

Veterinary Bioscience: Digestive System



LECTURE 15 INTESTINES OF THE DOG AND CAT

LECTURER

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INTENDED LEARNING OUTCOMES

At the end of this lecture, you should be able to:

- Describe the gross anatomy of the small and large intestines of the dog and cat, including their course and position in the body and relationships to other organs.
- Describe the gross anatomy of the anal canal and the clinical importance of the anal sacs.
- Describe the gross anatomy of the pancreas of the dog and cat.

KEY WORDS

Intestines; duodenum; jejunum; ileum; caecum; colon; rectum; anus; anal sphincter; anal sacs; mesenteric arteries.

LECTURE OVERVIEW

This lecture will examine the gross anatomy of the small and large intestines of the dog and cat. The different segments that will be discussed include the duodenum, jejunum, ileum, caecum, colon and rectum. Their course and position within the abdominal cavity and relationships to other organs, as well as their vascular and nervous supply will be outlined. The clinical importance of the anal sacs in these species will be discussed.

FURTHER READING

Singh: *Dyce, Sack & Wensing's Textbook of Veterinary Anatomy*, 5th Ed. Elsevier, 2018.

Boyd: *Color Atlas of Clinical Anatomy of the Dog and Cat*, 2nd Ed. Mosby, 2001.

Hermanson & de Lahunta: *Miller and Evans' Anatomy of the Dog*, 5th Ed. Elsevier, 2020.

Smallwood: *A Guided Tour of Veterinary Anatomy*, Saunders, 1992.