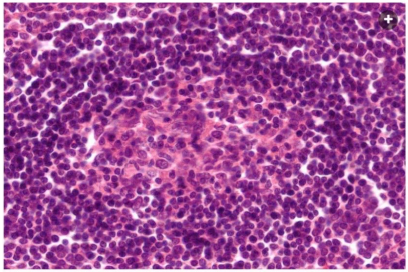
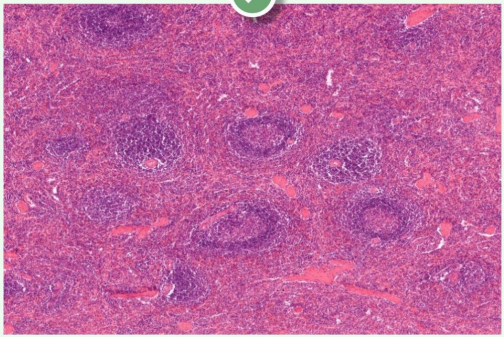


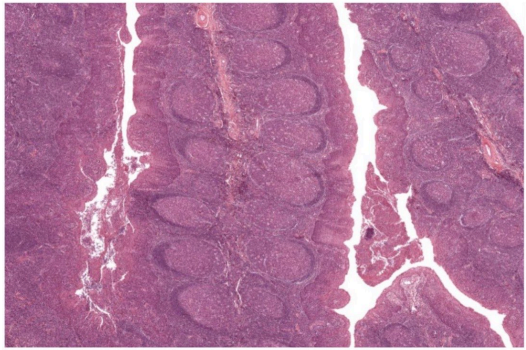
This lymphatic follicle is a primary follicle.

○ True

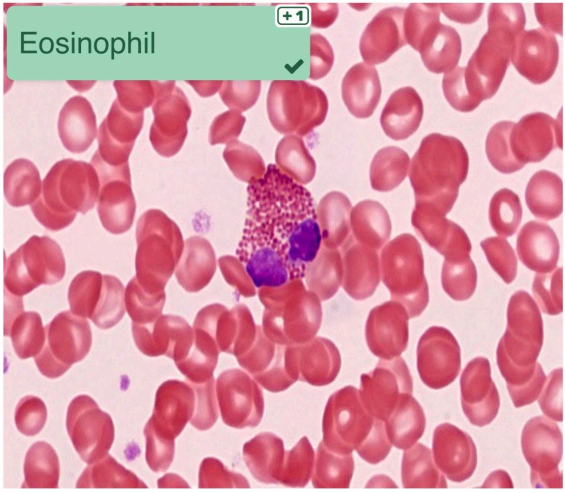
⊙ False ✔

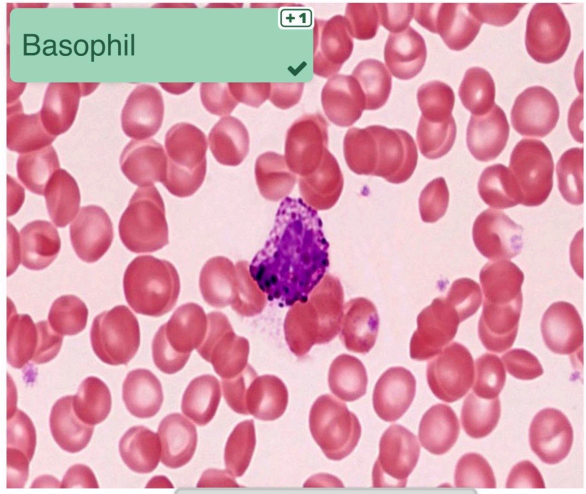
Which of the following sections is taken from spleen?



