weeks. No evidence of carcinogenicity was observed in mice exposed to isosorbide mononitrate in their diets for up to 104 weeks at doses of up to 900 mg/kg/day.

ISMN did not produce gene mutations (Ames test, mouse lymphoma test) or chromosome aberrations (human lymphocyte and mouse micronucleus tests) at biologically relevant concentrations. No effects on fertility were observed in a study in which male and female rats were administered doses of up to 750 mg/kg/day beginning, in males, 9 weeks prior to mating, and in females, 2 weeks prior to mating.

Pregnancy

Teratogenic Effects

Pregnancy Category B

In studies designed to detect effects of ISMN on embryo-fetal development, doses of up to 240 or 248 mg/kg/day, administered to pregnant rats and rabbits, were unassociated with evidence of such effects. These animal doses are about 100 times the maximum recommended human dose (120 mg in a 50 kg woman) when comparison is based on body weight; when comparison is based on body surface area, the rat dose is about 17 times the human dose and the rabbit dose is about 38 times the human dose. There are, however, no adequate and well-controlled studies in pregnant women. Because animal reproduction studies are not always predictive of human response, Isosorbide mononitrate extended-release tablets should be used during pregnancy only if clearly needed.

Nonteratogenic Effects

Neonatal survival and development and incidence of stillbirths were adversely affected when pregnant rats were administered oral doses of 750 (but not 300) mg ISMN/kg/day during late gestation and lactation. This dose (about 312 times the human dose when comparison is based on body weight and 54 times the human dose when comparison is based on body surface area) was associated with decreases in maternal weight gain and motor activity and evidence of impaired lactation.

Nursing Mothers

It is not known whether this drug is excreted in human milk. Because many drugs are excreted in human milk, caution should be exercised when ISMN is administered to a nursing mother.

Pediatric Use
The safety and effectiveness of ISMN in pediatric patients have not been established.

**Geriatric Use**

Clinical studies of Isosorbide Mononitrate Extended-release Tablets did not include sufficient information on patients age 65 and over to determine whether they respond differently from younger patients. Other reported clinical experience for Isosorbide Mononitrate Extended-release Tablets has not identified differences in response between elderly and younger patients. Clinical experience for organic nitrates reported in the literature identified a potential for severe hypotension and increased sensitivity to nitrates in the elderly. In general, dose selection for an elderly patient should be cautious, usually starting at the low end of the dosing range, reflecting the greater frequency of decreased hepatic, renal, or cardiac function, and of concomitant disease or other drug therapy.

Elderly patients may have reduced baroreceptor function and may develop severe orthostatic hypotension when vasodilators are used. Isosorbide Mononitrate Extended-release Tablets should therefore be used with caution in elderly patients who may be volume depleted, on multiple medications or who, for whatever reason, are already hypotensive. Hypotension induced by isosorbide mononitrate may be accompanied by paradoxical bradycardia and increased angina pectoris.

Elderly patients may be more susceptible to hypotension and may be at greater risk of falling at therapeutic doses of nitroglycerin.

Nitrate therapy may aggravate the angina caused by hypertrophic cardiomyopathy, particularly in the elderly.

**ADVERSE REACTIONS**

The table below shows the frequencies of the adverse events that occurred in >5% of the subjects in three placebo-controlled North American studies, in which patients in the active treatment arm received 30 mg, 60 mg, 120 mg or 240 mg of ISMN as Isosorbide mononitrate extended-release tablets once daily. In parentheses, the same table shows the frequencies with which these adverse events were associated with the discontinuation of treatment. Overall, 8% of the patients who received 30 mg, 60 mg, 120 mg or 240 mg of ISMN in the three placebo-controlled North American studies discontinued treatment because of adverse events. Most of these discontinued because of headache. Dizziness was rarely associated with withdrawal from these studies. Since headache appears to be a dose-related adverse effect and tends to disappear with continued treatment, it is recommended that Isosorbide mononitrate extended-release tablets treatment be initiated at low doses for several days before being increased to desired levels.

