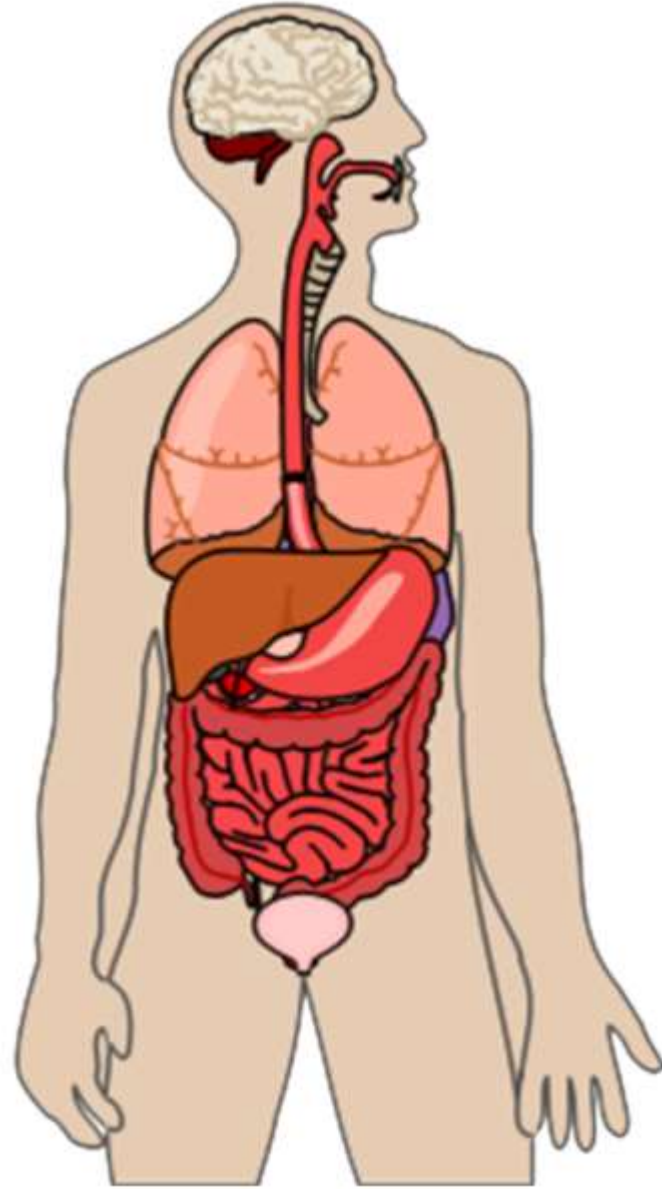


Delightful Digestion

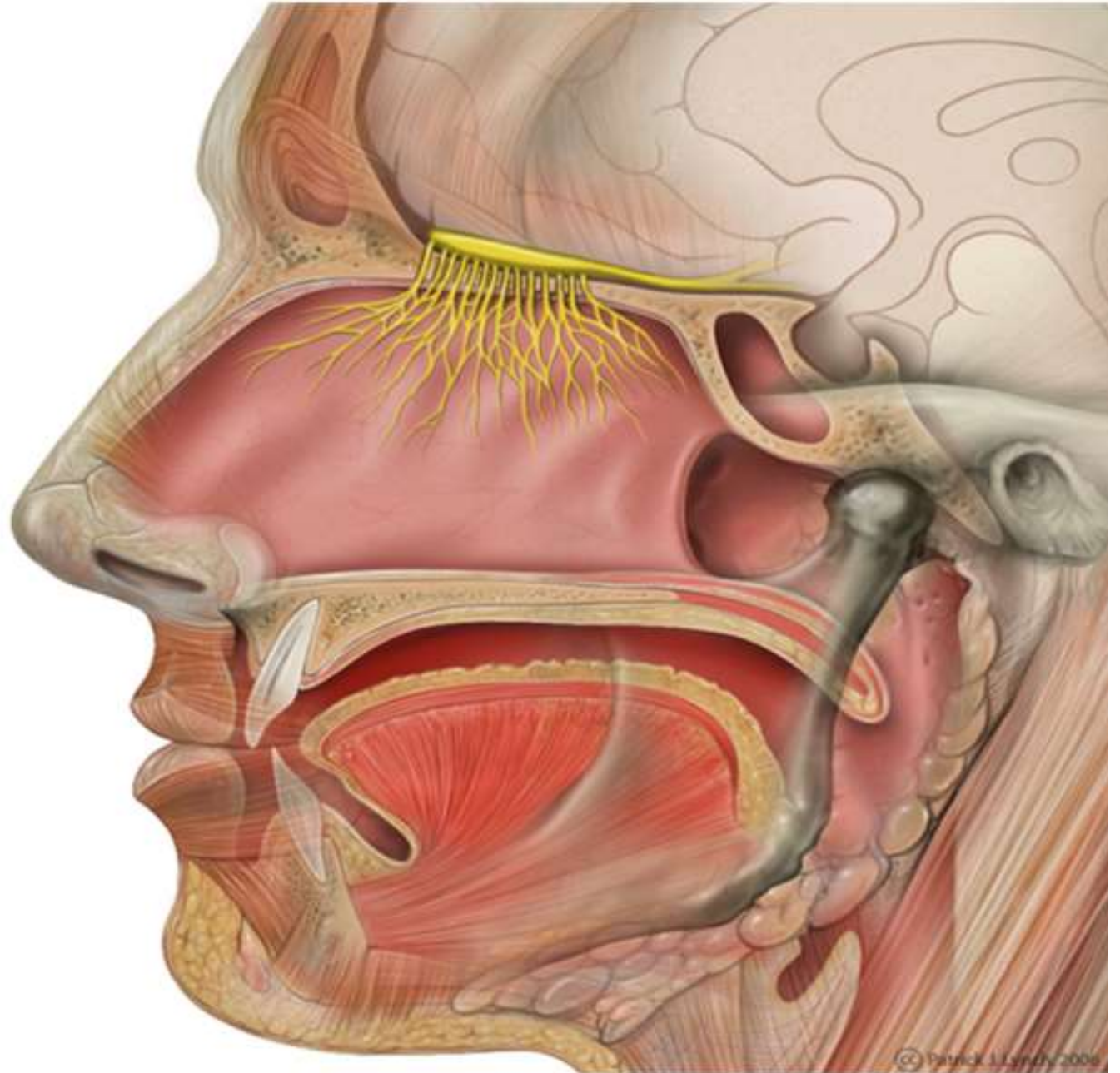


Why do we need the digestive system?

