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#### Data base of Histology Color slides

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### 10

# Digestive system 2 Esophagus X Stomach





## 10-001 Esophagus

Outer longitudinal Inner circular

Muscle layer

Mucous membrane

Tela submucosa

10-02. Esophagus, transverse section 1. General view. Human, H-E stain, x 1.9.



### -Epithelium

- Lamina propria
- Lamina muscularis mucosae Esophageal gland Tela submucosa 10-03. Esophagus, transverse section 2. Human, H-E stain, x 10.





Epithelium

Lamina muscularis mucosae

Esophageal gland

10-04. Esophagus, longitudinal section 1. Human, H-E stain, x 10.





Lamina muscularis mucosae 10-05. Esophagus, longitudinal section 2. Human, H-E stain, x 25.



10-06. Esophagus, Auerbach's plexus 1. Monkey, H-E stain, x 30.



10-07. Esophagus, Auerbach' plexus 2. Monkey, H-E stain, x 160.



### 10-002 Stomach



10-08. Cardia 1, general view. Monkey, H-E stain, x 3.



10-09. Cardia 2. Sudden change of epithelium. Monkey, H-E stain, x 10.



10-10. Cardia 3. Sudden change of epithelium.Monkey, H-E stain, x 25.





10-11. Cardiac gland. Monkey, H-E stain, x 65.



10-12. Wall of stomach body. General view. Human, H-E stain, x 2.7.



10-13. Mucous membrane of stomach body 1. Human, H-E stain, x 25.





10-14. Mucous membrane of stomach body 2. Human, H-E stain,

x 30.





10-15. Epithelium and gastric pits 1. Human, H-E stain, x 100.



10-16. Epithelium & gastric pits 2. Human, H-E stain, x 130.





10-17. Gastric epithelium. Human, mucicarmine and hematoxylin stain, x 100.





10-18. Mucous membrane of stomach body, showing the whole length of stomach (fundus) glands. Human, H-E stain, x 25.

Lamina muscularis mucosae





10-19. Fundus glands, neck 1. Human, H-E stain,

x 64.





10-20. Fundus glands, base (bottom) 1. Human, H-E stain, x 64.

Lamina muscularis mucosae





Parietal cells

Mucous neck cell

> 10-21. Fundus glands, neck 2. Human, H-E stain, x 160.









### Parietal cells

10-23. Fundus glands, neck 3. Human, H-E stain, x 160.





10-24. Fundus glands, bottom 3. Human, H-E stain, x 400.



cell



Parietal cells

10-25. Fundus glands, bottom 4. Monkey, H-E stain, x 160.



muscle

fibers



Chief cells

10-26. Fundus gland. Bottom 5. Monkey, H-E stain, x 400.

Parietal cell



10-27. Wall of Pars pylorica, general view. Human, H-E stain, x 2.



10-28. Mucous membrane of pars pylorica. Human, H-E stain, x 30.





10-29. Pyloric glands. Monkey, H-E stain, x 25.

Lamina muscularis mocosae



10-30. Mucous membrane and glands in stomach and intestine