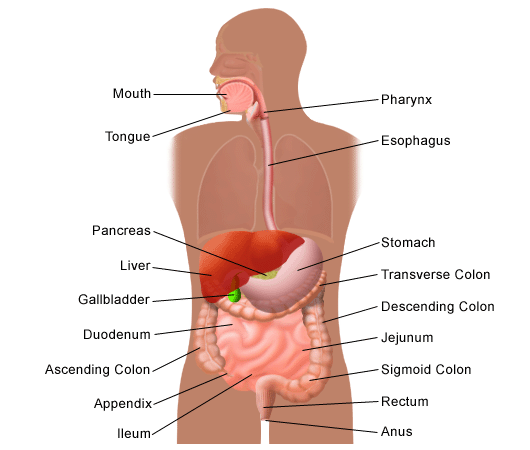
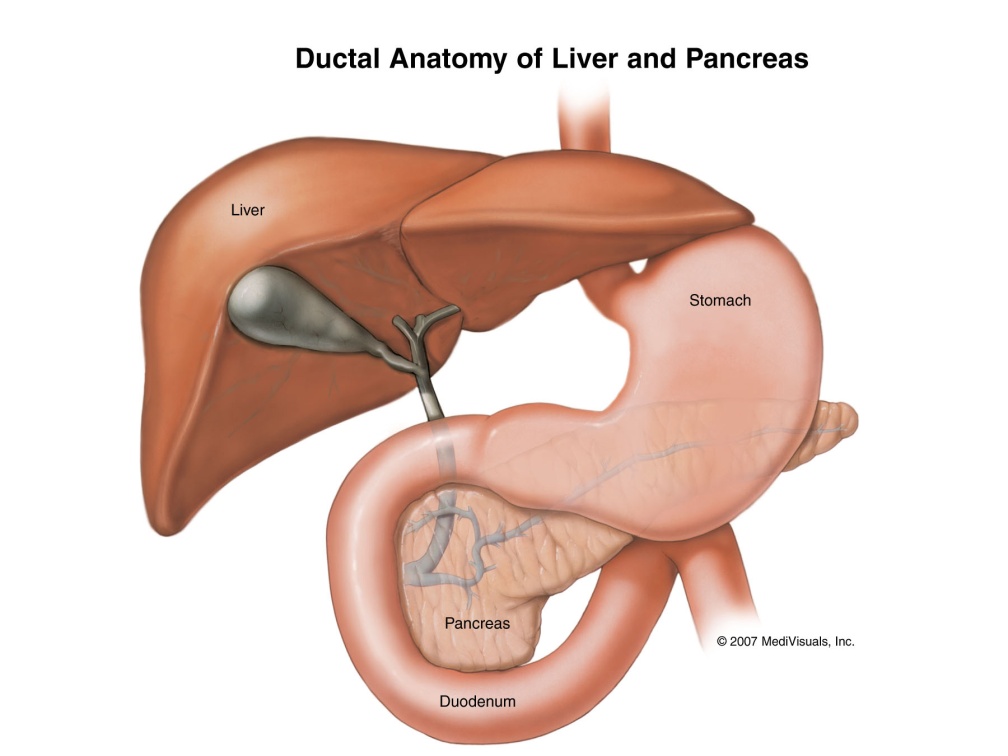
**The Digestive System Notes**

**Function**

* Break down \_\_\_\_\_\_\_\_\_\_\_ taken in to the body
  + \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ digestion
  + \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ digestion
* Absorb \_\_\_\_\_\_\_\_\_\_\_\_\_\_ that has been broken own
* Absorb \_\_\_\_\_\_\_\_\_\_\_\_\_\_ that is taken in to the body
* Eliminate indigestible \_\_\_\_\_\_\_\_\_\_\_\_\_

**Components**

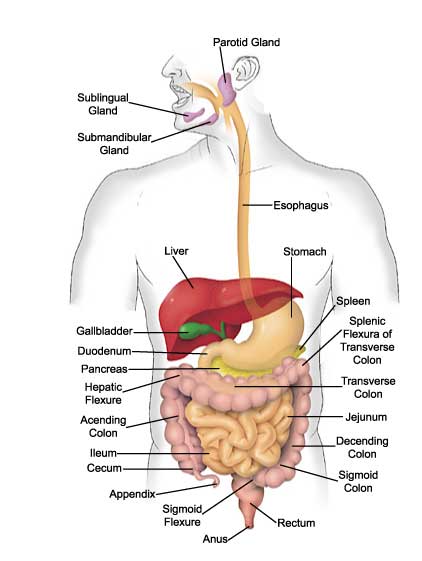
<http://www.argosymedical.com/Digestive/samples/animations/Sherwood%20Swallowing/index.html>

* ­­­­­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
  + \_\_\_\_\_\_\_\_\_\_\_\_\_ – mechanically break down food
  + \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ glands – saliva chemically breaks down food – contains \_\_\_\_\_\_\_\_\_\_\_\_\_ amylase to break down starch
  + \_\_\_\_\_\_\_\_\_\_\_\_ – mixes food with saliva and \_\_\_\_\_\_\_\_\_\_\_\_\_\_ to the pharynx to be swallowed
  + \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ –
    - food passes through the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
    - \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ closes over trachea
    - food enters \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
  + \_\_\_\_\_\_\_\_\_\_ that passes food from the pharynx to the stomach
  + lined with smooth muscle – moves food by waves of contractions called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
  + \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ acid – continue chemical digestion
  + Smooth \_\_\_\_\_\_\_\_\_\_\_\_ of stomach contracts and relaxes to continue \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ digestion
  + It takes 2 – 4 hours for food to pass through the stomach to the small \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
  + \_\_\_\_\_\_\_\_\_\_\_\_\_\_ – lump of food that leaves the stomach
* \_\_\_\_\_\_\_\_\_\_\_ – Works to make \_\_\_\_\_\_\_. Bile is used to break down \_\_\_\_\_\_\_ in the small intestine.
* \_\_\_\_\_\_\_\_\_\_\_\_ Bladder – where bile

is \_\_\_\_\_\_\_\_\_\_\_\_\_ until needed

* Pancreas – secretes enzymes to

continue the chemical digestion of food

* Small \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
  + \_\_\_\_\_\_\_\_\_\_ that leads from the stomach to the large intestine
  + Chemical \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ finishes
  + Minerals and nutrients are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
  + It takes 3 – 6 hours for \_\_\_\_\_\_\_\_\_\_\_\_ to pass through the small intestine
* \_\_\_\_\_\_\_\_\_\_\_\_\_\_ Intestine
  + \_\_\_\_\_\_\_\_\_\_\_\_\_ that connects the small intestine to the anus
  + Remaining \_\_\_\_\_\_\_\_\_\_\_\_ is absorbed from the chyme
* \_\_\_\_\_\_\_\_\_\_\_\_
  + Opening through which \_\_\_\_\_\_\_\_\_\_\_\_\_ is removed from the digestive system
  + It takes 24 – 72 hours for food to move through the entire \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ system

<http://www.argosymedical.com/Digestive/samples/animations/Digestion/>