**Infectious Diseases of Psittacines**

-       Bornaviruses in Birds, Chapter 65— Fowler’s Zoo and Wild Animal Medicine, 9th edition.

What is the historic gold standard for diagnosis of PDD in a live bird?

What are two current diagnostic tests for this disease in birds?

**Anseriformes**

-       Anseriformes, Chapter 16—Fowler’s Zoo and Wildlife Animal Medicine, 8th edition.

Describe how you would pinion a 2-day old duckling. (include specific anatomic sites)

What is the etiologic agent of avian cholera?

**Mycobacteria**

-       Fitzgerald, S. D., and J. B. Kaneene. "Wildlife reservoirs of bovine tuberculosis worldwide: hosts, pathology, surveillance, and control." *Veterinary pathology* 50.3 (2013): 488-499.

Name a wildlife reservoir host for bovine tuberculosis in the following regions:

1.    North America:

2.    UK:

3.    Spain:

4.    New Zealand:

**Invertebrates**

-       Marnell, Cinthia. "Tarantula and Hermit Crab Emergency Care." *The Veterinary Clinics of North America. Exotic Animal Practice* 19.2 (2016): 627-646.

What is the most common cause of alopecia in captive tarantulas?

You are presented with a tarantula that has recently lost a limb due to trauma and is hemorrhaging from the site.  What treatment would you recommend?

**Suidae, Tayassuidae, Hippos**

-       Suidae and Tayassuidae, Chapter 58—Fowler’s Zoo and Wildlife Animal Medicine, 8th edition.

Why are exotic swine species prone to hyperthermia during anesthesia?

Why is intubation challenging in suids?

**Aquatic parasites**

-       Techniques for addressing parasites in saltwater aquariums, Chapter 47—Fowler’s Zoo and Wild Animal Medicine, 9th edition.

Why do praziquantel and formalin treatments both degrade significantly when applied to saltwater aquariums?

How would you diagnose a suspected *Eimeria southwelli* infection in a captive Cownose ray?

**Aquatic emerging diseases**

-       McDermott, Colin, and Brian Palmeiro. "Updates on Selected Emerging Infectious Diseases of Ornamental Fish." *Veterinary Clinics: Exotic Animal Practice* 23.2 (2020): 413-428.

What is considered the most sensitive diagnostic modality for Cyprinid herpesvirus 3?

What disinfectant has been shown to be extremely effective against Erysipelothrix?

**Felids**

-       Felidae, Chapter 47—Fowler’s Zoo and Wildlife Animal Medicine, 8th edition.

Sudden arousal from anesthesia has been reported in large cats when administered which anesthetic drug(s)?

You have diagnosed an oral papilloma in a snow leopard.  What treatment would you recommend and why?

**Clinical pathology**

-       Cray, Carolyn. "Reference intervals in avian and exotic hematology." *Veterinary Clinics: Exotic Animal Practice* 18.1 (2015): 105-116.

List five patient demographics that could influence reference interval generation.

List five preanalytical and analytical procedures that could influence reference interval generation.

**Crocodilia**

-       Medical Evaluation of Crocodilians – Chapter 59, Fowler’s Zoo and Wild Animal Medicine, 9th edition.

There is significant mortality in a group of juvenile captive crocodiles, whose clinical signs include bilateral panophthalmitis.  Name three infectious diseases that could lead to this presentation.

What is the steatotheca of a crocodilian?

**Students have to read 8 out of 10 assignments and answer the questions provided for that assignment.**