

LARGE INTESTINE HISTOLOGY

ANATOMICAL LAYER

KEY HISTOLOGICAL FEATURES

Mucosa

- Simple columnar epithelium
- Abundant Goblet cells (lubrication)
- Crypts of Lieberkühn (no villi)
- Lamina propria with lymphoid nodules

Submucosa

- Dense irregular connective tissue
- Meissner's (Submucosal) plexus
- Rich vascular and lymphatic supply

Muscularis Externa

- Inner circular layer
- Outer longitudinal layer (Teniae coli)
- Auerbach's (Myenteric) plexus

Serosa / Adventitia

- Simple squamous mesothelium
- Omental appendices (fatty projections)
- Adventitia present in retroperitoneal areas

OBSERVATION NOTES