



FACULTY OF
VETERINARY &
AGRICULTURAL
SCIENCES



A Pain in the Gut

Wrap-Up Session

May 25, 2023

Horse with colic



- Ring any bells?
- Clinical illustration of fluid balance, enterosystemic circulation
- Ileus – functional obstruction
- Compare with strangulating lipoma from lecture
 - What was similar? What was different?

Physical examination

Parameter	Findings	Normal
Body weight kg	531	
Temperature °C	40.2	36.9-38.3
Pulse	94	28-40
Respiration	24	8-16
Mucous membrane colour	Dark pink with a cyanotic tinge	Pink
Capillary refill time s	4	<2
Thoracic examination	NAD	NAD (no abnormalities detected)
Abdominal auscultation	Gut sounds absent all 4 quadrants	Regular gut sounds including one ileocaecal valve sound every minute
Rectal examination	Distended fluid filled loops of small intestine palpable	
Passage of stomach tube	6 litres of fetid, brown fluid refluxed spontaneously	

Prompted referral – why?

Further diagnostics

Baseline blood work

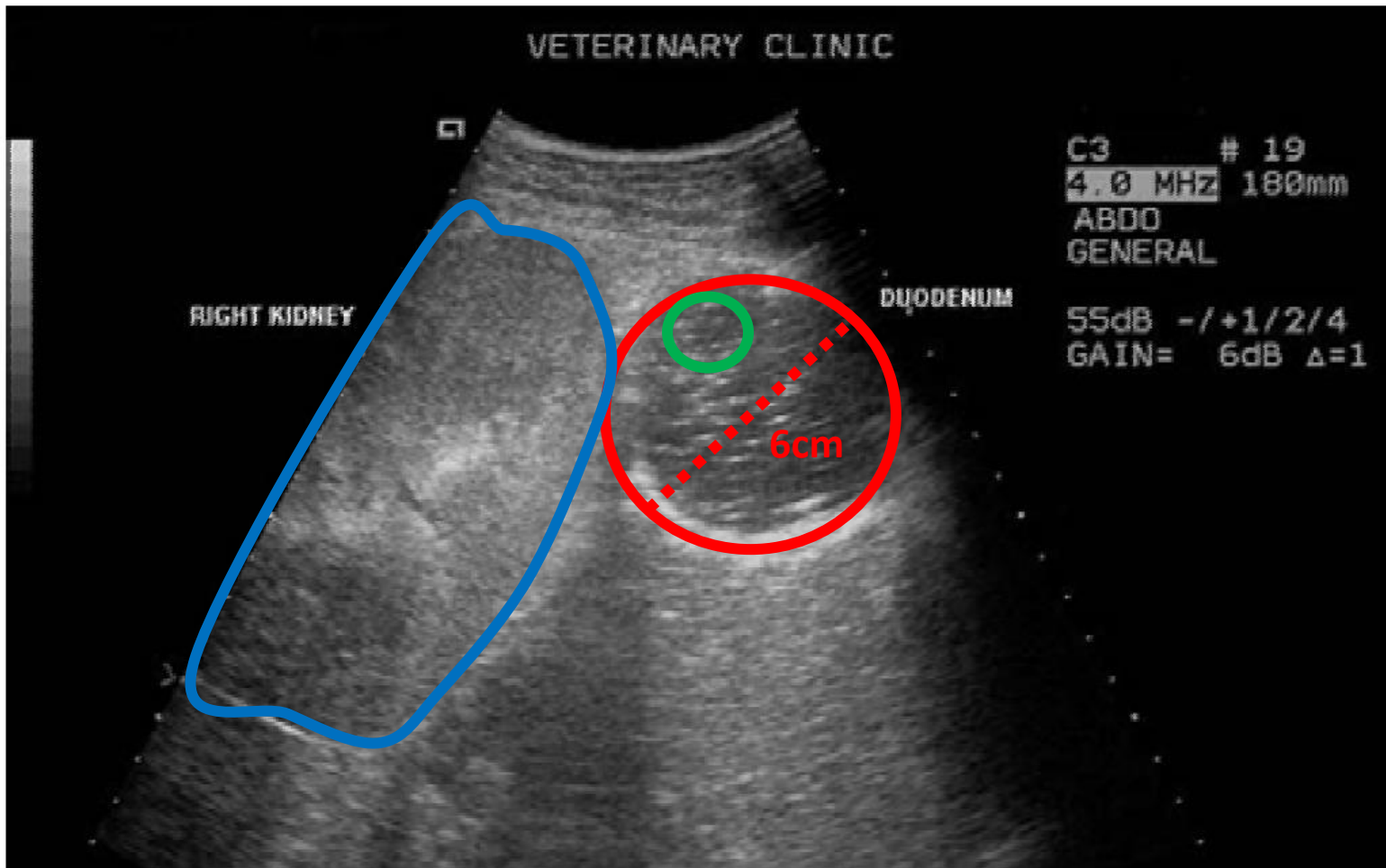
Parameter	Result	Reference Range
PCV l/l	0.58	0.32-0.50
Total Protein g/l	85	60-80
Lactate mmol/l	1.2	<2.5
Na mmol/l	137	133-147
K mmol/l	4.1	2.8-4.7
Cl mmol/l	101	97-110

