

Dr. Drury R. Reavill
Dr. Robert E. Schmidt
Zoo/Exotic Pathology Service
6020 Rutland Drive #14
Carmichael CA 95608-0515

Doctor: -	Date: June 23, 2016
Clinic: Bat World Mid Cities 701 Timberline Court Arlington, TX 76006	Access: V161296 Species: Chiroptera Breed: Seminole Bat Sex: Male Name: N/A
ISIS: BWMC-2016-003	Age: 3½ Weeks Type: Post mortem small jar

CLINICAL INFORMATION

This is a mother-raised pup born 5/20/2016. Two other pups have died. The mother is also dead. This pup continued to decline and died overnight despite supportive care.

MICROSCOPIC

Submitted is the entire animal preserved for examination.

Kidney: The kidney is moderately autolyzed.

Adrenal gland: No lesion recognized.

Nasal sinuses: There is a focally extensive area subtending the haired skin and adjacent to the cartilage of sections of the nasal sinus. This is of numerous viable and degenerated neutrophils. Rod-shaped bacteria are identified admixed with this inflammatory cell population, which is associated with edema.

Liver: No lesion recognized.

Testicle: No lesion recognized.

Cerebrum: No lesion recognized.

Esophagus: No lesion recognized.

Lung: No lesion recognized.

Stomach: No lesion recognized.

Pancreas: No lesion recognized.

Patagial skin: No lesion recognized.

Heart: No lesion recognized.

CONTINUED

Thymus gland: No lesion recognized.

Intestines: No lesion recognized.

DIAGNOSIS

SOFT TISSUES OF FACE ADJACENT TO NASAL SINUSES: FOCALLY EXTENSIVE SEVERE SEPTIC AND SUPPURATIVE CELLULITIS

COMMENT

This bat has a significant inflammatory lesion associated with bacteria that is within the soft tissues adjacent to the nasal sinuses and subtending the haired skin. The point of origin of this inflammation and bacteria is not determined. I suspect that this could be a puncture wound either from the oral cavity or possibly through the skin on the face.

DRURY R. REAVILL, DVM
DABVP (Avian and Reptile & Amphibian Practice)
Diplomate, American College of Veterinary Pathologists

DRR:br*

Q3 KW skin, infection (bacteria)