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Zoo/Exotic Pathology Service
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Doctor: -	Date: September 3, 2016
Clinic: Bat World 299 High Point Road Weatherford, TX 76088	Access: V161826 Species: Chiroptera Breed: T. braziliensis Sex: Male Name: Bat – Wild
ISIS: N/A	Age: <1 Year Type:

CLINICAL INFORMATION

Wild bats are found grounded. The wing tips and edges of the wing membranes begin to disintegrate. The condition appears painful and is stopped with penicillin and topical treatment. The membrane, however, does not grow back.

MICROSCOPIC

Submitted are multiple sections of wing membrane. There is a severe necrotizing inflammatory process present. Serum exudation and inflammatory crust formation is seen. Numerous neutrophils and lesser numbers of macrophages are present. Numerous coccoid bacteria are noted in colonies and scattered throughout the lesion.

DIAGNOSIS

SEVERE NECROSUPPURATIVE INFLAMMATION – WING MEMBRANES

COMMENT

This appears to be a bacterial infection associated with an organism that morphologically is consistent with Staphylococcus. Strains of Staphylococcus can cause severe necrotizing lesions as described clinically. No other organisms are seen and there is no indication of any underlying problem.

ROBERT E. SCHMIDT, DVM, PhD
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of Veterinary Pathologists

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