Splenic Cytology Quiz – Answers

SLIDE 1

Diagnosis = Sarcoma.
Cytology slide shows predominately a pleomorphic population of malignant spindle cells in a background of red blood cells.

SLIDE 2

Diagnosis = Lymphoma.
Cytology slide shows predominately large lymphocytes (roughly 2 x diameter of RBCs). There are also several small lymphocytes and lots of broken cells (that should not be interpreted in the background).

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SLIDE 3

Diagnosis = Mast cell tumour.

Cytology slides shows a monomorphic population of well-granulated mast cells.