

CASE NUMBER: 04F-24-P2-2

DATE: Mar 21, 2004

HISTOPATHOLOGY:

Slide 22, P2-2-1:

- 1). Kidney: Nephritis, interstitial, pyogranulomatous, marked, multifocal to coalescing, subacute with lymphomyeloid hyperplasia and nephrocalcinosis
- 2). Heart, compact layer, ventricle: Myocarditis, moderate, multifocal, granulomatous and fibrinous, subacute
- 3). Liver: Hepatitis, mild, multifocal, granulomatous, chronic
- 4). Spleen: Lymphoid depletion, moderate, diffuse

Slide 23, P2-2-2:

- 1). Kidney: Nephritis, interstitial, lymphohistiocytic marked, multifocal to coalescing, chronic, with scattered fibrin deposition and pronounced lymphomyeloid hyperplasia
- 2). Spleen: Lymphoid depletion, moderate, diffuse
- 3). Liver: Hepatitis, mild, multifocal, pyogranulomatous, subacute

There are no overt lesions within the heart.

COMMENTS:

The inflammatory infiltrate noted in slide 1 and 2 is profound and would like have contributed significantly to impaired homeostasis in both fish. Although based on the nature of the infiltrate, *Renibacterium salmoninarum* is a prime consideration, the possibility of a chronic inflammatory process due to some other etiology cannot be discounted and if fresh tissue is available, follow up ancillary diagnostic for confirmation, is recommended.

FINAL REPORT