Peritoneal fluid sample analysis

Parameter	Result	Reference Range
Nucleated cell count x 10 ⁹ /l	6.8	<10
Protein g/l	47	<25
Lactate mmol/l	1.2	<2.5
Cytology: Red blood cells are present but there is no erythrophagocytosis, which suggests haemorrhage is recent, possibly acquired at the time of collection. Nucleated cells > 90% neutrophils and <10% macrophages. Good cell morphology (no toxic changes). No bacteria seen.		

Further diagnostics

Abdominal ultrasound



Final thoughts

- Where is the hay net?

Rabbit case

- Dr Lizzie Selby from The Rabbit Doctors
- Primary vs secondary dental malocclusion
- Gut stasis



Final Case Study Quiz

- MCQ quiz in Canvas
- Open until 11:59pm on Monday May 29
- 3.75% subject grade


Also:

- Flow diagram assignment (graduate students) marks and feedback available early next week

General exam period preparation

- Read exams website carefully
 - Computer requirements
 - Software downloads
 - Authorised materials
- Read exam timetable carefully
 - Time
 - Venue
- Ask questions early

Exam dates and timetable



[Exam dates](#)
Find out when your exam timetable will be available and when exams will be held.

[Exam timetable](#)
How to access your timetable.

Exam formats




[On-campus written exams](#)
Information about how your on-campus written exam will run, including venue details, what to bring, and what to expect on the day.

[On-campus digital exams](#)
Find out how your on-campus digital (Cadmus or LMS Classroom) exam will run, including how to prepare, venue details, and what to expect on the day.

[Online unsupervised open-book exams](#)
Advice for sitting your online unsupervised open-book exam, which can be taken online at your preferred location.

Required exam preparation



[Laptop preparation \(on-campus exams\)](#)
You must set up your device at least a week before the exam. Here's how.

[Pre-exam day checklist \(on-campus exams\)](#)
For on-campus exams, make sure you have completed these necessary preparation steps.

[Pre-exam day checklist \(online unsupervised\)](#)
For off-campus exams, complete this checklist in advance to ensure you can take the exam successfully.

Digestive System Exam

- Thursday June 8 in Wilson Hall
- Canvas Quiz – just like MST
- Closed book. No electronic or hardcopy notes allowed.
- 2 hours + 15 minutes
 - 120 marks
- 3 sections (like MST):
 - Section A – MCQ: 24 questions / 36 marks (i.e. 1.5 marks/question)
 - Section B – Short-answer: 18 questions / 57 marks
 - Section C – Clinical scenario: 6 questions / 27 marks

Exam Preparation

- Review MST
 - Canvas Quiz is open
 - Additional written feedback document
 - Email me
- 'Exam information' module in Canvas
 - Exam format
 - Additional practice questions
- Think about what the clinical scenario might be:
 - Finite options
 - Common presentations