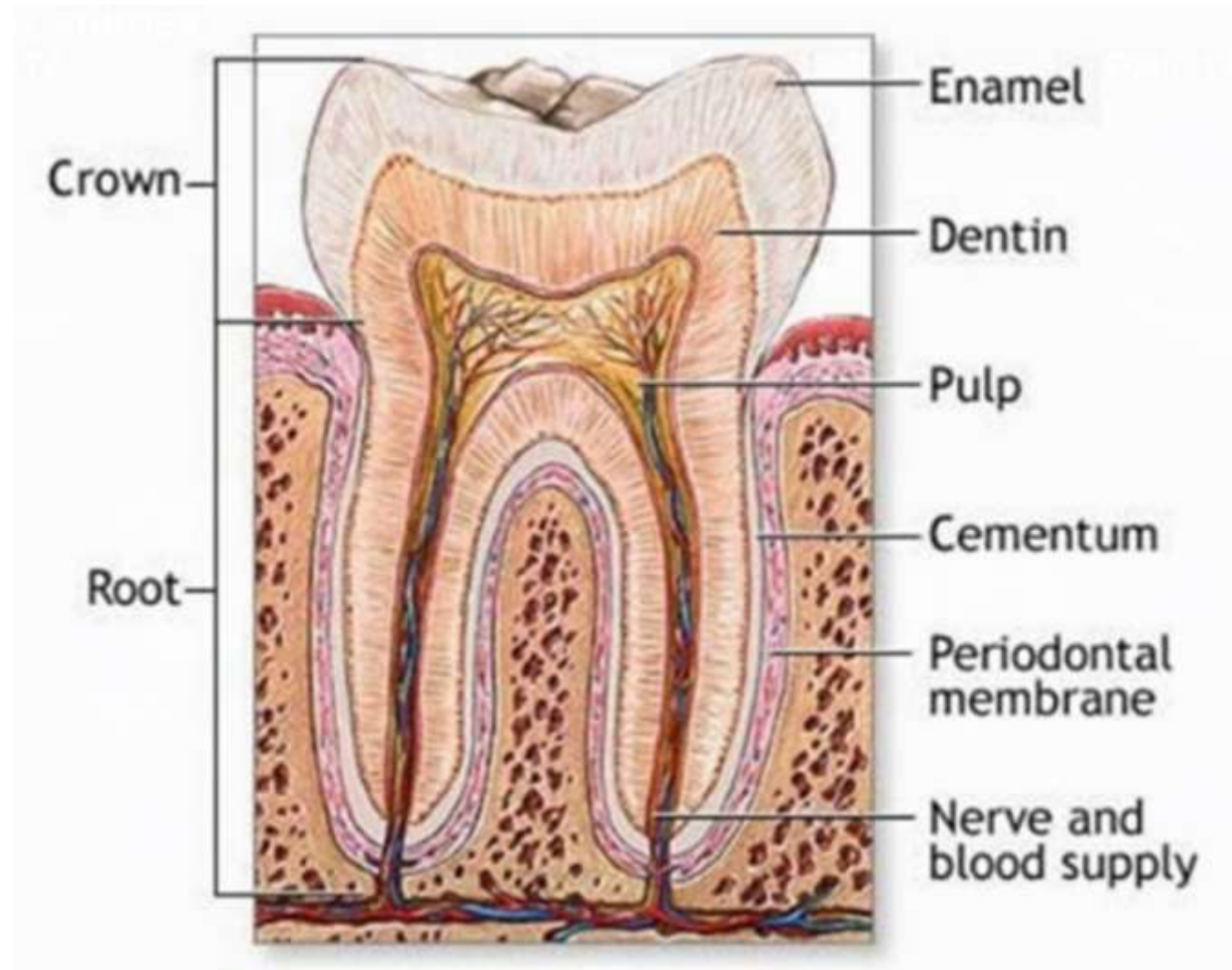
Where does digestion start?



Tongue



Teeth are an important part of the digestive system and the skeletal system.



