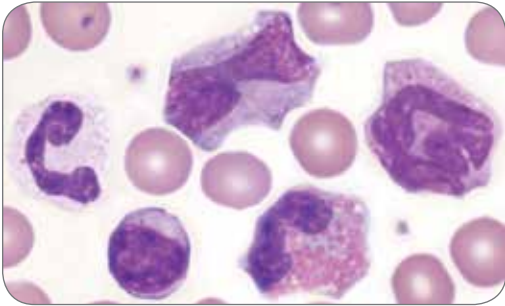
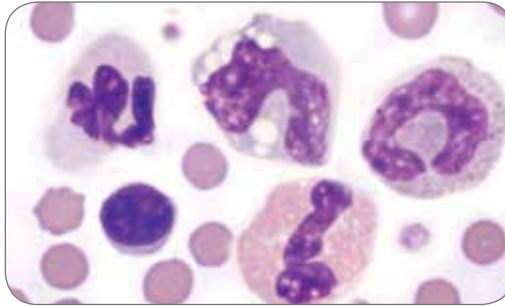


Blood Cell Guide



Normal canine

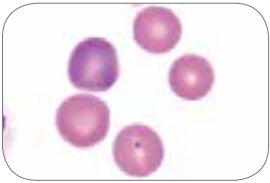


Normal feline

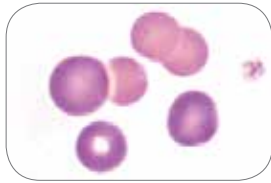
All images, unless otherwise indicated, are representative of a high-power field of view (100x objective field of view)

Images and information provided by:
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Rick L. Cowell, DVM, MS, MRCVS, DACVP
Michelle Frye, MS, DVM

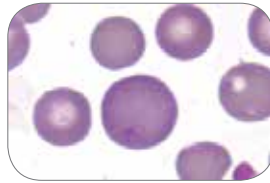
Regenerative Response



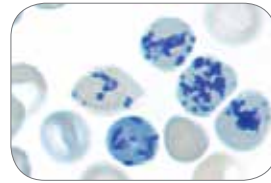
Mild polychromasia



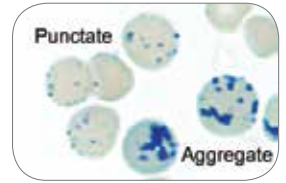
Marked polychromasia



Rapid stain—
polychromasia

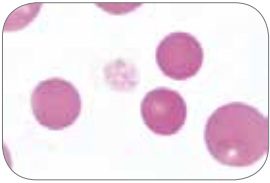


NMB—canine
reticulocytes

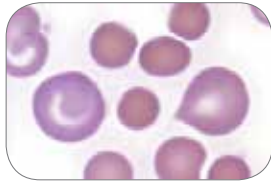


NMB—feline reticulocytes

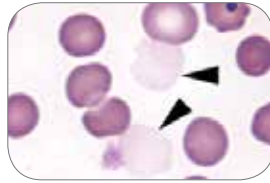
Immune Mediated Hemolytic Anemia (IMHA)



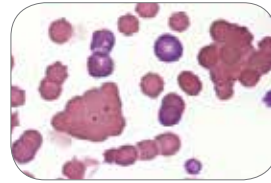
Spherocytes with
no polychromasia



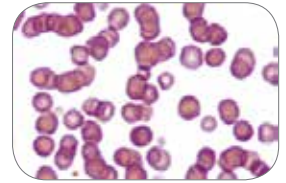
Spherocytes with
polychromasia



Ghost cells

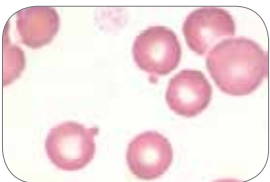


Agglutination (50x)

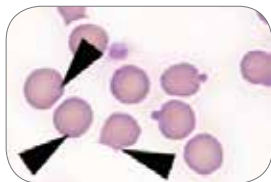


Rouleaux (50x)

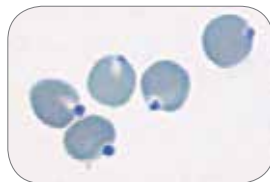
Other Poikilocytosis



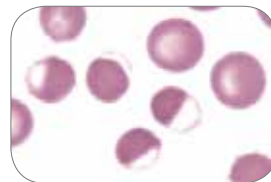
Canine—two Heinz
bodies



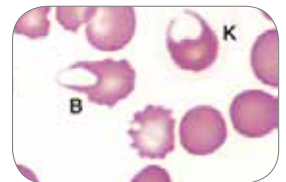
Rapid stain—Feline—
3 indistinct (arrows) and
2 obvious Heinz bodies



