

CASE NUMBER: 04F-24-P3-7

DATE: Mar 21, 2004

HISTOPATHOLOGY:

Slide 124, P3-7-1:

- 1). Kidney: Nephritis, interstitial, mild to moderate, multifocal, granulomatous, necrotising, chronic
- 2). Spleen and adipose tissue: Peritonitis, moderate, diffuse, necrogranulomatous and fibrinous, chronic with scattered intralesional bacilli

There are no overt lesions within the liver, or heart.

Slide 125, P3-7-2:

- 1). Kidney: Nephritis, interstitial, marked, multifocal to coalescing, lymphohistiocytic, chronic with scattered intralesional coccobacilli
- 2). Spleen: Splenitis, moderate, diffuse, subacute with lymphoid depletion and scattered intralesional coccobacilli
- 3). Liver: Hepatitis, moderate, multifocal, random, necrogranulomatous, chronic
- 4). Heart, ventricle: Epicarditis, moderate, diffuse, fibrinous, granulomatous, necrotising, chronic, with intralesional coccobacilli

Slide 126, P3-7-3:

As in slide 125, but with florid intrahistiocytic and extracellular coccobacilli.

Slide 127, P3-7-4:

As in slide 125, with less extensive parenchymal involvement.

Slide 128, P3-7-5:

As in slide 127.

COMMENTS:

The multisystemic inflammatory infiltrate is consistent within each of the examined sections and in at least 3 samples would have contributed significantly to antemortem morbidity. Based on the nature of the infiltrate and morphology of the bacteria, bacterial kidney disease is a prime consideration and follow up confirmatory diagnostics may be considered. As many of the fish would have been shedding pathogens antemortem, additional stock have presumably been exposed, are possibly infected and should be closely monitored for development of clinical signs.

FINAL REPORT