R

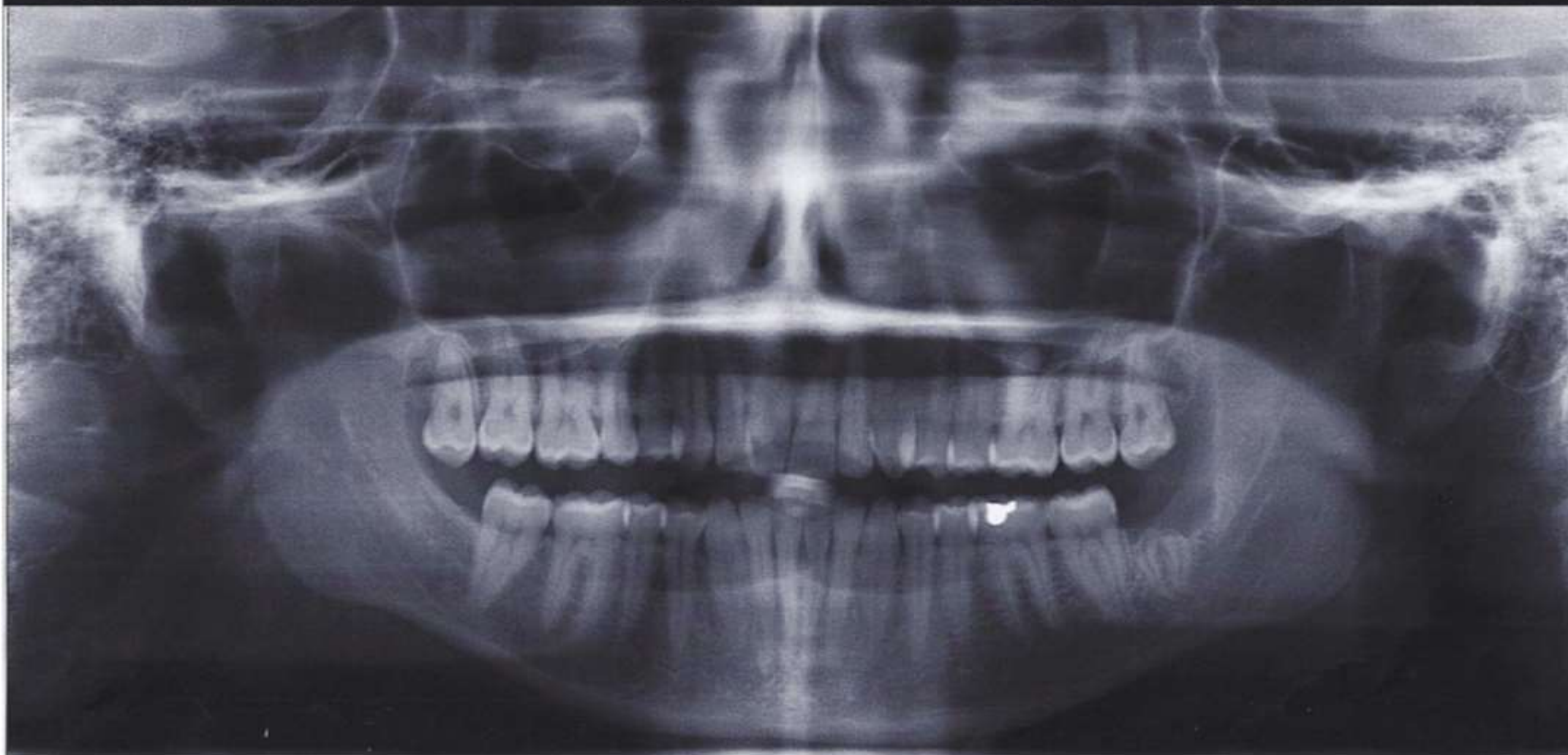
RIVER RIDGE ORAL SURGERY
Name: EMILY HEINTZ

ID: EH32086

DOB: 12/30/2011

Date: 12/30/2011

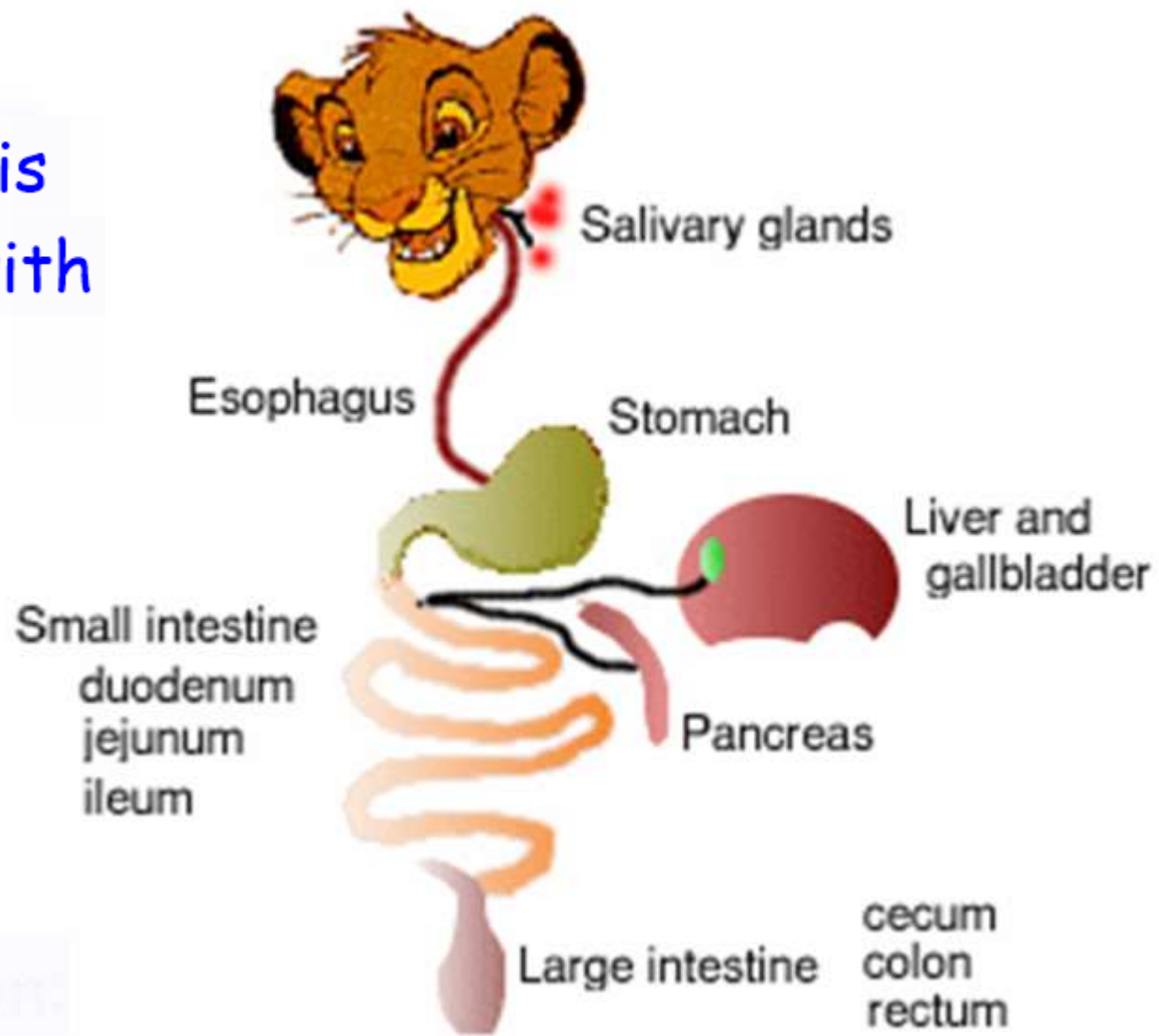
L



The digestive system is basically a long tube with many layers.

