



HIGHLIGHTS OF PRESCRIBING INFORMATION

These highlights do not include all the information needed to use ROSUVASTATIN TABLETS, safely and effectively. See full prescribing information for ROSUVASTATIN TABLETS.

ROSUVASTATIN tablets, for oral use
Initial U.S. Approval: 2003

Recent Major Changes
Disposal and Administration Modifications Due to Drug Interactions (2.8) 07/2023
Contraindications, Pregnancy and Lactation (4) Removed 01/2023
Warnings and Precautions (5.1) 07/2023
Warnings and Precautions, Contraindications (5.4) Removed 01/2023

INDICATIONS AND USAGE
Rosuvastatin tablets are an HMG Co-A reductase inhibitor (statin) indicated (1):
• To reduce the risk of stroke, myocardial infarction, and arterial revascularization procedures in adults without established coronary heart disease who are at increased risk of cardiovascular (CV) disease based on age, hsCRP ≥2 mg/L, and at least one additional CV risk factor.
• As an adjunct to diet to reduce LDL-C in adults with primary hyperlipidemia.
• As an adjunct to diet to reduce low-density lipoprotein cholesterol (LDL-C) and slow the progression of atherosclerosis in adults.
• As an adjunct to diet to reduce LDL-C in adults and pediatric patients aged 9 years and older with heterozygous familial hypercholesterolemia (HeFH).
• As an adjunct to other LDL-C-lowering therapies, or alone if such treatments are unavailable, to reduce LDL-C in adults and pediatric patients aged 7 years and older with homozygous familial hypercholesterolemia (HoFH).
• As an adjunct to diet for the treatment of adults with:
• Primary dybetalipoproteinemia.
• A hyperlipoproteinemia.

DOSEAGE AND ADMINISTRATION
Take orally with or without food, at any time of day. (2.1)
Assess LDL-C when clinically appropriate, as early as 4 weeks after initiating rosuvastatin tablets, and adjust dosage as necessary. (2.1)
Adults: Recommended dosage range is 5 to 40 mg once daily. (2.1)
Pediatric Patients with Heterozygous Familial Hypercholesterolemia: Recommended dosage range is 5 to 10 mg once daily for patients aged 8 to less than 10 years of age, and 5 to 20 mg once daily for patients aged 10 years and older. (2.2)
Pediatric Patients with HeFH: Recommended dosage range is 5 to 10 mg once daily for patients aged 7 years and older. (2.2)
Asian Patients: Initiate at 5 mg once daily. Consider risks and benefits of treatment if not adequately controlled at doses up to 20 mg once daily. (2.4)
Patients with Severe Renal Impairment (not on hemodialysis): Initiate at 5 mg once daily; do not exceed 10 mg once daily. (2.5, 5.1, 5.6)
See full prescribing information for rosuvastatin tablet dosage and administration modifications due to drug interactions. (2.6)

CONTRAINDICATIONS
Acute liver failure or decompensated cirrhosis. (4.1)
Hypersensitivity to rosuvastatin or any excipients in rosuvastatin tablets (4)

WARNINGS AND PRECAUTIONS
Myopathy and Rhabdomyolysis: Risk factors include age 65 years or greater, uncontrolled hypothyroidism, renal impairment, concomitant use with certain other drugs, and higher rosuvastatin tablets dosage. Asian patients may be at higher risk for myopathy. Discontinue rosuvastatin tablets if muscle weakness or myopathy is diagnosed or suspected. Temporarily discontinue rosuvastatin tablets in patients experiencing an acute or serious condition at high risk of developing renal insufficiency. Discontinue rosuvastatin tablets if muscle weakness or myopathy is diagnosed when starting or increasing rosuvastatin tablets dosage. Instruct patients to promptly report unexplained muscle pain, tenderness, or weakness, particularly if accompanied by malaise or fever. (5.1, 7.1, 8.5, 8.6, 8.8)
Immune-Mediated Necrotizing Angiitis (IMNA): Rare reports of IMNA, an autoimmune myopathy, have been reported with statin use. Discontinue rosuvastatin tablets if IMNA is suspected. (5.2)
Hepatic Dysfunction: Increases in serum transaminases have occurred, some persistent. Rare reports of fatal and non-fatal hepatic failure have occurred. Consider testing liver enzymes before initiating therapy and as clinically indicated thereafter. If serious hepatic injury with clinical symptoms and/or hyperbilirubinemia or jaundice occurs, promptly discontinue rosuvastatin tablets. (4.3, 5.3, 8)

ADVERSE REACTIONS
Most frequent adverse reactions (≥2%) are headache, nausea, myalgia, asthenia, and constipation. (6.1)
To report SUSPECTED ADVERSE REACTIONS, contact <https://medwatch.fda.gov/Rosuvastatin.html> or 1-855-288-577 or FDA at 1-800-FDA-1088 or www.fda.gov/oc/medwatch.

