

Prescription Medications for Treatment of SIBO and Dysmotility

There are several common dosing regimens of rifaximin (brand name Xifaxan) used in adults and children. Most commonly, three times daily dosing is recommended.

Population	Dosage
Adults	400 mg TID for 10-14 days
Adults	550 mg TID for 10-14 days
Children	200 mg TID for 10 days
Children	10-30 mg/kg/d for 10 days

**Studies suggest 1,650 mg/day has increased efficacy without increased adverse events or resistance compared with 1,200 mg/day*

Treatment duration, with either rifaximin or an herbal antimicrobial protocol, should depend upon the severity of SIBO as characterized by symptoms and results of the breath test.

- Retest at the end of each treatment period. (Wait approximately two to four weeks after the completion of treatment prior to testing.)
- If both hydrogen and methane are elevated, use the treatment duration that corresponds to the highest value. For example, if hydrogen is 75 ppm and methane is 30 ppm, treat for 12 weeks.

RIFAXIMIN TREATMENT DURATION BASED ON LBT

H2 level at 80/90 minutes	Treatment Duration
<45 ppm	4 Weeks
45-70 ppm	8 Weeks
>70 ppm	12 Weeks

**Can be done at 1,200 or 1,650 mg/day*

PRESCRIPTION ADDITIONS FOR ELEVATED METHANE

Medication	Dose	Treatment Duration
Neomycin	500 mg, q 12 hours	10 days
Metronidazole	250 mg, three times daily	10 days

**Taken with Rifaximin, during the first 10 days of treatment protocol regardless of symptoms or LBT results*

TREATMENT DURATION BASED ON LBT METHANE (CH₄)

Presentation	Treatment Duration
The highest value on the test is between 10 ppm and 25 ppm	30 Days
The highest value on the test is between 25-50 ppm	60 Days
The highest value on the test is >50 ppm	90 Days

**Applies to total treatment time with botanicals or Rifaximin*

PHARMACEUTICAL PROKINETICS

Pharmaceutical prokinetics

Prokinetic	Dose
Low-dose erythromycin	Gastroparesis: 250 mg TID, 30 min before meals (ac) SIBO relapse prevention: 50 or 62.5 mg nightly Symptom management: 50 or 62.5–100 mg 30 min ac Pediatrics: 25 mg (liquid Rx) or cut 150 mg into 1/4 (37.5 mg in an older child)
Prucalopride	Constipation: 2 mg QHS (at night) range 0.5–4 mg SIBO relapse prevention (low dose): 0.5 mg QHS (range 0.25–1 mg) Pediatrics: 0.01 mg/kg
Low-dose naltrexone (LDN)	IBS: 0.5 mg once daily IBD: 4.5 mg daily SIBO relapse prevention: 2.5 mg QHS (diarrhea)/2.5 mg BID or 4.5 mg QHS (constipation) Symptom management: 0.5–5 mg daily Pediatrics: 0.01 mg/kg