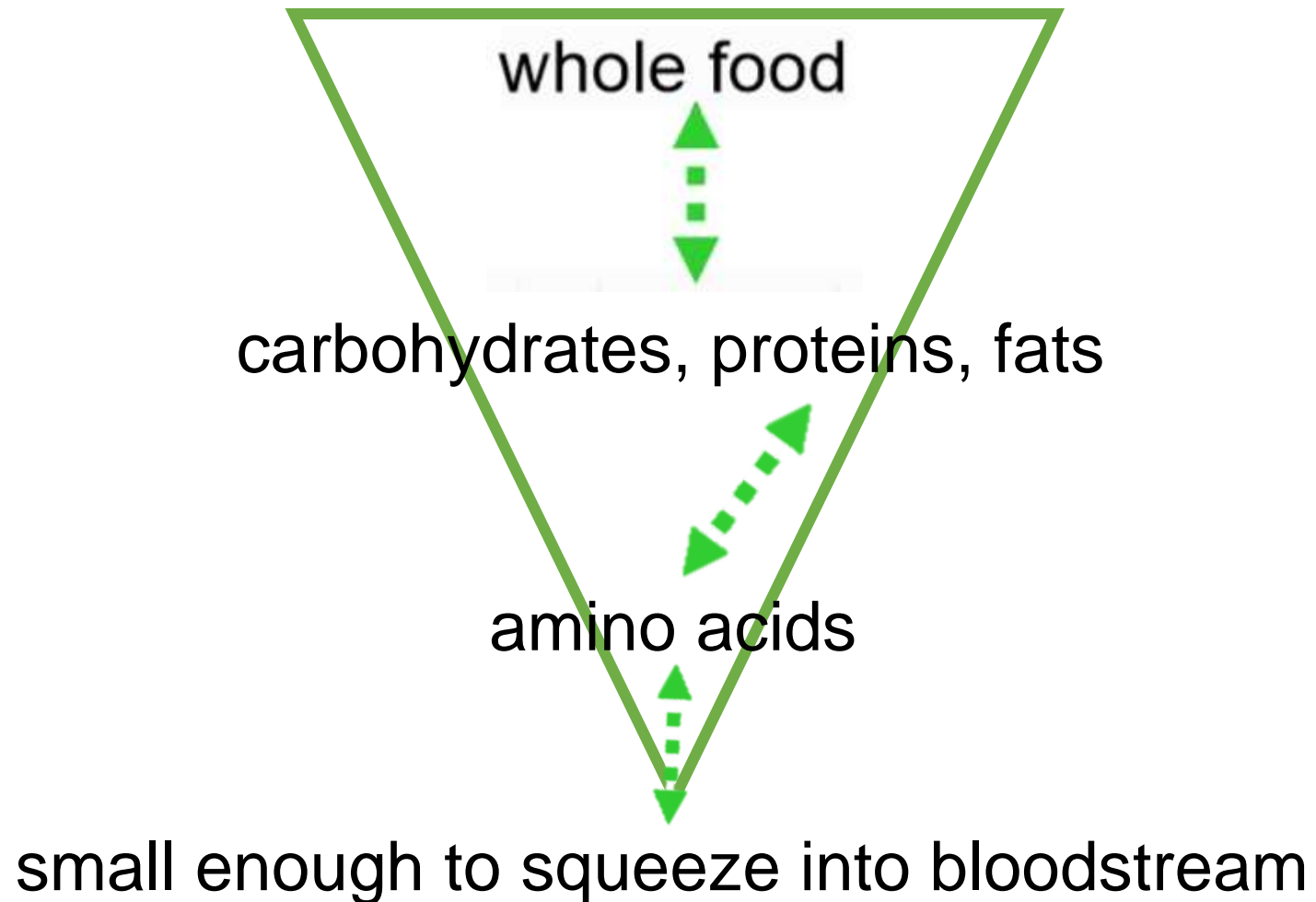
Two Types of Digestion:

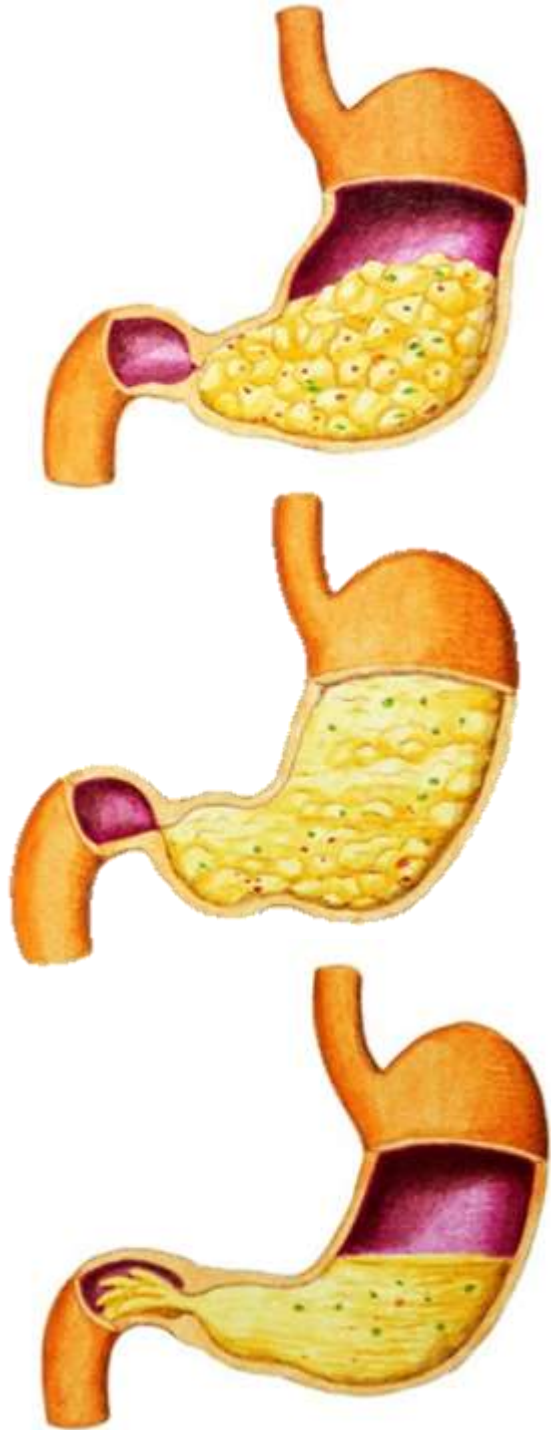
- mechanical
- chemical



So what happens to food in the stomach?

