



RAM PHARMA

# RAMLAC<sup>®</sup>

## Lactulose

### \*Description:

**Ramlac** (Lactulose) is a synthetic disaccharide laxative. Following oral administration, **Ramlac** is almost completely unabsorbed from the GIT.

**Ramlac** is broken down by colonic bacteria mainly lactobacteria into low molecular weight organic acids such as lactic acid that exerts a local osmotic effect in the colon resulting in increased fecal bulk and stimulation of peristalsis. It may take up to 72 hours before an effect is obtained. When larger doses are given for hepatic encephalopathy the pH in the colon is reduced significantly by this acid production and the absorption of ammonium ions and other toxic nitrogenous compounds are decreased leading to a fall in blood-ammonia concentrations.

### \* Indications:

**Ramlac** is indicated for:

- The prophylaxis and treatment of hyperammonaemia in liver diseases including the stages of pre-coma and coma.
- The treatment of chronic constipation.

### Dosage and Administration:

**Ramlac** should be taken after meals with a full glass of liquids or more with each dose for best results. Dose may be mixed with milk or fruit juices to improve flavor.

**Ramlac** can be taken during pregnancy and by infants, children and diabetics.

### Adults:

- In liver diseases: 30-45 ml three or four times a day. This dose may be adjusted every day or two to produce two to three soft stools daily. In the initial phase of therapy 30-45 ml may be given every hour to induce rapid laxation.

- In chronic constipation: The usual initial dose is 15-30 ml given daily in a single dose or in two divided doses; doses up to 60 ml have been given. The dose is gradually reduced according to patient's need, maintenance doses of 10-15 ml have been given.

### **Children**

- In chronic constipation: Children aged 5 to 10 years may be given initial doses of 10 ml twice daily; one to 5 years, 5 ml twice daily; under one year, 2.5 ml twice daily.

### **\* Precautions:**

- Lactulose should not be given to patients with intestinal obstruction.

- Use lactulose with caution in patients on a low galactose diet, lactose intolerant or in diabetics since it contains up to 1.2 grams of lactose and up to 2.2 grams of galactose per 15 ml.

### **\* Adverse Effects:**

Lactulose may cause abdominal discomfort associated with flatulence or cramps.

Prolonged use or excessive dosage may result in diarrhea with excessive loss of water and electrolytes, particularly potassium.

### **\*Presentation:**

**Ramlac Syrup:** Each 100 ml contains Lactulose 67 gm. Bottles of 200 ml and 300 ml and 100 ml.

#### **This is a Medicament :**

- Keep all medicaments away from children.
- A medicament is a product that affects your health, and its consumption contrary to instructions is dangerous for you.
- Follow strictly the doctor's prescription, the method of use and the instructions of the pharmacist who dispensed the medicament
- The doctor and the pharmacist are experts in medicine, its benefits and risks.
- Do not interrupt the treatment before consulting your doctor.
- Do not repeat the same prescription without consulting your doctor.

Council Of Arab Health Ministers  
Union Of Arab Pharmacists

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