

AN INTRATHORACIC MASS IN A DOG

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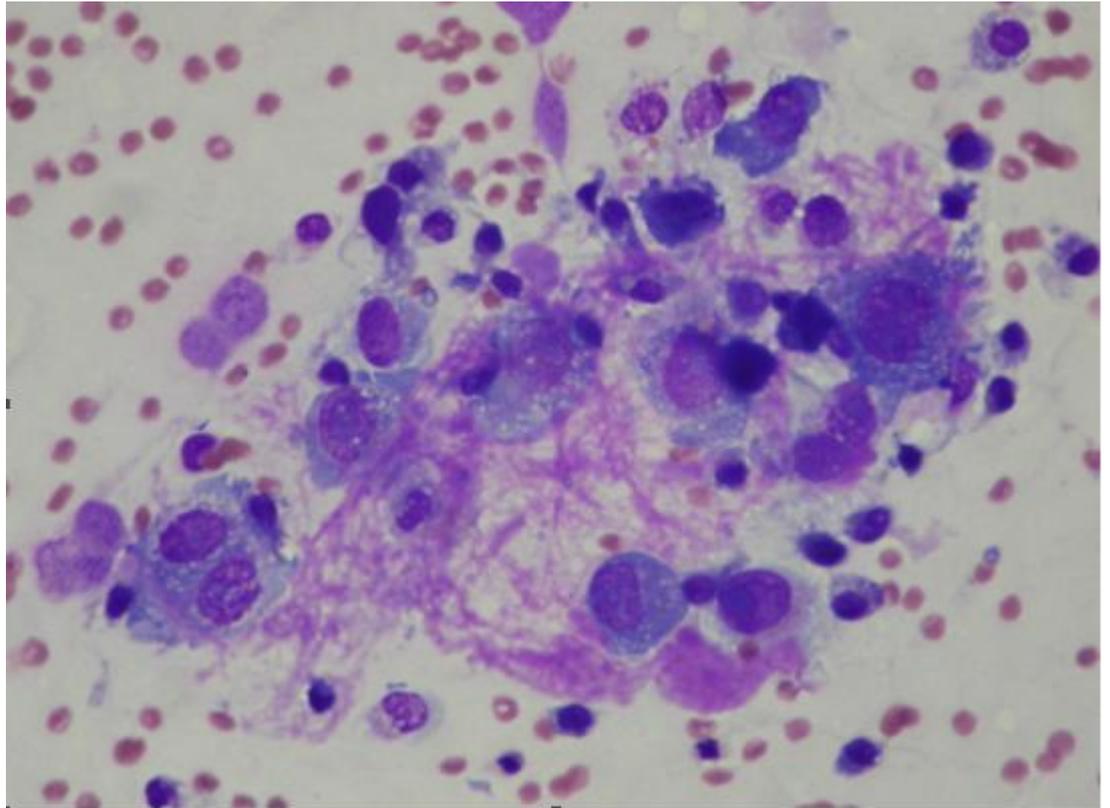
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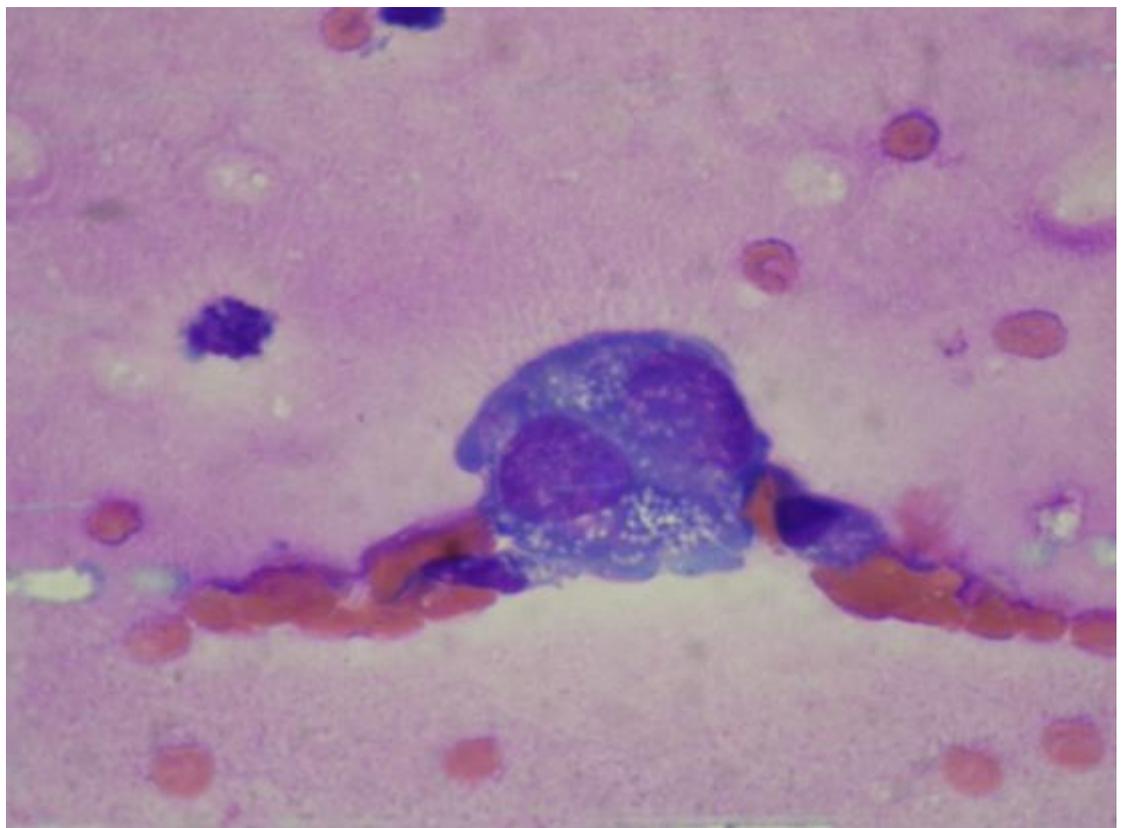
Case presentation 'Suzi'

- Signalment
 - Dog, Labrador Retriever, 3 years and 6 months old, female spayed, 25kg
- History
 - Post-spay haemorrhage, with anaemia (PCV fell from 33% to 21% within 2 days), heart dysrhythmia and ventricular tachycardia, marked elevation of troponin 30.5ng/mL (reference normal <0.15 ng/mL) which was within reference interval after two weeks.
 - 4 months later there was a pleural effusion (1250mL of fibrinous fluid), pyrexia, weakness and tachycardia. Troponin at this time was within the reference interval. Ultrasonography shows a soft tissue mass next to the left ventricle.
- Pertinent Haematology, biochemistry and other tests
 - Haematology
 - § Bands $2.88 \times 10^9/L$ (0.0-0.3)
 - § Neutrophils $6.09 \times 10^9/L$ (3.0-11.5)
 - § Monocytes $1.33 \times 10^9/L$ (0.0-1.3)
 - § Platelets $605 \times 10^9/L$ (160-500)
 - Cardiac biomarker
 - § Troponin 0.08ng/ml (<0.15)
 - Pleural fluid
 - § Fluid total protein 27g/L
 - § Fluid albumin 6g/L
 - § Fluid globulin 21g/L
 - § Fluid alb:glob ratio 0.29
 - § Fluid RBC count +++
 - § Fluid WBC count 700/•l
 - § Culture: No growth after 48 hours (including enrichment culture)

- Cytology: Pleural fluid, direct smear, Wright stain



50x oil



100x oil