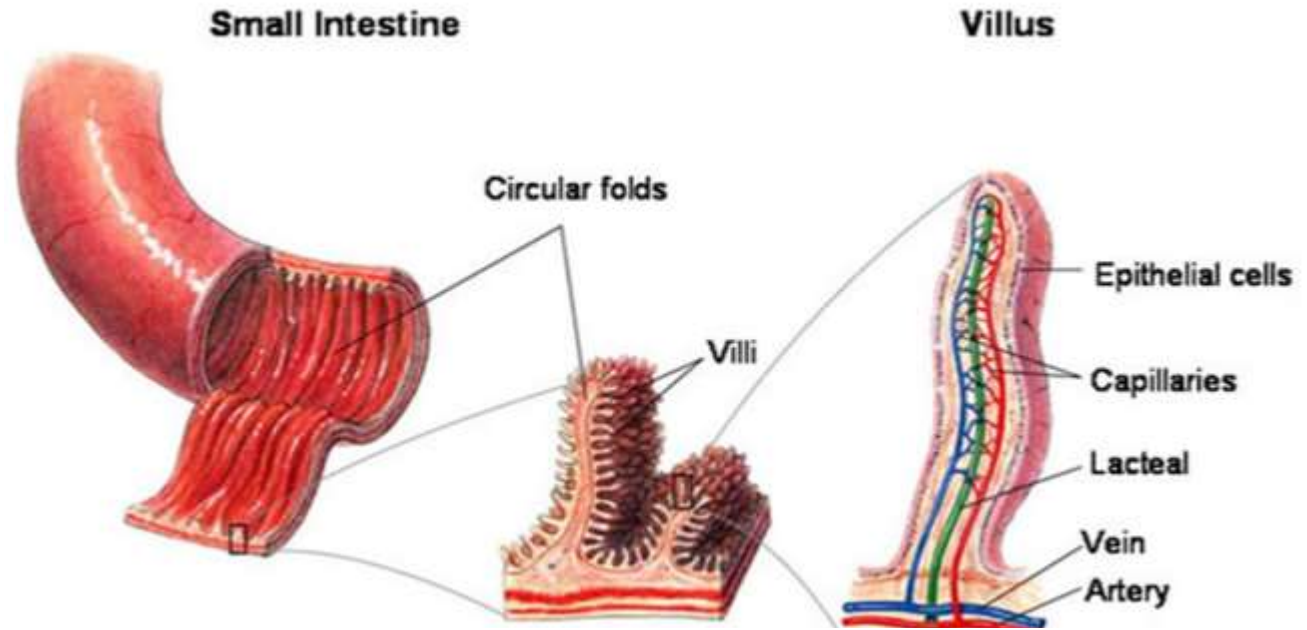
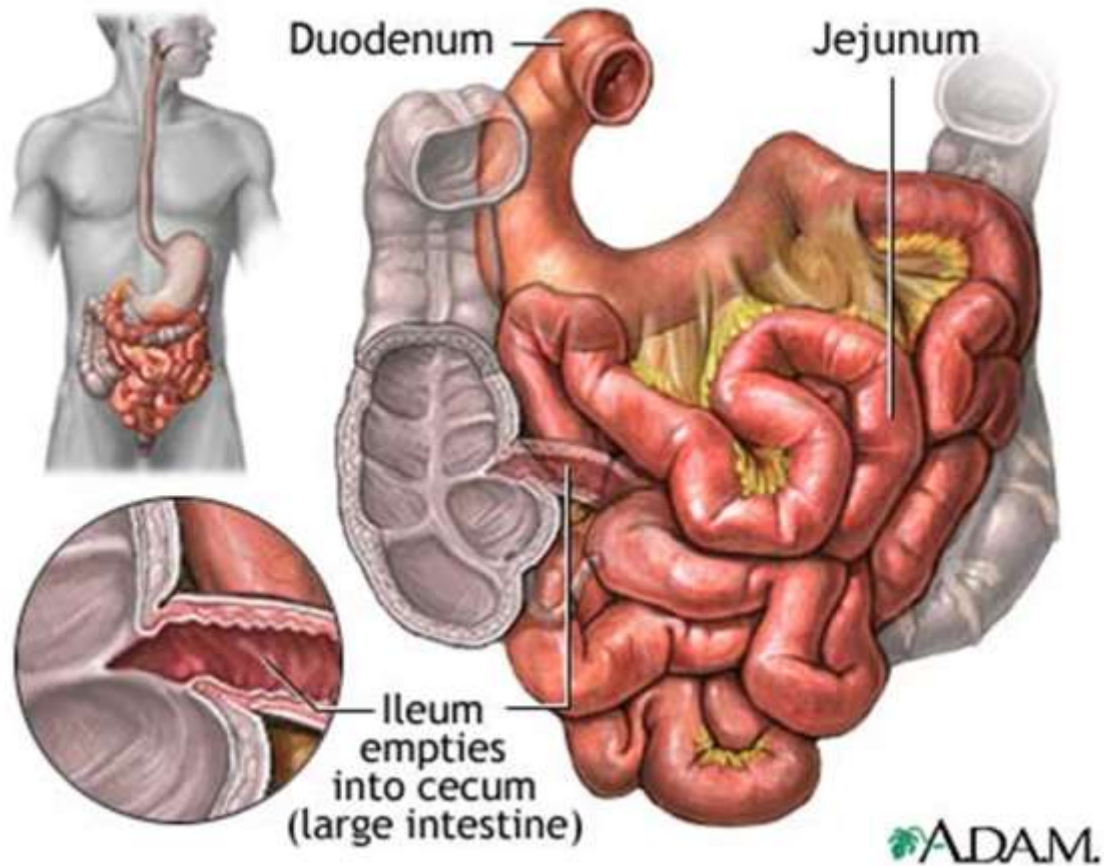
enzymes break food into smaller pieces