NMB—Heinz bodies

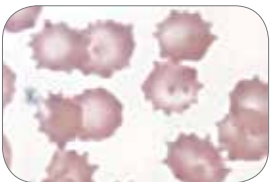


Eccentricocytes*



Blister cell and
keratocyte

Miscellaneous Morphology



Crenation



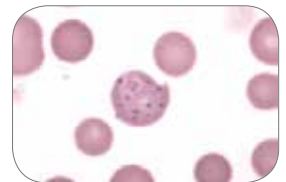
Acanthocytes



Burr cell



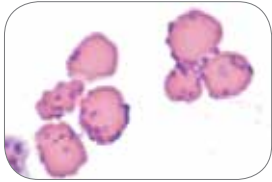
Schistocyte



Basophilic stippling

Blood Cell Guide

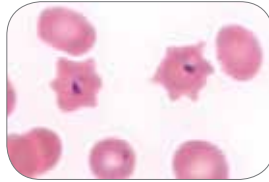
Infectious Agents



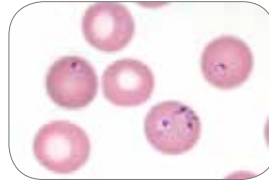
Mycoplasma haemofelis



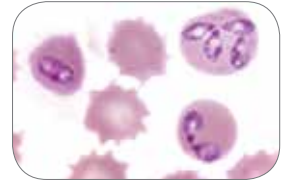
Mycoplasma haemocanis



Cytauxzoon felis

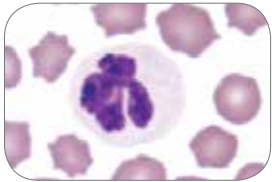


Babesia gibsoni

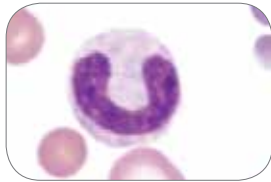


Babesia canis

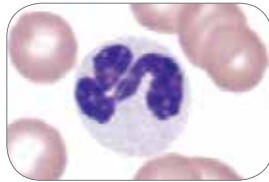
White Blood Cells



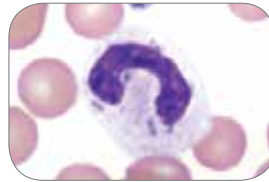
Normal neutrophil



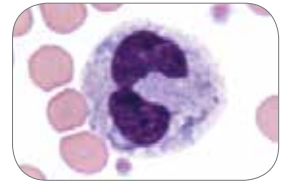
Band neutrophil



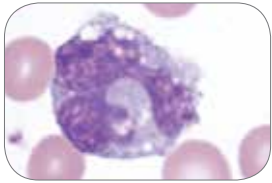
Neutrophil—mild toxicity



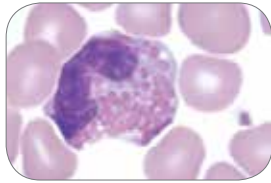
Neutrophil—moderate toxicity



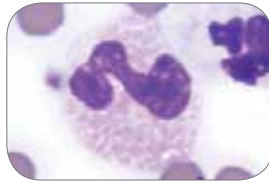
Neutrophil—marked toxicity*



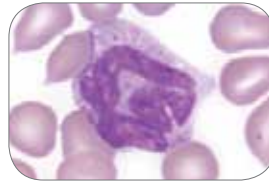
Normal monocyte



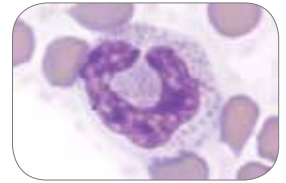
Normal canine eosinophil



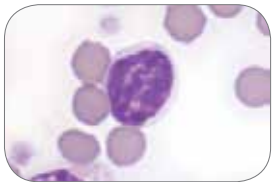
Normal feline eosinophil



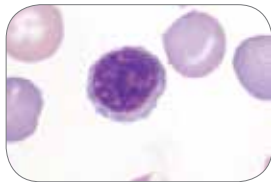
Normal canine basophil



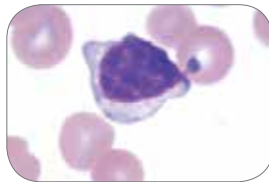
Normal feline basophil



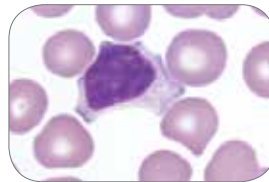
Normal lymphocyte



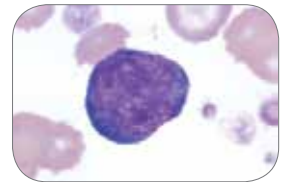
Lymphocyte—mild reactivity



Lymphocyte—moderate reactivity



Lymphocyte—moderate reactivity

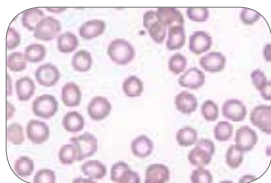


Lymphocyte—marked reactivity

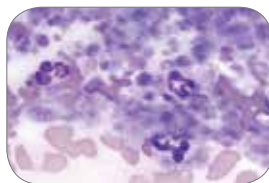
Platelets



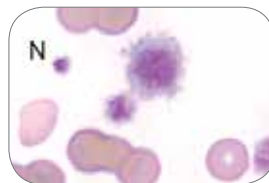
Normal platelet count (50x)



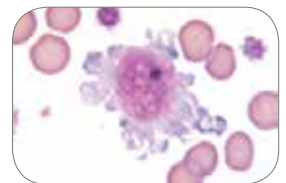
Low platelet count (50x)



Platelet clump (50x)



Normal-sized and large platelets



Large atypical platelet

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