



Eosinophils and lymphocyte

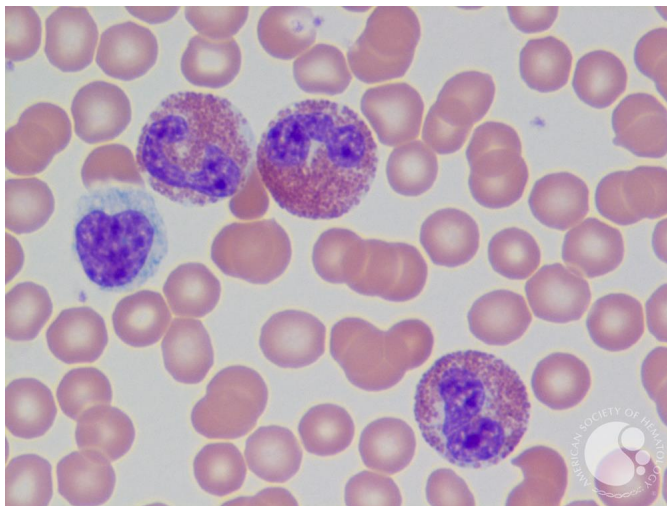
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Category: Morphologic variants of normal cells > Morphologic variants of white blood cells

Description:

The peripheral blood smear stained with Wright-Giemsa shows three eosinophils and a lymphocyte. Eosinophils are a type of leukocyte in the subset known as granulocytes. It is characterized by two purple-stained lobes and pink granules throughout the cytoplasm. This differs from basophils, which have much darker and larger granules. Neutrophils have multiple lobes and the light pink-stained cytoplasm contains more fine, azurophilic granules. On the left side of the field, a lymphocyte can be identified by its large, round, dark purple nucleus and a thin ring of surrounding cytoplasm. Increased eosinophils can be seen in patients with parasitic infections and allergies, in addition to malignant eosinophilia.



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