1. swallow food
2. travel down esophagus in waves (peristalsis)
3. mushed around in stomach (muscle contractions)
4. liquids from liver and pancreas added
5. chyme passes into small intestine

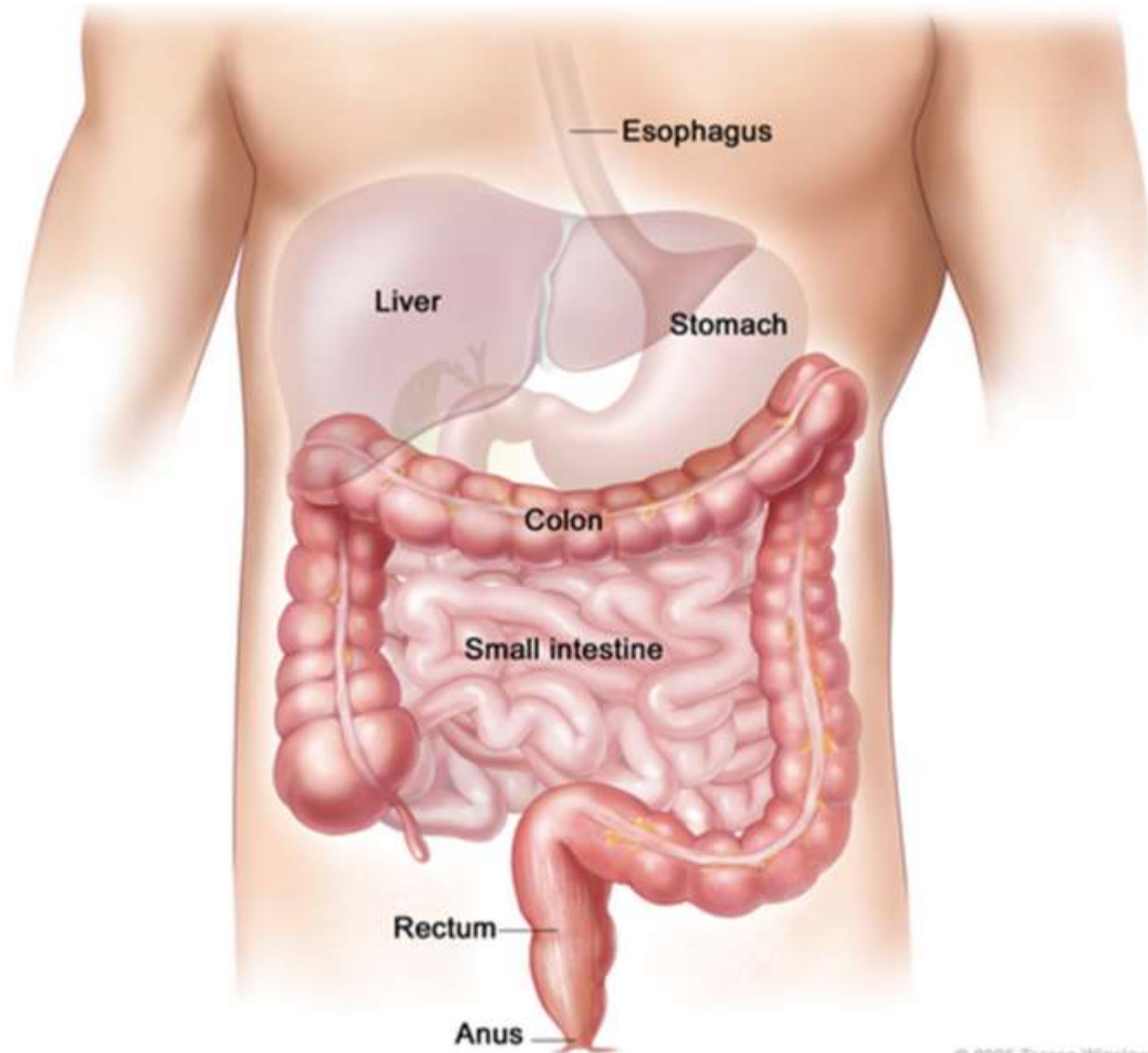
It takes about 10 seconds from the time you swallow for your food to reach your stomach!



Small

- 20 ft. long
- muscles move the food through
- 3 parts- duodenum, jejunum, illium
- villi absorb nutrients
- waste passed to large intestine
- 4-8 hours

