

Clinical Competency Exercise

Introduction to Companion Avian Medicine VCSP 635

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Course Organizer

Clinical Competency Outcomes Assessment

As mandated by the AVMA, course organizers have been directed to include in all courses throughout your four years a method for assessing your clinical competency. To this effect, this course will include an optional exercise which will serve as an opportunity for you to prove your clinical abilities when it comes to companion avian medicine. This exercise is NOT a part of your final grade or completion of this course and is OPTIONAL

What follows is a real-life case (the names have been changed to protect the innocent). You will be given the case history, bloodwork and radiographs. In order to meet the requirements of this exercise, you will have to work through the entire case and answer questions regarding differentials for this presentation and radiographic interpretation.

This case will be available from December 12-January 30th, so you may complete it in that time period. Once you are done, you will receive an email from the course organizer that you successfully completed the exercise. Please keep a copy of this email in your CCOA log.

Ready for the case?



6 year old male DNA-sexed Scarlet Macaw

- P/C: Regurgitating and change in color of droppings
- L/N: 5 days ago
- Prog: Bird was boarded 2 weeks prior at a local pet store next to a cage of cockatiels. A week ago seemed less interested in food and 5 days ago started regurgitating after eating. Owner also noticed that droppings looked greener than normal. Husbandry is good – bird in large, well-ventilated cage, on 75% pellets, vegetables and fruit. No other birds in the household.
- Systems: no C+/S+/ D+
- Meds: none other than vitamins in the water

Complete Blood Cell Count

(normal parameters for our lab in parentheses)

- tWBC: $75.2 \times 10^3 \mu/L$ ($4-10 \times 10^3 \mu/L$)
- PCV: 43 (42-55%)
- Heterophils: $62.42 \times 10^3 \mu/L$ (45-80%)
- Lymphocytes: $3.01 \times 10^3 \mu/L$ (18-50%)
- Monocytes $9.02 \times 10^3 \mu/L$ (1-3%)
- Eosinophils $0.75 \times 10^3 \mu/L$ (0-2%)

Chemistry Screen

(normal parameters for our lab in parentheses)

- TP 4.5 g/dL (3.0-5.5 g/dL)
- Alb 2.1 g/dL (1.9-3.2 g/dL)
- AST 672 U/L (20-350 U/L)
- CPK 859 U/L (50-400 U/L)
- Calcium 10.5 mg/dL (7.6-12.0 mg/dL)
- Sodium 151 mmol/L (140-160 mmol/L)
- Potassium 3.2 mmol/L (3.0-5.5 mmol/L)
- Glucose 421 mg/dL (180-350 mg/dL)
- Bile acids 231 μ moles/L (20-100 μ moles/L)
- Uric acid 7.6 mg/DL (2-10 mg/dL)

Lateral Survey



FRY, CAESAR
804958
DOB: 1/1/1980 Sex:

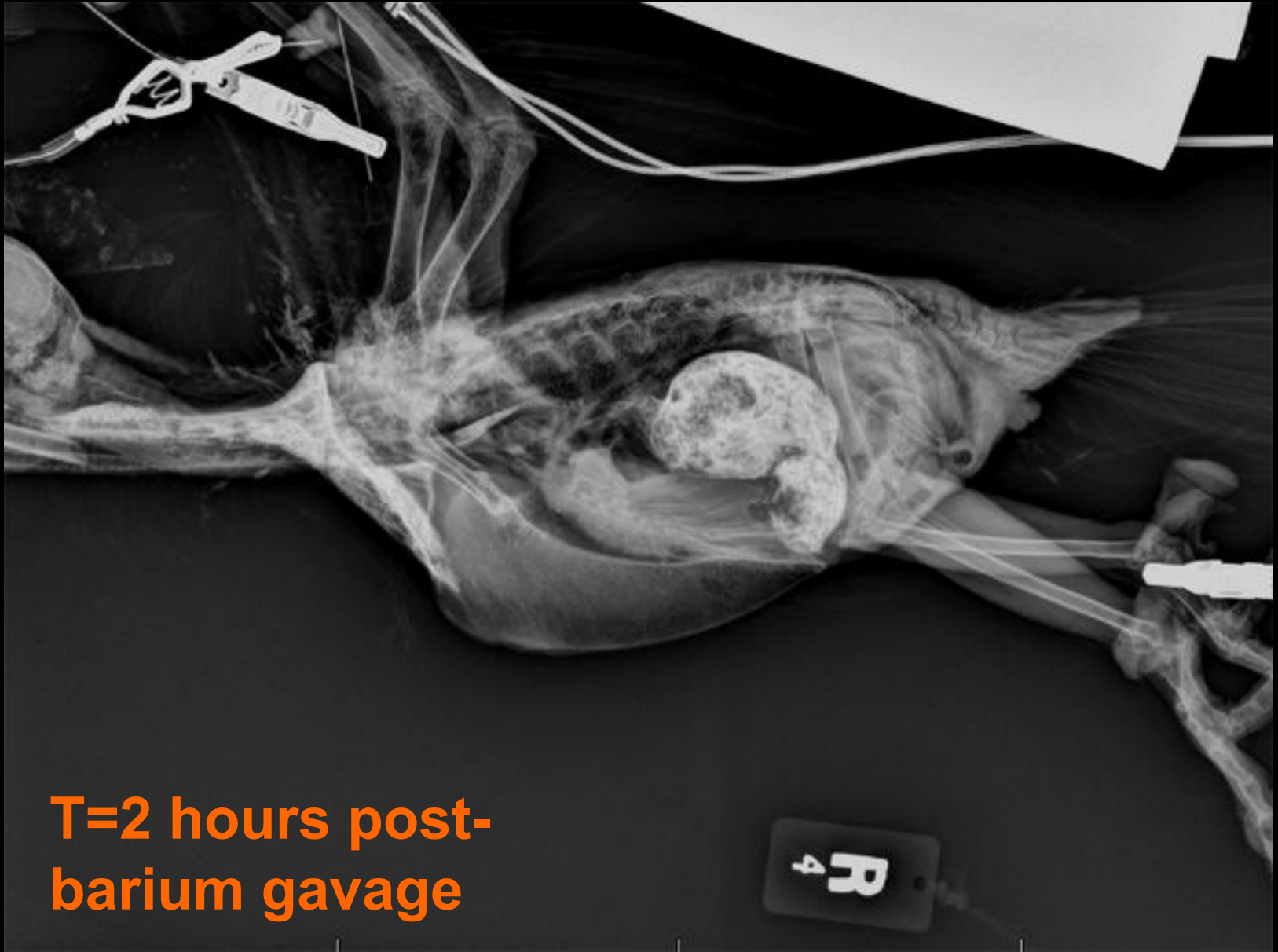
U OF PENN VETERINARY HOSP
SA, SPECIAL SPECIES WHOLE BODY
1/24/2008 14:20:10



VD Survey

Image #1/1

Lateral Contrast



**T=2 hours post-
barium gavage**

VD Contrast

**T=2 hours post-
barium gavage**

