

CASE NUMBER: 04F-24-A2.4-6

DATE: Mar 22, 2004

**HISTOPATHOLOGY:**

Slide 172, A2.4-6-1:

- 1). Spleen: Possible lymphoid depletion, mild to moderate, diffuse
- 2). Liver, sinusoids: Congestion, mild, multifocal, random, acute

There are no overt lesions within the kidney or heart.

Slide 173, A2.4-6-2:

- 1). Kidney: Nephritis, interstitial, mild, multifocal, random, subacute with variably accumulation of edema fluid
- 2). Spleen, stroma: Congestion, moderate, diffuse, acute

There are no overt lesions within the liver or heart.

Slide 174, A2.4-6-3:

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

**COMMENTS:**

It is difficult to resolve the precise nature of the lymphoid depletion noted within the spleen of slide 172; there is a preponderance of stroma and erythrocytes relative to lymphoid elements. This change may represent peripheral mobilization of lymphocytes to nidi of inflammation, malnutrition, stress or other factors. In slide 173, the interstitial nephritis is non-specific, low grade and may represent the early stages of a bacterial or viral infection. Follow up bacterial and viral culture of select fish may be considered.

**\*FINAL REPORT\***