Intestines

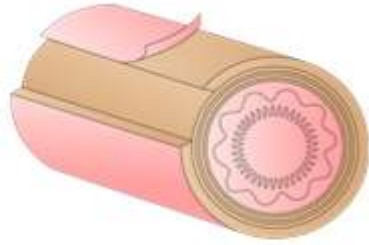


© 2005 Terese Winslow

Intestines

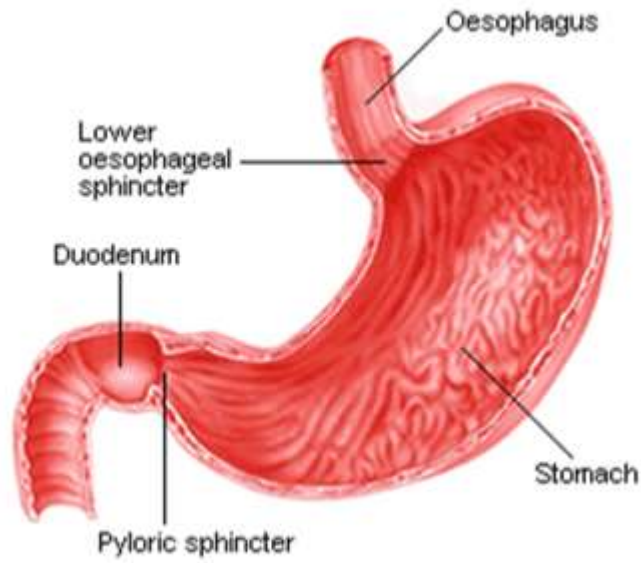
Large

- 5 ft. long
- water taken out
- cecum= 3 inches, digest cellulose
- 10-12 hours

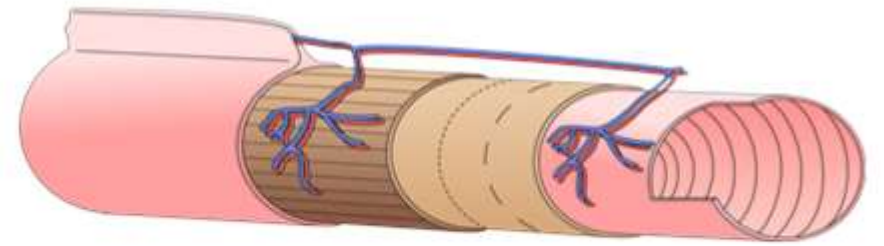


Esophagus

What type of muscle is present here?



Stomach



Small Intestine



Other parts of the digestive system:

