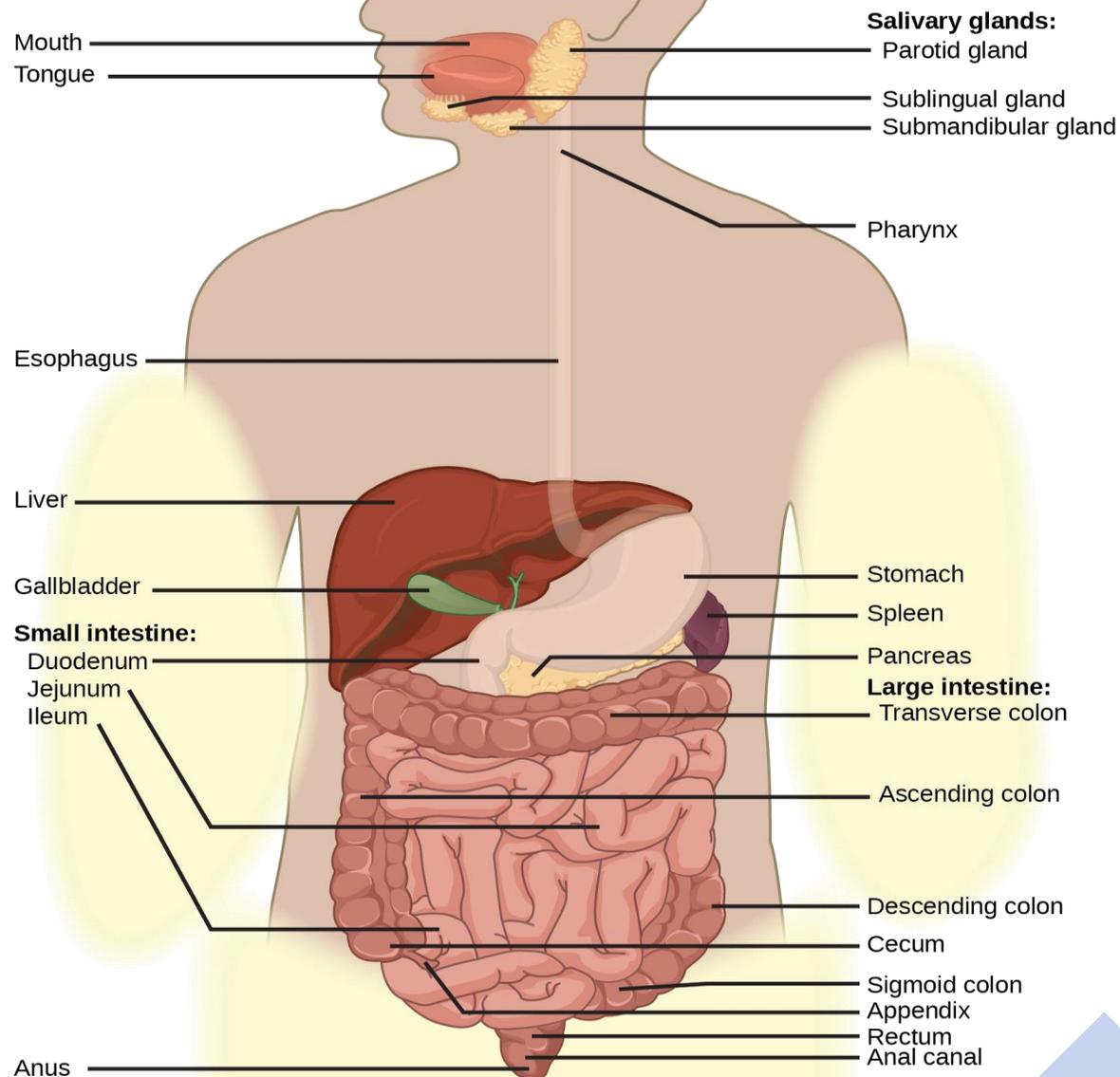


THE DIGESTIVE SYSTEM

BY AVA MONAGHAN

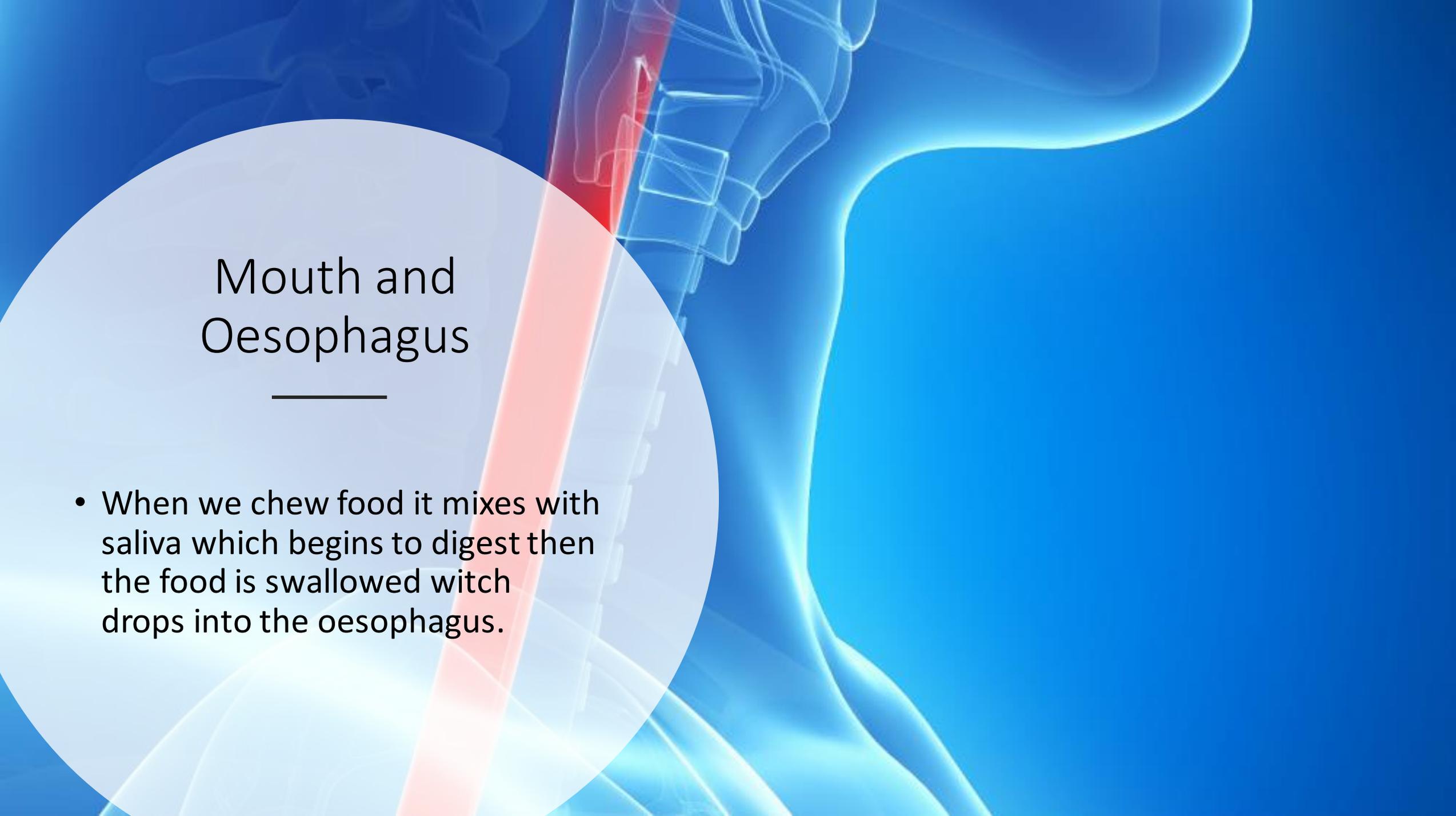


These are the parts of the digestive system

HOW DOES EATING WORK

- When you eat it breaks down food small enough to go through your bloodstream and travels 9m through your gut. It takes 30 to 40 hours in the large intestine. A few hours after eating the stomach sends a signal to the brain which readies the gut for the food. When we have eaten an hormone is released to let the gut know that to put it on standby mode.



An anatomical illustration of the human neck and upper torso, rendered in a semi-transparent blue style. The esophagus is highlighted in a bright red color, running vertically down the center of the neck. The background shows the skeletal structure of the neck, including the vertebrae and the ribcage area. A large, light blue circular area is overlaid on the left side of the image, containing text.

Mouth and Oesophagus

- When we chew food it mixes with saliva which begins to digest then the food is swallowed which drops into the oesophagus.

The Stomach

- Muscular contractions in the oesophagus propel the food into the stomach here it is doused in gastric juices, which turn it into a soapy mixture called chyme.





The Small Intestine

- In the small intestine the chyme is broken down further , thanks to enzymes supplied by pancreas and bile produced by the liver. Most of foods nutrients and absorbed.

The Large Intestine

- Most of the water from the food is absorbed in this last section of the gut, along with a few final nutrients. At the same time, the indigestible parts of food are pressed into faeces and sorted for removal.

