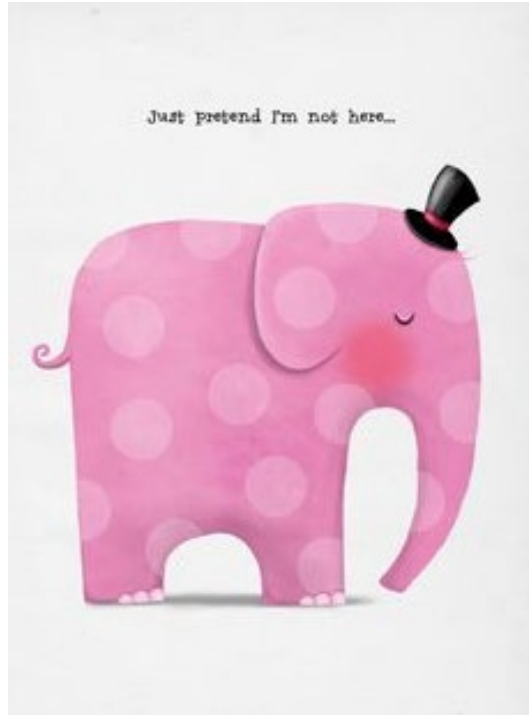




# Benji the Dog

Case Study 3  
Wrap-up Session  
April 27, 2023

Before we begin...



Review of MST during Week 10 case study



## Key learning outcomes

- Describe general approach to a dog presenting with vomiting
- Highlighting veterinary communication skills
- Understanding of normal pancreatic physiology and application of this to describe expected clinical presentation with pancreatic disease
- Deduce potential sequelae to pancreatic disease



# Communication



- What were some examples of poor communication?
- What were some examples of good communication?

# Terminology

- Note that clinical references will often use the umbrella term '*pancreatitis*' to describe a spectrum of disease affecting the pancreas.
- However, as outlined in your pathology lecture notes, the term '*acute pancreatic necrosis*' is most appropriate to describe the type of pancreatic disease detailed in the case of Benji the Dog.

# Mechanisms to prevent autodigestion

1. Storage of pro-enzymes in zymogen granules (acinar cells)
2. Activation of trypsin requires enterokinase (duodenum)
3. Trypsin inhibitors (acinar cells, serum)
4. Sphincter to prevent reflux

# Flow diagram

# Case Study Quiz

- Canvas Quiz
  - Released this afternoon (April 27)
  - Complete by 11:59pm on Monday 1 May
- Contributes 3.75% to overall Digestive System grade