Product Description:

Each Mannocran tablet contains Cranberry Extract 300mg with D- Mannose 600mg

General Information:

Mannocran is a dietary supplement: Cranberry extract and D-mannose (a type of sugar) used to prevent urinary tract infections (UTIs). Cranberry extract is derived from cranberry fruit and is known for its potential benefits in preventing UTIs. It contains compounds called proanthocyanidins, which may help prevent bacteria. Mannocran can be used as an alternative or complement to antibiotic treatment for urinary tract infections (UTIs). Mannocran works by preventing certain kinds of bacteria from sticking to the urinary tract walls and causing infection. Mannocran is a non-antimicrobial combination to prevent UTIs. It is advised for prevention as long-term use, unlike antibiotics, which are mainly used for short-term use and existing UTIs. Mannocran also avoids secondary infections, development resistance or side effects, which may be possible with the use of antibiotics.

Indication & Usage:

Mannocran is used to treat and prevent urinary tract infections. Take Mannocran with or without food as advised by your doctor. Swallow it as a whole with a glass of water. Do not crush, chew or break it.

Dosage & Administration:

Recommended dose of Mannocran for preventing frequent UTI is BID i.e 1 tablet twice daily

Course of therapy: Can be prescriber for up to 6 months.

Mannocran can be taken orally with water.

The dosage and frequency of use will depend on the specific medical condition being treated and individual needs.

Mechanism of Action:

The combined therapeutic effect of Cranberry extract+ D-mannose supplements aims to support urinary tract health by potentially preventing the adherence of bacteria to the urinary tract walls and aiding in the flushing out of any attached bacteria.

Cranberry extract's proanthocyanidins may inhibit bacterial adhesion, while D-mannose can attach to bacteria, particularly E. coli, and facilitate their removal through urine. This dual action may reduce the risk of urinary tract infections and alleviate associated symptoms.

Pharmacokinetics-

- **Absorption**: At least 90% of D-mannose is absorbed in the upper intestine.
- **Excretion**: D-mannose is rapidly excreted from the bloodstream and into the urine
- **Half-life**: D-mannose has a half-life of about 4 hours.

Use in Special population

- **Pregnancy**- You should consult a doctor before taking cranberry D-mannose tablets during pregnancy. Mannocran is generally well tolerated, but there is not enough information on its safety during pregnancy.
- **Nursing Mother**- There isn't enough reliable information to know if Mannocran is safe to use when pregnant or breast-feeding.
- **Paediatric use**- Mannocran should only be given to children if a doctor recommends them. While these supplements are generally safe for adults, their safety and effectiveness in children have not been extensively studied.

  Contradiction-

  - Diabetic patients should closely monitor their blood sugar levels as D-mannose can affect glucose levels and may require adjustments to medication or insulin under medical supervision.
  - There may be potential drug interactions, especially with blood thinners.

  Warning & Precaution-

  - Use caution if you have a history of kidney stones due to the moderate oxalate content in cranberry extract.
  - Discontinue use if gastrointestinal symptoms persist.
  - If you are pregnant, breastfeeding, have underlying medical conditions, or are taking medications, it is advisable to consult with a healthcare professional before using these supplements.

Adverse Reaction-

Mannocran is generally well-tolerated, but it can potentially cause side effects in some individuals. Common side effects may include gastrointestinal upset like nausea, bloating, or gas. Allergic reactions, although rare, can manifest as rash, itching, swelling, dizziness, or difficulty breathing.

Competitor Brands

Sr. No.	Brand	Company	MRP
1	Cranfit	Cipla	478.50
2	Cranpac-D	Ipca	440.00
3	UTIOF	Intas	429.00

4	Tracfree	Zydus	371.80