

Physiology lab Quizzes

1. What would be the temperature of media where a preparation of the small intestine is hung in the experiment?

A. Room temperature

B. 30°.

C. 25°.

D. 37°.

E. 10°.

2. Blocking of propulsive movements of GIT can happen by:

A. -Nonsteroidal anti-inflammatory drugs (aspirin).

B. Propranolol.

C. Histamine blockers.

D. Atropine.

E. Acetylcholine.

3. The propulsive effect on the cecum results by:

A. Segmentation contractions.

B. Peristaltic contractions.

C. Haustral contractions.

D. Mass contractions.

E. Activity of muscularis mucosa.

4. Slow waves are recorded from the orad stomach, proximal and distal antrum, and proximal duodenum in a fasted subject. Slow waves recorded during the burst phase of the migrating motor complex (MMC), compared with slow waves recorded during the relaxed phase, are characterized by

A. A decrease in the apparent propagation velocity of antral slow waves.

B. A decrease in the frequency of duodenal slow waves.

C. An increase in the frequency of antral slow waves.

D. An increase in the amplitude of antral slow waves.

E. The occurrence of slow waves in the orad stomach.

5. Stimulation of an intrinsic nerve in the intestine causes contraction of an intestinal muscle cell through the release of which neurotransmitter?

A. Somatostatin.

B. Nitric oxide (NO).

C. Norepinephrine.

D. Acetylcholine (ACh).

E. Vasoactive intestinal peptide (VIP).