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Final Report

██████████
TUFTS WILDLIFE CLINIC
200 WESTBORO RD
NO GRAFTON , MA 01536

UNH Case#: ██████████
Date Received: 02/27/15
Owner: ██████████
Case Id: ██████████
Species: Bald Eagle

Pathology Report

Specimen:

Formalin fixed tissues are submitted from a ~ 2 year old male bald eagle (*Haliaeetus leucocephalus* ██████████).

Histopathology:

Slides A – CL Tissue (probable freezing) artefact is prominent and autolysis is moderate to marked.

Heart: A single cyst containing numerous small elongate ovoid bodies (compatible with *Sarcocystis*) is present within a cardiomyocytes. Fibrinoid deposits and haphazardly arranged fibroblasts are present in the intima media of rare arteries in the epicardium. The lumina of the vessels are narrowed and the intimal cells are reactive/hypertrophic.

Lung: There is mild to moderate congestion of the vasculature.

Liver, 2 sections: Autolysis is marked.

Spleen: No significant histologic lesions are noted (NSL).

Kidney: Autolysis is marked.

Proventriculus: NSL

Comment:

The only lesion noted is fibrinoid necrosis within rare tributaries of the coronary artery. While not entirely specific, this change is a reported lesion of lead toxicity in this species. It should be noted that because of tissue artefact (autolysis and possible freezing artefact), subtle lesions may have been obscured.

Diagnosis:

Coronary artery: Medial fibrinoid necrosis



Report Generated: 01/29/19
Results Last Modified: 03/05/15