liver → makes bile

pancreas

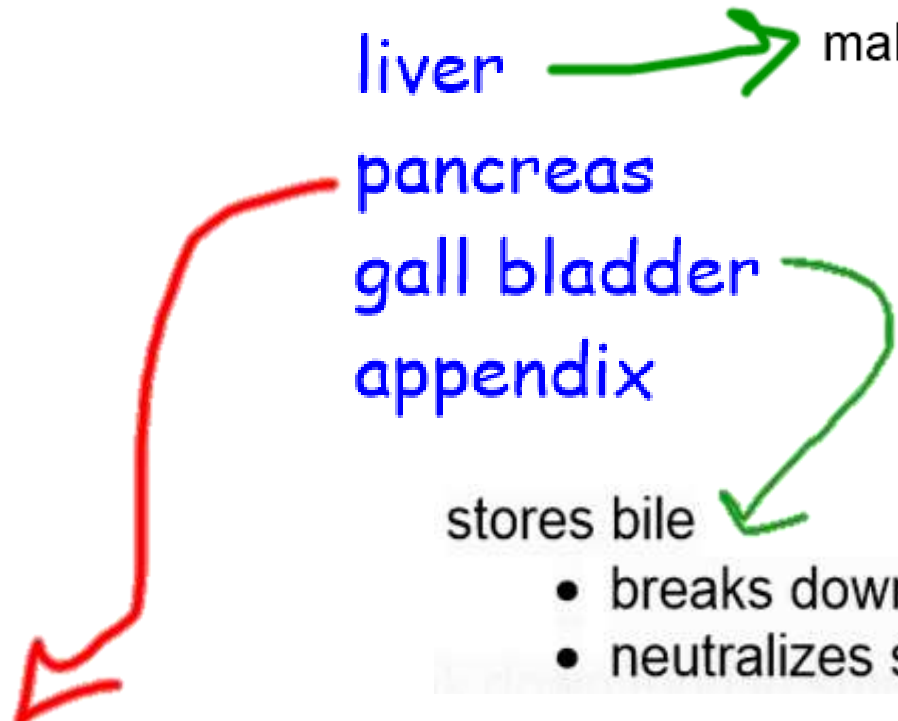
gall bladder

appendix

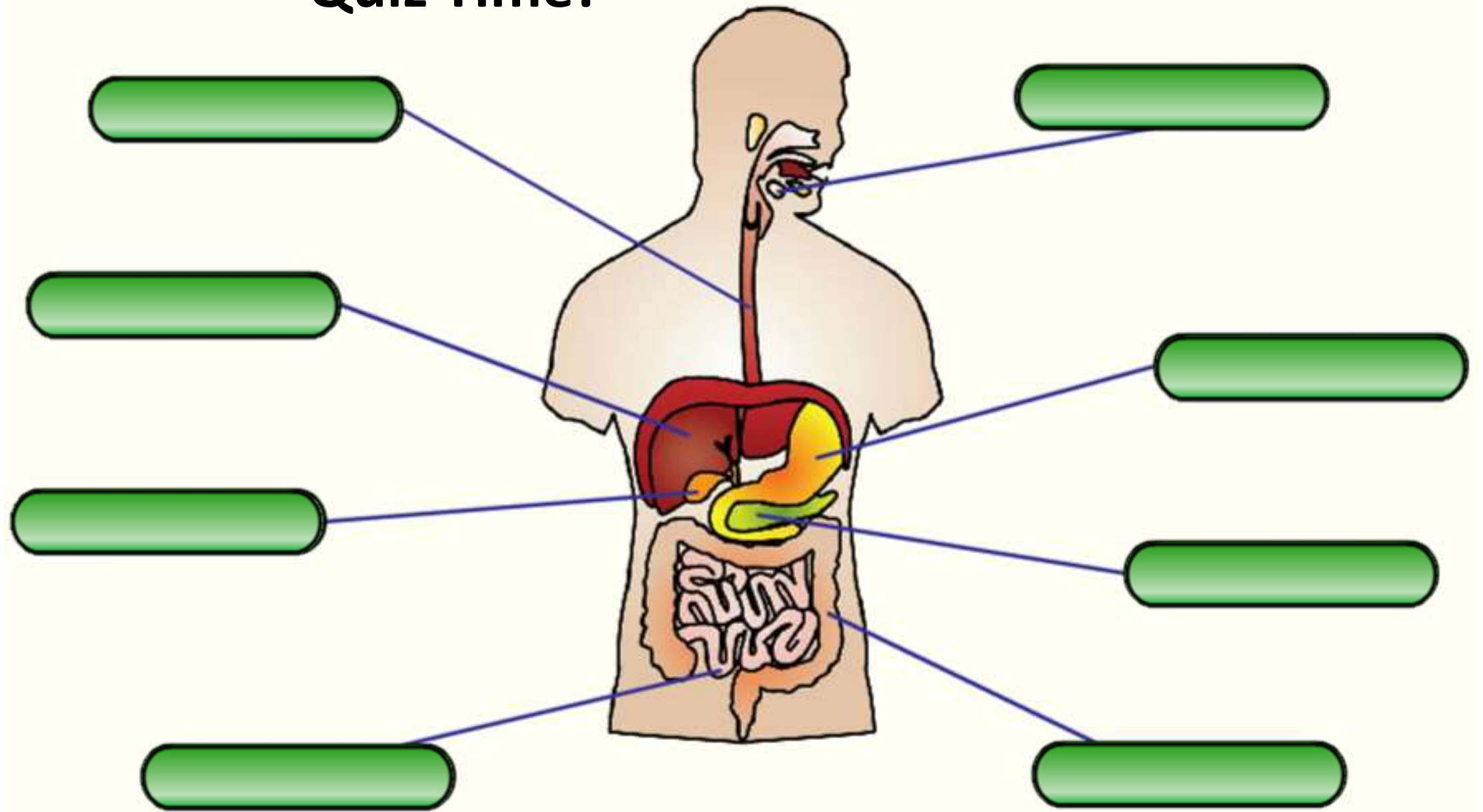
stores bile

- breaks down fats
- neutralizes stomach acid

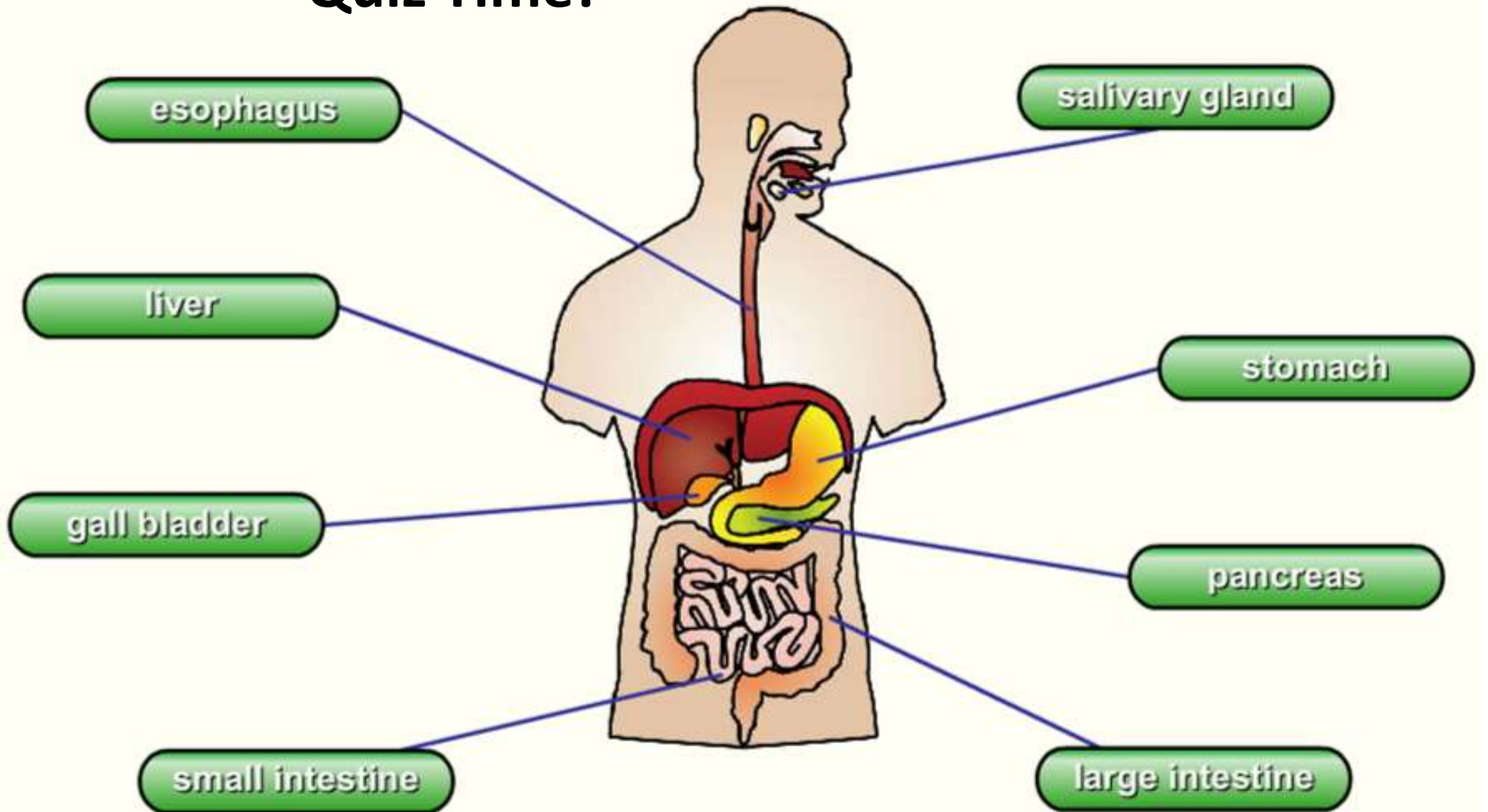
- makes juices to break down food in small intestine
- makes insulin



Quiz Time!



Quiz Time!



Body System	Job	Organs
Digestive System		

Your turn...

Color and cut out the stomach, large intestine, small intestine, pancreas, gall bladder. Then glue them on your body cutout.

Please label the following on your body cutouts:

- stomach
- large intestine
- small intestine
- pancreas
- gall bladder

Label:

- stomach
- large intestine
- small intestine
- pancreas
- gall bladder

