

Simvastin *Tablets*

Lipid -lowering agent

Composition:

Tablet: Simvastatin 20mg.

Properties:

Simvastatin, is a lipid-lowering agent ,derived synthetically from a fermentation product of *Aspergillus terreus* . After oral administration, Simvastatin is hydrolyzed to B-hydroxy acid form which inhibits 3-hydroxy-3 methyl glutaryl-Coenzyme A (HMG-Co A) reductase. This enzyme catalyzes the conversion of HMG-Co A to mevalonate, which is an early and rate-limiting step in the biosynthesis of Cholesterol.

Indications:

Simvastatin, is indicated in:

- 1 - Patients with coronary heart disease & hypercholesterolemia.**
- 2 - Patients with primary hypercholesterolemia & mixed dyslipidemia.**
- 3 - Patients with homozygous familial hypercholesterolemia as an adjunct of other lipid-lowering treatments or if such treatments are unavailable.**

Dosage:

Adults: 1 tablet (20 mg Simvastatin) daily in the evening.

N.B.:

- 1 - Patients should be placed on a standard cholesterol-lowering diet before receiving Simvastatin and should continue on this diet during treatment with Simvastatin.**
- 2 - Simvastatin , is not recommended in children.**

Presentation:

A strip X 7film coated tablets.