



Neutrophils phagocytosing cryoglobulin

Authors: Dilek Keskin

Category: Laboratory Hematology > Basic cell morphology > Morphologic variants of white blood cells > Phagocytosed material

Description:

Phagosomes are rarely seen in peripheral blood smear. We detected that cryoglobulins could be seen as a phagosome in neutrophils. The biochemical features of the cryoglobulins make different colored phagosomes. Generally, they are usually seen white and bigger than typical cytoplasmic vacuoles.

Number of Units: 2

Figure 1

Image ID: 64106

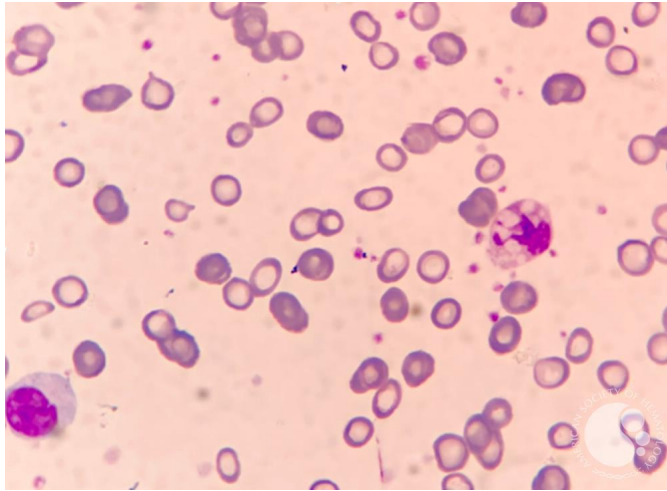
Authors: Dilek Keskin

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Description:

Figure 1 has a neutrophil phagocytosing cryoglobulin in a patient with cryoglobulinemic vasculitis. This is how cytoplasmic vacuolization can be seen in the presence of toxic granulation. But, these phagosomes are larger than simple vacuoles. In this figure, phagosomes are seen in white. May-Grünwald Giemsa stain, 100x magnification.





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Figure 2

Image ID: 64107

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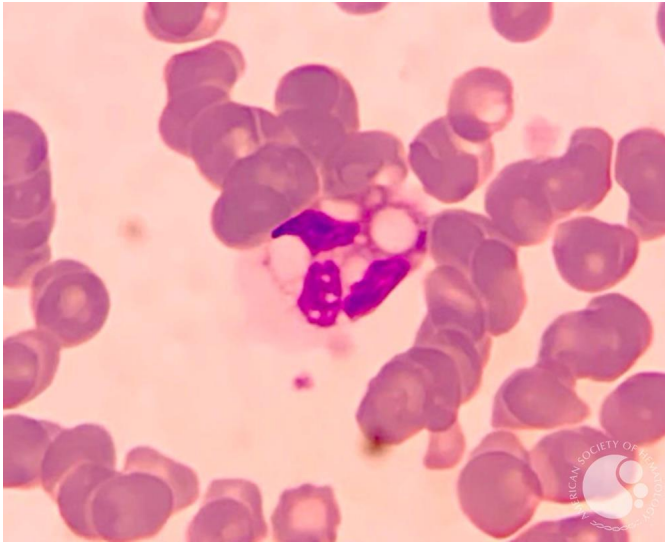
Category: Laboratory Hematology > Basic cell morphology > Morphologic variants of white blood cells > Phagocytosed material

Description:

Figure 2 has a neutrophil phagocytosing cryoglobulin in a patient with cryoglobulinemic vasculitis. This is how cytoplasmic vacuolization can be seen in the presence of toxic granulation. But, these phagosomes are larger than simple vacuoles. In this figure, phagosomes are seen in white. May-Grünwald Giemsa stain, 100x magnification.



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