

Question 11 – Week of September 13

Which of the following has been shown to be effective in regulating transient LESRs?

- A. Metoclopramide
- B. Omeprazole
- C. Ranitidine
- D. Baclofen
- E. Cisapride

Answer: D

Transient LESRs is the most common mechanism for reflux in patients with an intact LES. Treatment is aimed at inhibition of this vasovagal reflex. Baclofen works as a GABA_B agonist on presynaptic receptors. It is a potent inhibitor of neurotransmitters in the CNS and antagonizes the release of neurotransmitters from vagal nerve afferents. Baclofen results in decreased transient LESRs after meals leading to improvement in symptoms. The other listed medications have not been shown to alter transient LESRs.