



**BREAK THE HUDDLE**

NOW AVAILABLE,

## **ROSLAREN-A 10/20**

Rosuvastatin 10/20 mg + Aspirin 75 mg Capsules

## **ROSLAREN-C 10/20**

Rosuvastatin 10/20 mg + Clopidogrel 75 mg Capsules

ALSO AVAILABLE,

## **ROSLAREN-AC 10/20**

Rosuvastatin 10/20 mg + Aspirin 75 mg + Clopidogrel 75 mg Capsules

# ROSLAREN-A 10/20

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# ROSLAREN-C 10/20

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# ROSLAREN-AC 10/20

## BACKGROUND:

- The burden of Acute coronary syndrome(ACS) in India is one of the highest in the world as it includes acute Myocardial infarction (MI) and unstable angina.
- Following an ACS, the chances of recurrent coronary events are higher than that of a stable coronary disease. The major contributing factor relating to ACS are dyslipidemia and atherosclerosis of coronary arteries.
- A study called CREATE, involving 20,937 patients suggested that Indian patients with ACS have the higher rate of STEMI than patients in developed countries.
- **DAPT (Aspirin, Clopidogrel)** combined with rosuvastatin effectively reduce the risk of recurrent ischemic stroke without increasing adverse events such as bleeding.

## DESCRIPTION:

**ROSLAREN-A/C/AC:** This combination is used in the primary prevention and secondary prevention of Coronary Artery Disease.

### The strength available are:

**ROSLAREN-A 10/20:** Rosuvastatin 10/20 mg + Aspirin 75 mg Capsules

**ROSLAREN-C 10/20:** Rosuvastatin 10/20 mg + Clopidogrel 75 mg Capsules

**ROSLAREN-AC 10/20:** Rosuvastatin 10/20 mg + Aspirin 75 mg + Clopidogrel 75 mg Capsules

## INDICATION:

**ROSLAREN-A/C/AC:** It is indicated in primary as well as secondary prevention of atherothrombosis, Acute coronary syndrome, non-ST elevation myocardial infarction, stroke and angina.

## MECHANISM OF ACTION:

- **Rosuvastatin** is a competitive inhibitor of HMG-CoA reductase. HMG-CoA reductase catalyses the conversion of HMG-CoA to mevalonate, an early rate-limiting step in cholesterol biosynthesis.
- **Aspirin** works by irreversibly inhibiting the enzyme cyclo-oxygenase (COX-1) which reduces thromboxane synthesis. Thromboxane is required to facilitate platelet aggregation and to stimulate further platelet activation.
- **Clopidogrel** acts by inhibiting the adenosine diphosphate receptor on platelet cell membranes in order to inhibit platelet activation and aggregation.

## DOSAGE AND ADMINISTRATION:

**ROSLAREN-A/C/AC:** One tablet a day or as directed by the doctor.

**STEMI:** ST-Segment Elevation Myocardial Infarction

**DAPT:** Dual Anti-Platelet Therapy

### References:

1. Lancet. 2008 Apr 26;371(9622):1435-42
2. Clinics (Sao Paulo). 2023 Jan-Dec; 78: 100171.

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