

Lower is Better



Rx

Bemzire EZ

Bempedoic acid 180 mg + Ezetimibe 10 mg Tablets

For Super Aggressive
Reduction in LDL levels

Recently Bempedoic acid is included in



AMERICAN
COLLEGE of
CARDIOLOGY®

LAI

LIPID ASSOCIATION
OF INDIA



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Description:

Bemzire EZ is available as film coated tablet of Bempedoic acid 180 mg and ezetimibe 10 mg. This combination medication is used along with a proper diet and other medications to help lower “bad” cholesterol (such as LDL) in the blood.

Indication:

- ☐ Patients with atherosclerotic cardiovascular disease (ASCVD)
- ◆ Or have high risk of ASCVD
- ◆ Or patients with High level of LDL
- ☐ And who require additional low-density lipoprotein cholesterol (LDL-C) lowering despite maximally tolerated statins.

Mechanism of Action:

- ☐ **Bempedoic acid** : Bempedoic acid is a once-daily, oral, first-in-class - adenosine triphosphate- citrate lyase (ACL) inhibitor.
- ◆ Bempedoic acid acts by **inhibiting adenosine triphosphate-citrate lyase (ACL) and consequently cholesterol biosynthesis**, leading to increased expression of LDL receptors and increasing low-density lipoproteins (LDL-C) plasma clearance.
- ☐ **Ezetimibe** : Ezetimibe is a lipid-Lowering compound that inhibits intestinal cholesterol absorption.
- ◆ Blocks GI cholesterol absorption via NPC1L1 (Niemann-Pick C1-Like 1) inhibition, reducing cholesterol deliver to the liver.
- ◆ This action reduces hepatic cholesterol stores and increases LDL receptors, resulting in clearance of cholesterol from the blood.

Dosage and administration:

The recommended dosage with maximally tolerated statin therapy is one tablet orally once a day with or without food.

Presentation:

Bemzire EZ is available as 10 tablets in a strip.

References:

1.Safi U Khan and Erin D Michos Bempedoic acid and ezetimibe – better together European Journal of Preventive Cardiology 0(00) 1–3

2.NEXLIZET prescribing information

3.Mehta V, Puri R, Duell PB, et al. Unmet Need for Further LDL-C Lowering in India Despite Statin Therapy: Lipid Association of India Recommendations for the Use of Bempedoic Acid. J Assoc Physicians India 2022;70(9):67–75.

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