

## **IBS: ROME III**

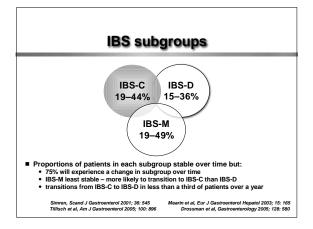
- Recurrent abdominal pain or discomfort at least 3 days/month in the last 3 months associated with 2 or more:
  - Improvement with defecation
  - Onset associated with a change in frequency of stool
  - Onset associated with a change in form (appearance) of stool

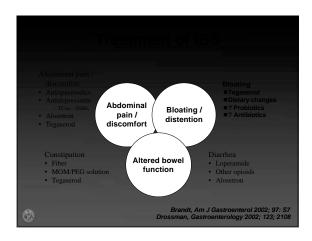
\*Criteria fulfilled for the last 3 month with symptom onset at least 6 months prior to diagnosis

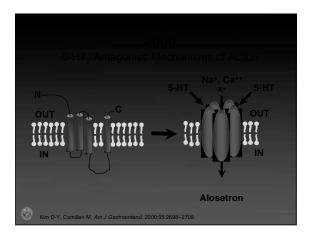
Longstreth et al, Gastroenterology 2006; 130:1480

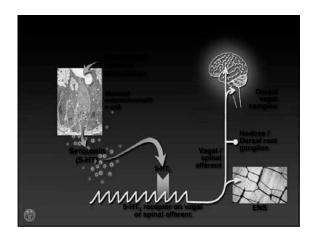
## **ROME III bowel habit sub-classification**

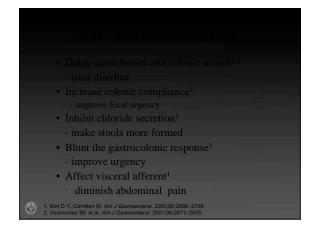
IBS-C: >25% hard or lumpy stools
and <25% loose or watery stools
IBS-D >25% loose or watery stools
and <25% hard or lumpy stools
IBS-M >25% loose or watery stools
and >25% hard or lumpy stools
IBS-U Insufficient abnormality of stool
consistency to meet criteria for
IBS-C, IBS-D, or IBS-M

