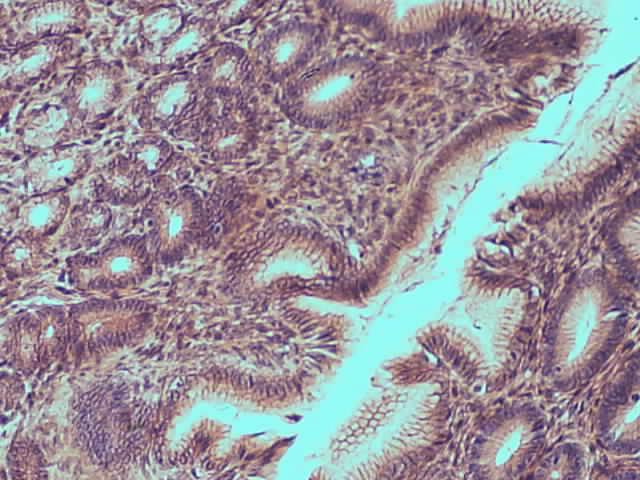
**Practical Histology 2st stage Digestive system Lec.3**

Lec.1



**pyloric region of the stomach**

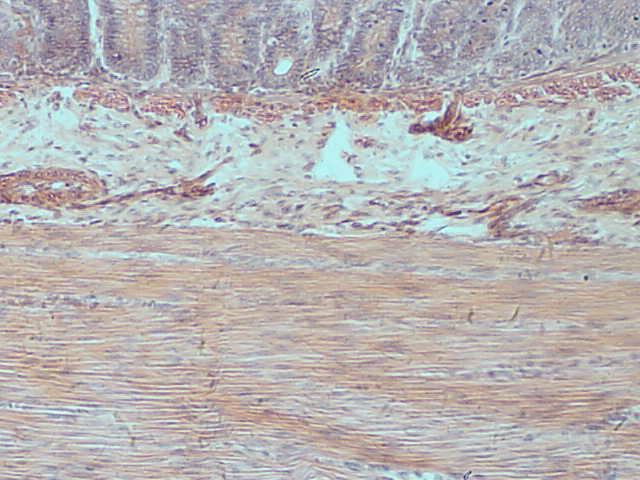
a-Mucosa the epithelium is simple columnar the gastric pits extend into the mucosa ,pyloric glands open into the bottom of gastric pits this glands called tubular glands (mucus secretion) .

b-lamina propria :contains diffuse lymphatic tissue and lymphatic nodules.

c-muscular mucosa: individual smooth fibers.

d-sub mucosa :is the dense irregular connective tissue ,blood vessels ,arterioles, and venule.

c-serosa:

in pyloric gland cells producing mucus these cells also secret an enzyme called lysozyme that destroyed bacteria in the stomach.

**Small intestine**

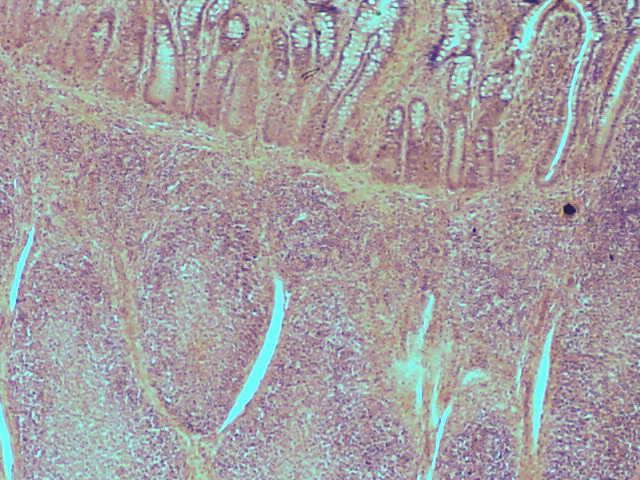
Jejunum:

a-mucosa :there are villi lined by simple

columnar epithelium with a brush border ,between the columnar cell are the mucosa filled (goblet cell) .This located in the lamina propria between the villi are the intestinal gland .

**Practical Histology 1st stage Digestive system Lec.3**

Lec.1

Ileum:

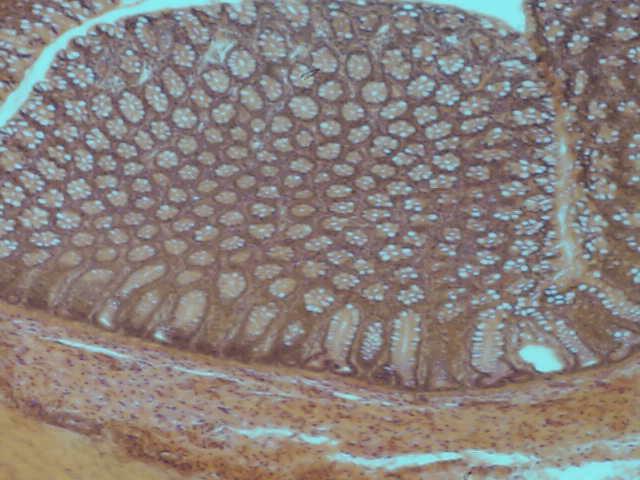
mucosa :Simple columnar epithelium with villi and intestinal gland .

lamina propria :aggregation of the lymphatic nodules (Peyers patches).

Muscularis externa: inner circular, outer longitudinal.

**Large intestine**

Colon:

mucosa :Simple columnar epithelium

contain goblet cells which increase in

number toward the terminal end of

colon.(The villi are absent)

lamina propria :presence the intestinal gland.

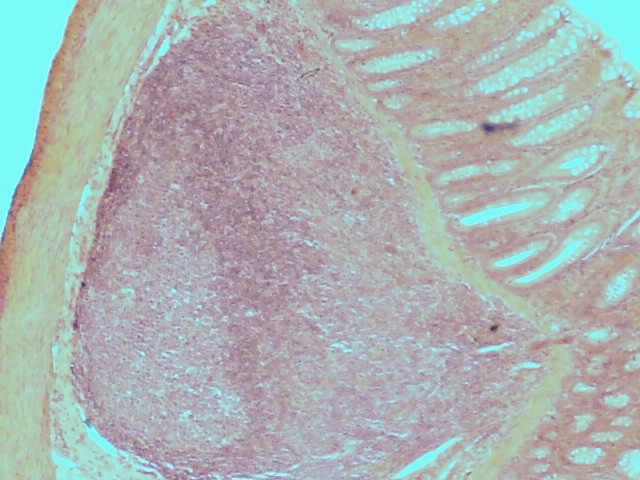
muscular mucosa: Its percent.

Muscularis externa: inner circular,

outer longitudinal.

**Practical Histology 2st stage Digestive system Lec.3**

Lec.1

Appendix:

mucosa :Simple columnar epithelium

contain goblet cells.

lamina propria: presence Intestinal gland and diffused lymphatic tissue ,presence

the lymphatic nodules that originated

in the lamina propria and may extend from surface epithelia to the sub mucosa .

muscular mucosa: Its percent.

Muscularis externa: inner circular,

outer longitudinal (myenteric plexus between inner layer).

Serosa: A deposit cells.