<table>
<thead>
<tr>
<th>Frequency and Adverse Events (Discontinued)*</th>
<th>Dose</th>
<th>Placebo</th>
<th>30 mg</th>
<th>60 mg</th>
<th>120 mg**</th>
<th>240 mg**</th>
</tr>
</thead>
<tbody>
<tr>
<td>Patients</td>
<td>96</td>
<td>60</td>
<td>102</td>
<td>65</td>
<td>65</td>
<td></td>
</tr>
<tr>
<td>Headache</td>
<td>15%(0%)</td>
<td>38%(5%)</td>
<td>51%(8%)</td>
<td>42%(5%)</td>
<td>57%(8%)</td>
<td></td>
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<tr>
<td>Dizziness</td>
<td>4%(0%)</td>
<td>8%(0%)</td>
<td>11%(1%)</td>
<td>9%(2%)</td>
<td>9%(2%)</td>
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</table>

*Some individuals discontinued for multiple reasons

** Patients were started on 60 mg and titrated to their final dose

In addition, the three North American trials were pooled with 11 controlled trials conducted in Europe. Among the 14 controlled trials, a total of 711 patients were randomized to Isosorbide mononitrate extended-release tablets. When the pooled data were reviewed, headache and dizziness were the only adverse events that were reported by >5% of patients. Other adverse events, each reported by ≤5% of exposed patients, and in many cases of uncertain relation to drug treatment, were:
Autonomic Nervous System Disorders: Dry mouth, hot flushes

Body as a Whole: Asthenia, back pain, chest pain, edema, fatigue, fever, flu-like symptoms, malaise, rigors.

Cardiovascular Disorders, General: Cardiac failure, hypertension, hypotension.

Central and Peripheral Nervous System Disorders: Dizziness, headache, hypoesthesia, migraine, neuritis, paresis, paresthesia, ptosis, tremor, vertigo.

Gastrointestinal System Disorders: Abdominal pain, constipation, diarrhea, dyspepsia, flatulence, gastric ulcer, gastritis, glossitis, hemorrhagic gastric ulcer, hemorrhoids, loose stools, melena, nausea, vomiting.

Hearing and Vestibular Disorders: Earache, tinnitus, tympanic membrane perforation.

Heart Rate and Rhythm Disorders: Arrhythmia, arrhythmia atrial, atrial fibrillation, bradycardia, bundle branch block, extrasystole, palpitation, tachycardia, ventricular tachycardia.

Liver and Biliary System Disorders: SGOT increase, SGPT increase.

Metabolic and Nutritional Disorders: Hyperuricemia, hypokalemia.

Musculoskeletal System Disorders: Arthralgia, frozen shoulder, muscle weakness, musculoskeletal pain, myalgia, myositis, tendon disorder, torticollis.

Myo-, Endo-, Pericardial and Valve Disorders: Angina pectoris aggravated, heart murmur, heart sound abnormal, myocardial infarction, Q-Wave abnormality.

Platelet, Bleeding and Clotting Disorders: Purpura, thrombocytopenia.

Psychiatric Disorders: Anxiety, concentration impaired, confusion, decreased libido, depression, impotence, insomnia, nervousness, paroniria, somnolence

Red Blood Cell Disorder: Hypochromic anemia.

Reproductive Disorders, Female: Atrophic vaginitis, breast pain.

Resistance Mechanism Disorders: Bacterial infection, moniliasis, viral infection.

Respiratory System Disorders: Bronchitis, bronchospasm, coughing, dyspnea, increased sputum, nasal congestion, pharyngitis, pneumonia, pulmonary infiltration, rales, rhinitis, sinusitis.

Skin and Appendages Disorders: Acne, hair texture abnormal, increased sweating, pruritus, rash, skin nodule.

Urinary System Disorders: Polyuria, renal calculus, urinary tract infection.

Vascular (Extracardiac) Disorders: Flushing, intermittent claudication, leg ulcer, varicose vein.

Vision Disorders: Conjunctivitis, photophobia, vision abnormal.

In addition, the following spontaneous adverse event has been reported during the marketing of Isosorbide Mononitrate (ISMN): syncope.

OVERDOSAGE

Hemodynamic Effects

The ill effects of ISMN overdose are generally the results of ISMN’s capacity to induce vasodilatation, venous pooling, reduced cardiac output, and hypotension. These hemodynamic changes may have protean manifestations, including increased intracranial pressure, with any or all of persistent throbbing headache, confusion and moderate fever; vertigo; palpitations; visual disturbances; nausea and vomiting (possibly with colic and even bloody diarrhea); syncope (especially in the upright posture); air hunger and dyspnea, later followed by reduced ventilatory effort; diaphoresis, with the skin either
flushed or cold and clammy; heart block and bradycardia; paralysis; coma; seizures and death. Laboratory determinations of serum levels of ISMN and its metabolites are not widely available, and such determinations have, in any event, no established role in the management of ISMN overdose.

There are no data suggesting what dose of ISMN is likely to be life threatening in humans. In rats and mice, there is significant lethality at doses of 2000 mg/kg and 3000 mg/kg, respectively. No data are available to suggest physiological maneuvers (e.g. maneuvers to change the pH of the urine) that might accelerate elimination of ISMN. In particular, dialysis is known to be ineffective in removing ISMN from the body. No specific antagonist to the vasodilator effects of ISMN is known, and no intervention has been subject to controlled study as a therapy of ISMN overdose. Because the hypotension associated with ISMN overdose is the result of venodilatation and arterial hypovolemia, prudent therapy in this situation should be directed toward an increase in central fluid volume. Passive elevation of the patient’s legs may be sufficient, but intravenous infusion of normal saline or similar fluid may also be necessary.

