

From Zero to Pharm: Curriculum Development on the Fly!

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2023-AUG-05 AVTE 2023 Annual Conference



**DALHOUSIE
UNIVERSITY**

Who Am I?



AHT Grad 2007

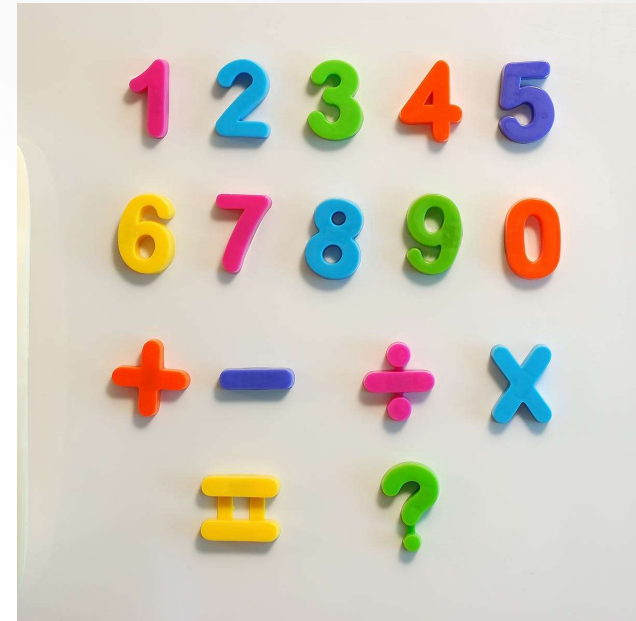


Small animal RVT 2007-2015



Instructor
Dal Ag
Campus
2015 -
present

My Fave Topics to Teach



New Fave?



Goals

- Today you will:
 - Collaborate to create plans for curriculum delivery for a pharmacology course
 - Assess your own ability to create and implement course changes on a short timeline
 - Collect ideas from other groups to add to your repertoire of classroom engagement activities

Context

- 2 Year Diploma in Veterinary Technology
- Course is in Fall of 2nd year
- 5 hours of lecture/week (60 hr total)
- “Introduction to Pharmacology” completed in Winter of 1st year
- Clinical calculations are covered elsewhere



- Assigned the course in July 2022 with first delivery September 2022
- Plan: Have September content ready by end of August, play the rest by ear 😊
- Reality: Have Week 1 content ready by Week 1, play the rest by ear 😞

Learning Objectives

1. Describe various drug groups, type, effects, activities, side effects, toxicities, contra-indications, availability and dosing information
2. Understand the technician's role in the preparation and dispensing of drugs in the veterinary hospital or clinic.
3. Describe indications for the use of specific drugs
4. Understand the drug's method of action - how the drug works and the anticipated response to drug therapy.
5. Catalogue / Classify drugs based on their indication and activity.

Text: Applied Pharmacology for Veterinary Technicians, 6th Ed, Martini-Johnson

Delivery

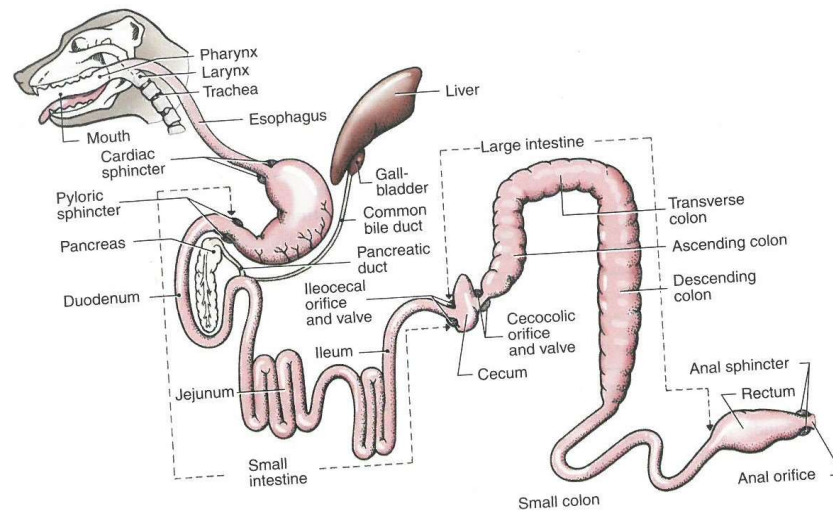
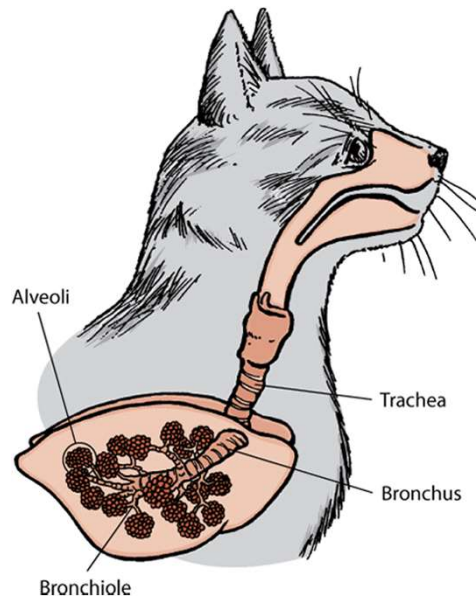
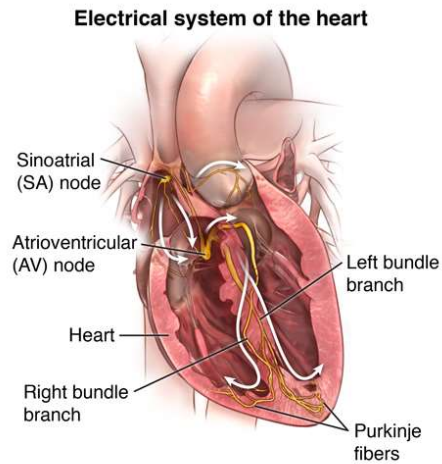
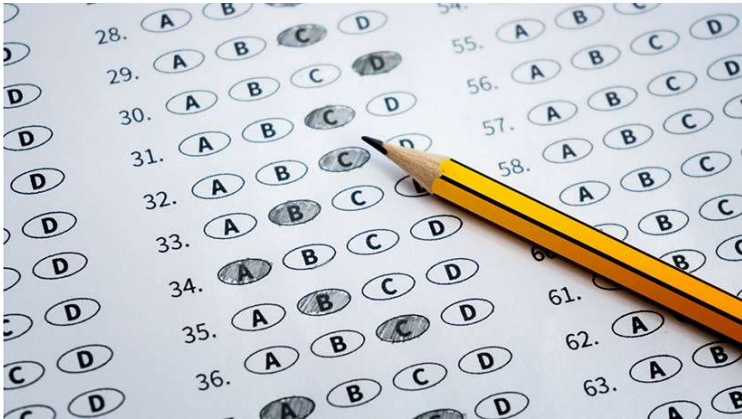


Fig. 8.1 The monogastric gastrointestinal system.

Classroom Activities



Assessments



Sell A Drug!

- Huge Thanks to Kimberly Focht for her inspiration for this assignment!



Let's Get to Work!

- Each group will be provided a topic in pharmacology
- Your mission:
 - Plan your classroom delivery of the topic – how many lecture hours? What format?
 - Plan at least one engagement activity/hour of content delivery (so 3 hours = 3 activities)
 - Plan your assessment of this topic

Now Share



[Padlet link](#)

Tadaa!



Special Thanks

- Jim Hurrell
- Jennifer Serling
- Kimberly Focht
- Everyone at AVTE – Members Only on Facebook





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