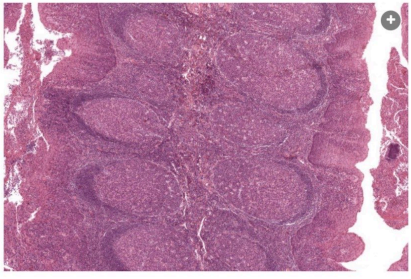


Match the cell with its correct section





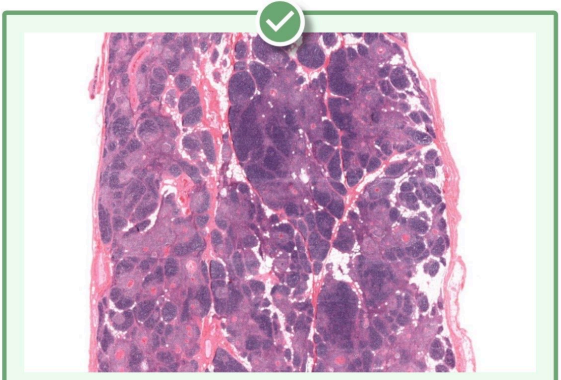
Neutrophil

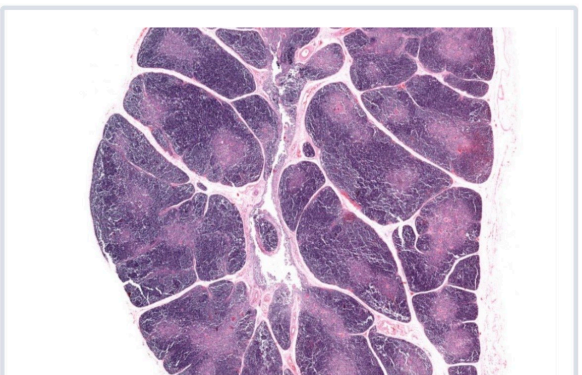


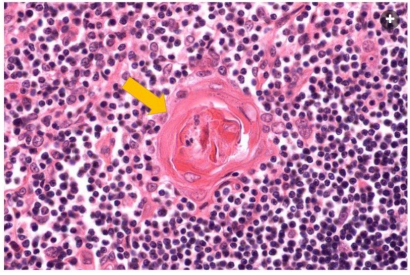
All follicles in this section are activated.

- ⊙ True ✓
- ○ False

Both sections are taken from thymus. Which one is taken from adult thymus?





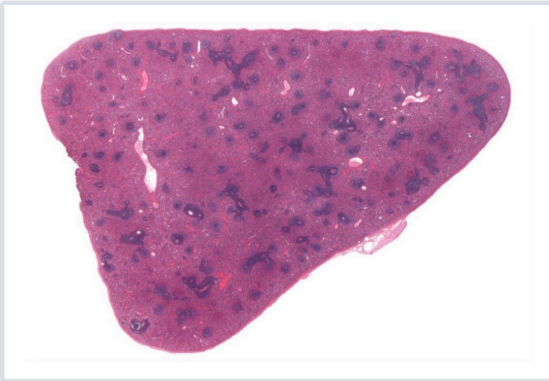


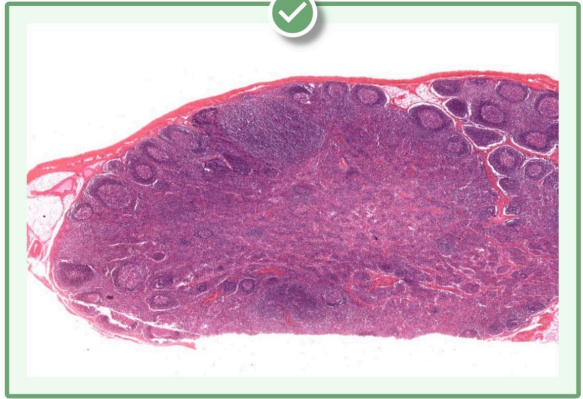
The labeled structure can be found in thymic cortex and medulla.