DRUG INTERACTIONS
See full prescribing information for details regarding concomitant use of rosuvastatin tablets with other drugs that increase the risk of myopathy and rhabdomyolysis. (2.6, 7.1)
Atorvastatin and Magnesium Hydroxide Combination Antacid: Administer rosuvastatin tablets at least 2 hours after the antacid. (2.6, 7.2)
Warfarin: Obtain INR prior to starting rosuvastatin tablets. Monitor INR frequently until stable upon initiation, dose titration or discontinuation. (7.3)
Rosuvastatin clearance is not significantly affected by concomitant use of atorvastatin and warfarin. (7.3)
No there are differences in plasma concentrations of rosuvastatin between men and women. (7.4)
Rosuvastatin is not extensively metabolized; approximately 10% of a radiolabeled dose is recovered as metabolites. The major metabolite is 6-hydroxyrosuvastatin, which is formed primarily by cytochrome P450 27B1. (7.5)
Rosuvastatin is not a substrate for P-glycoprotein. (7.6)
Rosuvastatin is not a substrate for CYP2C8, CYP2C9, CYP2C19, CYP3A4, CYP3A5, CYP3A7, CYP2A6, CYP2B6, CYP2D6, CYP2E1, CYP2E2, CYP2E3, CYP2E4, CYP2E5, CYP2E6, CYP2E7, CYP2E8, CYP2E9, CYP2E10, CYP2E11, CYP2E12, CYP2E13, CYP2E14, CYP2E15, CYP2E16, CYP2E17, CYP2E18, CYP2E19, CYP2E20, CYP2E21, CYP2E22, CYP2E23, CYP2E24, CYP2E25, CYP2E26, CYP2E27, CYP2E28, CYP2E29, CYP2E30, CYP2E31, CYP2E32, CYP2E33, CYP2E34, CYP2E35, CYP2E36, CYP2E37, CYP2E38, CYP2E39, CYP2E40, CYP2E41, CYP2E42, CYP2E43, CYP2E44, CYP2E45, CYP2E46, CYP2E47, CYP2E48, CYP2E49, CYP2E50, CYP2E51, CYP2E52, CYP2E53, CYP2E54, CYP2E55, CYP2E56, CYP2E57, CYP2E58, CYP2E59, CYP2E60, CYP2E61, CYP2E62, CYP2E63, CYP2E64, CYP2E65, CYP2E66, CYP2E67, CYP2E68, CYP2E69, CYP2E70, CYP2E71, CYP2E72, CYP2E73, CYP2E74, CYP2E75, CYP2E76, CYP2E77, CYP2E78, CYP2E79, CYP2E80, CYP2E81, CYP2E82, CYP2E83, CYP2E84, CYP2E85, CYP2E86, CYP2E87, CYP2E88, CYP2E89, CYP2E90, CYP2E91, CYP2E92, CYP2E93, CYP2E94, CYP2E95, CYP2E96, CYP2E97, CYP2E98, CYP2E99, CYP2E100.

USE IN SPECIFIC POPULATIONS
Race or ethnic group:
• Pregnancy: May cause fetal harm. (8.1)
• Nursing: May cause infant harm during treatment with rosuvastatin tablets. (8.2)
See 17 for PATIENT COUNSELING INFORMATION and FDA-approved patient labeling.

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Rosuvastatin calcium is a statin. It is a white to off-white powder. The chemical structure of rosuvastatin calcium is shown below.

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DOSE FORMS AND STRENGTHS
Tablets: 5 mg, 10 mg, 20 mg, and 40 mg of rosuvastatin (3).

CONTRAINDICATIONS
Acute liver failure or decompensated cirrhosis. (4.1)
Hypersensitivity to rosuvastatin or any excipients in rosuvastatin tablets (4)

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No there are differences in plasma concentrations of rosuvastatin between men and women. (7.4)
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Rosuvastatin is not a substrate for P-glycoprotein. (7.6)
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USE IN SPECIFIC POPULATIONS
Race or ethnic group:
• Pregnancy: May cause fetal harm. (8.1)
• Nursing: May cause infant harm during treatment with rosuvastatin tablets. (8.2)
See 17 for PATIENT COUNSELING INFORMATION and FDA-approved patient labeling.

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12. CLINICAL PHARMACOLOGY

12.1 Mechanism of Action
Rosuvastatin is an inhibitor of HMG Co-A reductase, the rate-limiting enzyme that converts 3-hydroxy-3-methylglutaryl-CoA to mevalonate, a precursor of cholesterol.

12.2 Pharmacodynamics
In clinical pharmacologic studies in man, peak plasma concentrations of rosuvastatin were reached at 3 to 6 hours following oral dosing. In the AUC study, the mean plasma concentration of rosuvastatin was approximately 20% of the AUC of rosuvastatin. The AUC of rosuvastatin does not differ following repeated or increasing doses.

12.3 Pharmacokinetics
Rosuvastatin is not extensively metabolized; approximately 10% of a radiolabeled dose is recovered as metabolites. The major metabolite is 6-hydroxyrosuvastatin, which is formed primarily by cytochrome P450 27B1. Rosuvastatin is not a substrate for P-glycoprotein. Rosuvastatin is not a substrate for CYP2C8, CYP2C9, CYP2C19, CYP3A4, CYP3A5, CYP3A7, CYP2A6, CYP2B6, CYP2D6, CYP2E1, CYP2E2, CYP2E3, CYP2E4, CYP2E5, CYP2E6, CYP2E7, CYP2E8, CYP2E9, CYP2E10, CYP2E11, CYP2E12, CYP2E13, CYP2E14, CYP2E15