

LACTULOSE SYRUP

Class: Ammonium Detoxicant; Laxative, Osmotic

Indications:

Prevention and treatment of portal-systemic encephalopathy (including hepatic precoma and coma); treatment of constipation.

Available dosage form in the hospital:

LACTULOSE SYRUP

Trade Names:

Dosage:

-Constipation: Oral: 10-20 g (15-30 mL) daily; may increase to 40 g (60 mL) daily if necessary.

-Prevention of portal systemic encephalopathy (PSE): Oral: 20-30 g (30-45 mL) 3-4 times/day; adjust dose every 1-2 days to produce 2-3 soft stools/day.

-Treatment of acute PSE:

-Oral: 20-30 g (30-45 mL) every 1 hour to induce rapid laxation; reduce to 20-30 g (30-45 mL) 3-4 times/day after laxation is achieved titrate to produce 2-3 soft stools/day.

-Rectal administration (retention enema): 200 g (300 mL) diluted with 700 mL of water or NS via rectal balloon catheter; retain for 30-60 minutes; may repeat every 4-6 hours; transition to oral treatment prior to discontinuing rectal administration.

Renal Impairment:

No dosage adjustment provided in manufacturer's labeling.

Hepatic Impairment:

No dosage adjustment provided in manufacturer's labeling.

Common side effect:

Frequency not defined.

Endocrine & metabolic: Dehydration, hypernatremia, hypokalemia .

Gastrointestinal: Abdominal discomfort, abdominal distention, belching, cramping, diarrhea (excessive dose), flatulence, nausea, vomiting.

Pregnancy Risk Factor:B