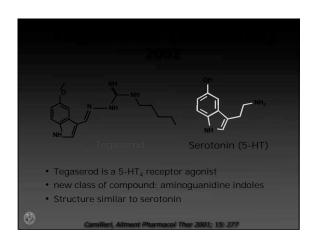


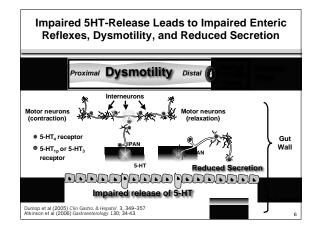


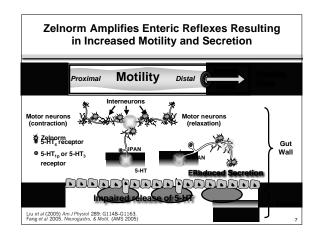


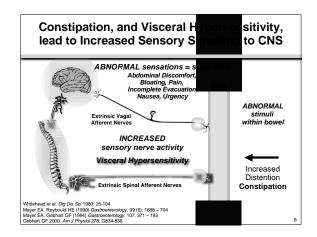


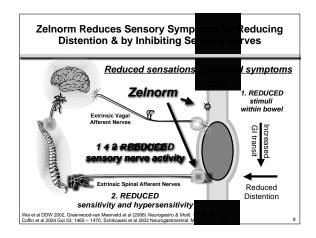


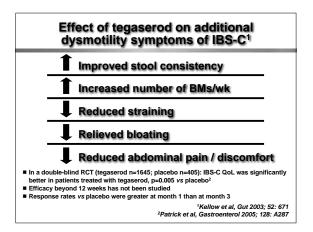


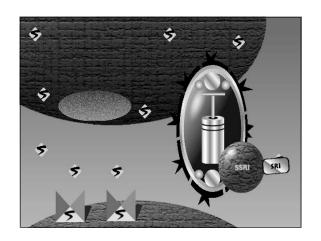


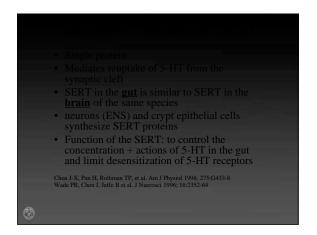


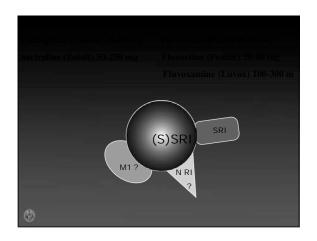


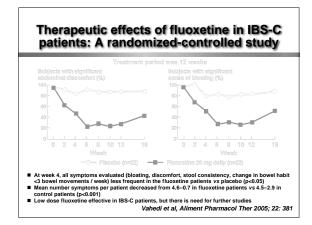


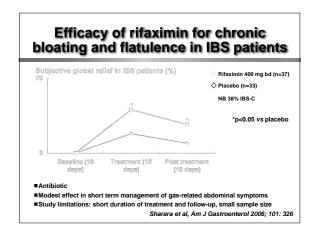


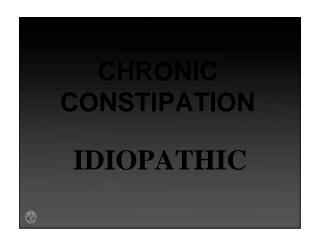


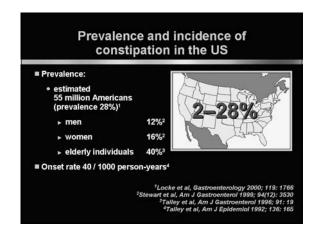


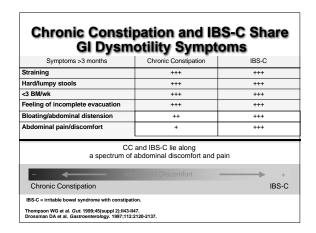


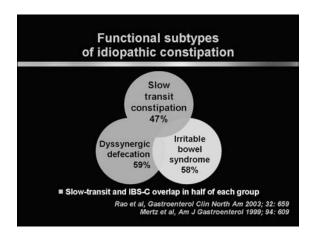


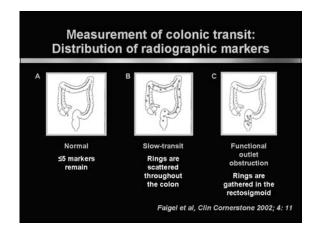


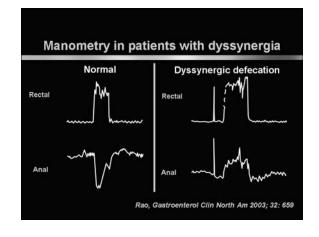


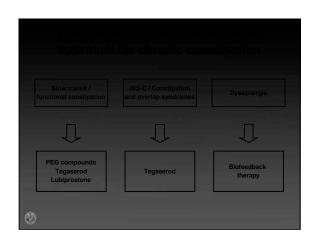


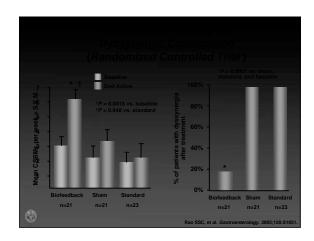


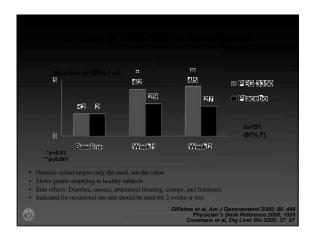


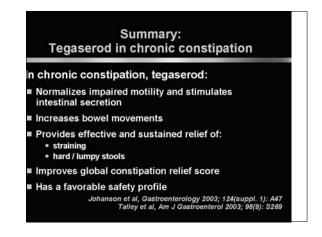


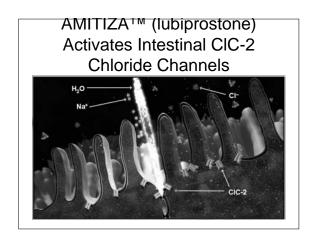


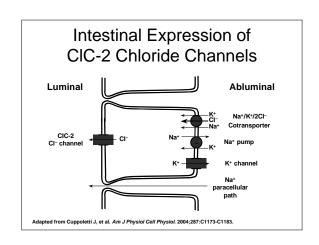


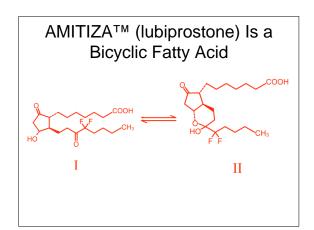


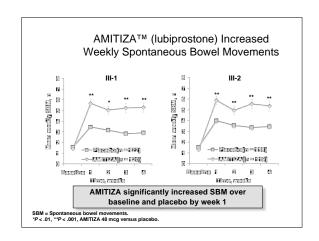












## AMITIZA™ (lubiprostone) Activates CIC-2 Chloride Channels

- Specific chloride channel-2 (CIC-2) activator
- Promotes fluid secretion
- Enhances intestinal fluid secretion to facilitate increased motility

Ueno R, et al. Gastroenterology. 2004;126(suppl 2):A298. Abstract M1109.

## Comparison of lubiprostone and tegaserod in CC

	Lubiprostone <sup>1</sup>	Tegaserod <sup>2</sup>
Description	Chloride channel activator	5-HT <sub>4</sub> agonist
Mechanism of action	Increases intestinal fluid secretion	Stimulates the peristaltic reflex Stimulates intestinal secretion Inhibits visceral sensitivity
Indications	CC in male and female patients	CC in male and female patients <65 years, IBS-C in female
Administration	Twice daily orally with food	PWice Saily orally before meals
Patients experiencing SBM in first 24 hours <sup>3,4†</sup>	Lubiprostone 61.3%	Tegaserod 62%
Adverse Events in CC*	Diarrhea (13%) Headache (13.2%) Abdominal pain (6.7%) Nausea (31.1%)	Diarrhea (7%) Headache (15%)** Abdominal pain (5%) Nausea (5%)

†Different endpoints make the trials difficult to compan \*AE rates for tegaserod in IBS-C are not listed here \*Rate reported in IBS-C, only aggravated headache listed for CC (1%)

<sup>3</sup>Lubiprostone PI <sup>2</sup>Tegaserod PI <sup>3</sup>Johanson, Am J Gastroenterol 2005; 100: S324 <sup>4</sup>Kamm, Am J Gastroenterol 2005; 100: 362

