

## ASVP DIAGNOSTIC EXERCISE No. 23

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### History:

10 year old male neutered cat.

Abdominal effusion, jaundice and anaemia. Azotaemia with decreased urine specific gravity; increased liver enzymes. Kidneys slightly increased echogenicity on ultrasound.

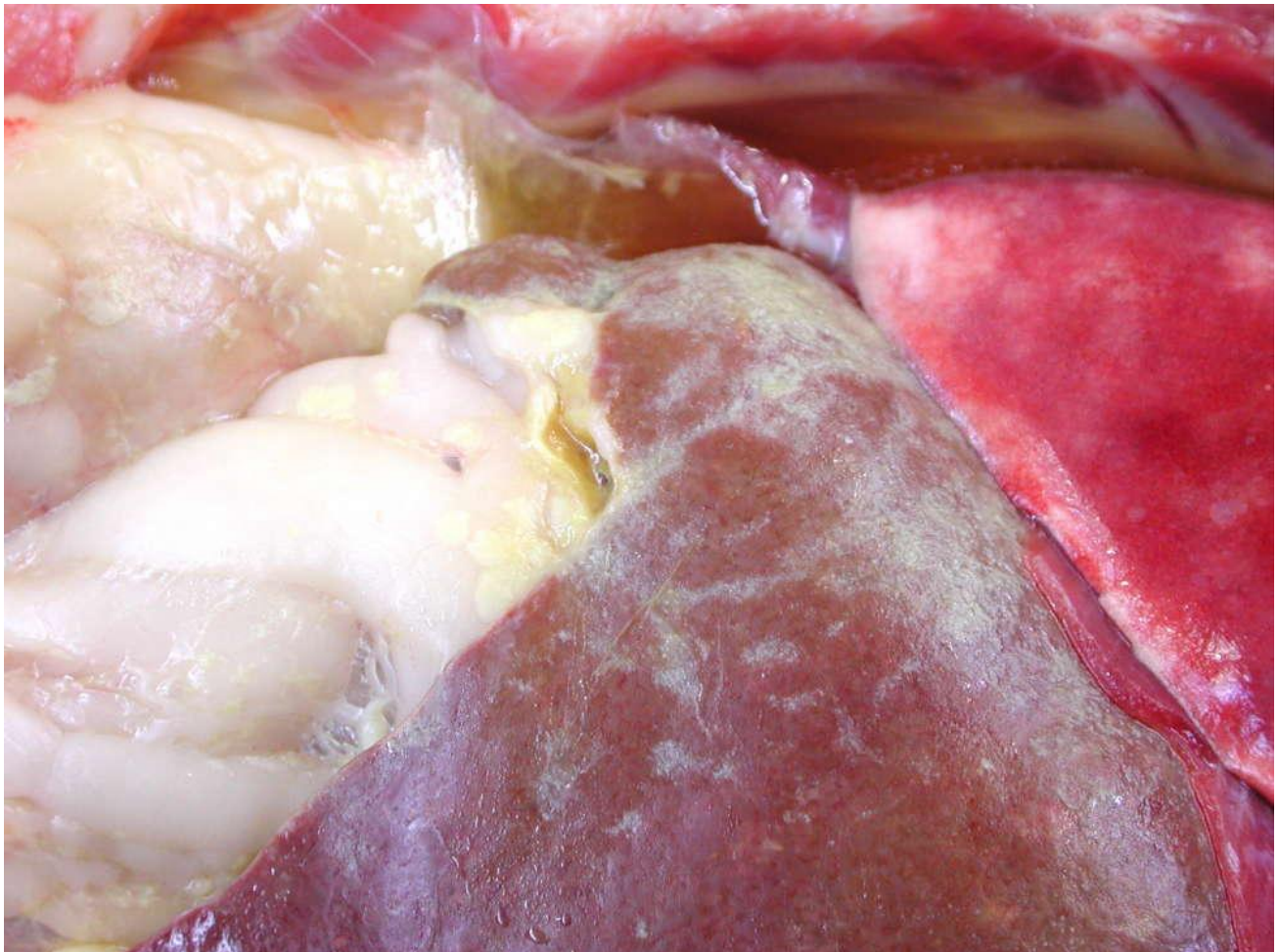
### Clinical Pathology:

Specimens presented: FNA from liver, kidney and peritoneal fluid.

Liver FNA: cholestasis, mild anisocytosis. Kidney FNA: non-diagnostic.

2mL of peritoneal fluid: yellow, cloudy; specific gravity 1.016; protein 16 g/L; RBC: 2400 x10<sup>6</sup>/L

WBC: 3300 x10<sup>6</sup>/L (the differential count was approximately 85% neutrophils, 8% lymphocytes and 7% large mononuclear cells, mostly macrophages).



*(this page can be enlarged to 200% for closer views of this specimen)*

1. Describe the abnormalities
2. What basic disease processes might be present?
3. Pathological diagnosis (give other possibilities in order of preference)?
4. Possible causes of this change (in order of preference)?

*(the diagnosis and discussion of this case will be placed, as usual, on the ASVP website [www.asvp.asn.au](http://www.asvp.asn.au) in a couple of weeks)*