The use of epinephrine or other arterial vasoconstrictors in this setting is likely to do more harm than good. In patients with renal disease or congestive heart failure, therapy resulting in central volume expansion is not without hazard. Treatment of ISMN overdose in these patients may be subtle and difficult, and invasive monitoring may be required.

**Methemoglobinemia**

Methemoglobinemia has been reported in patients receiving other organic nitrates, and it probably could also occur as a side effect of ISMN. Certainly nitrate ions liberated during metabolism of ISMN can oxidize hemoglobin into methemoglobin. Even in patients totally without cytochrome b5 reductase activity, however, and even assuming that the nitrate moiety of ISMN is quantitatively applied to oxidation of hemoglobin, about 2 mg/kg of ISMN should be required before any of these patients manifest clinically significant (≥10%) methemoglobinemia. In patients with normal reductase function, significant production of methemoglobin should require even larger doses of ISMN. In one study in which 36 patients received 2 to 4 weeks of continuous nitroglycerin therapy at 3.1 to 4.4 mg/hr (equivalent, in total administered dose of nitrate ions, to 7.8 - 11.1 mg of ISMN per hour), the average methemoglobin level measured was 0.2%; this was comparable to that observed in parallel patients who received placebo.

Notwithstanding these observations, there are case reports of significant methemoglobinemia in association with moderate overdoses of organic nitrates. None of the affected patients had been thought to be unusually susceptible.

Methemoglobin levels are available from most clinical laboratories. The diagnosis should be suspected in patients who exhibit signs of impaired oxygen delivery despite adequate cardiac output and adequate arterial pO2. Classically, methemoglobinemic blood is described as chocolate brown, without color change on exposure to air.

When methemoglobinemia is diagnosed, the treatment of choice is methylene blue, 1 to 2 mg/kg intravenously.

**DOSAGE AND ADMINISTRATION**

The recommended starting dose of Isosorbide mononitrate extended-release tablets is 30 mg (given as 1/2 of a 60 mg tablet) or 60 mg (given as a single tablet) once daily. After several days the dosage may be increased to 120 mg (given as two 60 mg tablets) once daily. Rarely, 240 mg may be required. The daily dose of Isosorbide mononitrate extended-release tablets should be taken in the morning on arising. Isosorbide mononitrate extended-release tablets should not be chewed or crushed and should be swallowed together with a half-glassful of fluid. Do not break 30 mg tablet.

Isosorbide mononitrate extended-release tablets, USP (30 mg): White, biconvex oval shaped tablets, scored and embossed "30" on one side.
NDC: 70518-2692-00 90 in 1 BOTTLE PLASTIC
NDC: 70518-2692-01 30 in 1 BLISTER PACK

STORAGE
Store at 20° to 25°C (68° to 77°F) (see USP Controlled Room Temperature). Protect from excessive moisture.

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Remedy Repack, Inc.
625 Kolter Dr. Suite #4 Indiana, PA 1-724-465-8762

DRUG: Isosorbide Mononitrate
GENERIC: Isosorbide Mononitrate
DOSAGE: TABLET, EXTENDED RELEASE
ADMINISTRATION: ORAL

NDC: 70518-2692-0
NDC: 70518-2692-1
COLOR: white
SHAPE: OVAL
SCORE: Two even pieces
SIZE: 11 mm
IMPRINT: 30

PACKAGING: 90 in 1 BOTTLE, PLASTIC
PACKAGING: 30 in 1 BLISTER PACK

ACTIVE INGREDIENT(S):
- ISOSORBIDE MONONITRATE 30mg in 1

INACTIVE INGREDIENT(S):
- SILICON DIOXIDE
- SUCROSE
- HYDROXYPROPYL CELLULOSE (1600000 WAMW)
- LACTOSE MONOHYDRATE
- MAGNESIUM STEARATE
ISOSORBIDE MONONITRATE
isosorbide mononitrate tablet, extended release

Product Information

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Active Ingredient/Active Moiety

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Inactive Ingredients

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Directions For Use: See Package Insert

Store at 20-25°C (68-77°F); excursions permitted to 15-30°C (59-86°F) [See USP]

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Keep this and all medication out of the reach of children
REMEDYREPACK INC.

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**Labeler** - REMEDYREPACK INC. (829572556)

Revised: 10/2020