

- ▶ At base of villi, extend into lamina propria
- ▶ New epithelial cells produced
- ▶ Production of hormones for digestions
- ▶ Lamina propria
 - ▶ Network of capillaries ->hepatic portal system
 - ▶ Lacteal (transport larger nutrients) ->thoracic duct ->venous circulation

Slide 56-Why do we duodenum glands? we still have things getting dumped in to be mixed
 Peyer's patches aka called aggregate lymphoid nodules in stomach: make sure your food is safe doesn't have parasite on in

Cecum is part of the colon

Lacteal

- Terminal lymphatic
- Transports materials that cannot enter local capillaries (lipid-protein complexes called chylomicrons, how we carry fat in digestive)

Cecum: collecting point for food that hasn't been digested yet, gets food from Ileocecal valve from ileum
 Appendix is part of immune system response: mounts a response to bacteria to help fight function, if that gets filled up with undigested food it gets infected and get appendicitis, if it gets infection and ruptures and leaks all waste product, have infected material circulating outside of GI tract and starts bleeding

Question:

Which of the following is not a function of the oral cavity?

- A. analysis of material before swallowing
- B. mechanical processing through the actions of the teeth, tongue, and palatal surfaces
- C. initial digestion of food materials by acids
- D. lubrication of oral contents by mucus and salivary secretions
- E. partial digestion of carbohydrates by a salivary enzyme

Cecum

Ileocecal valve-what it receives food from

Vermiform appendix

Function: collects, stores, and begins compaction of arriving materials

Colon

Larger diameter & thinner walls (compared to SI)

Haustra: pouches in walls for distension, sectioning pieces, little packets on colon

Taeniae coli: 3 bands of longitudinal smooth muscle, helps with peristalsis movement, you want peristalsis, slows things down, pulls water out, effects movement of the small muscle

Colon is divided into 4 regions

Move food up and out

Considered normal amount of bowel movements a day: at least once a day, but one bowel movement every three days is still considered normal

Rectum

Last 6 inches of colon/digestive tract

Temporary storage of fecal matter