○ True

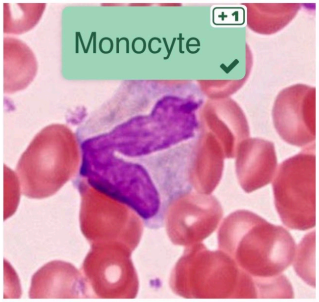
◉ False ✔

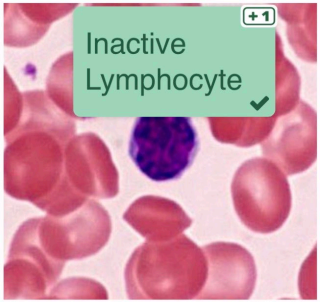
Which histological section is taken from a lymph node?

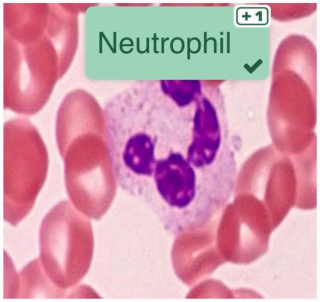




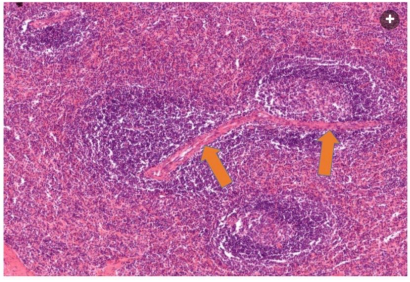
Match the cell with its correct section







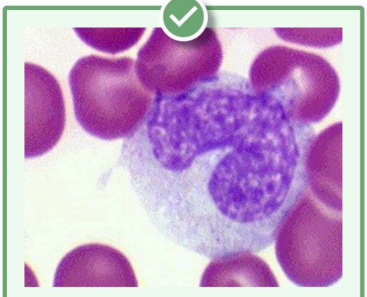
Active Lymphocyte

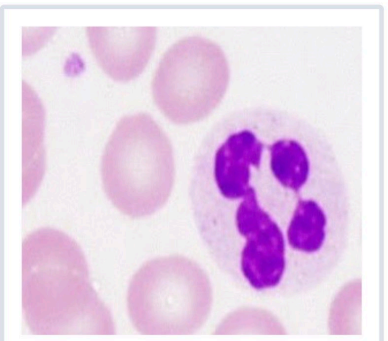


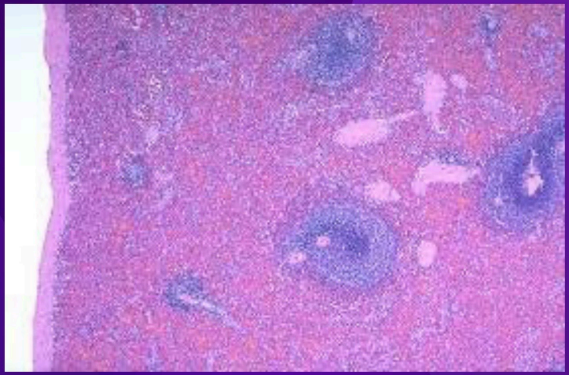
The arrow points at the central arteriole as it is passing through the white pulp of spleen.

- ◉ True ✔
- ○ False

Which of the followings is (are) considered as agranulocyte(s)?

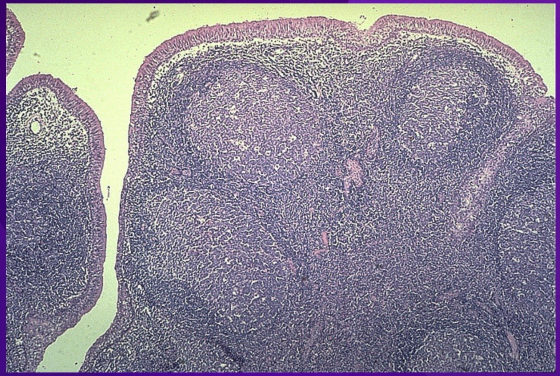






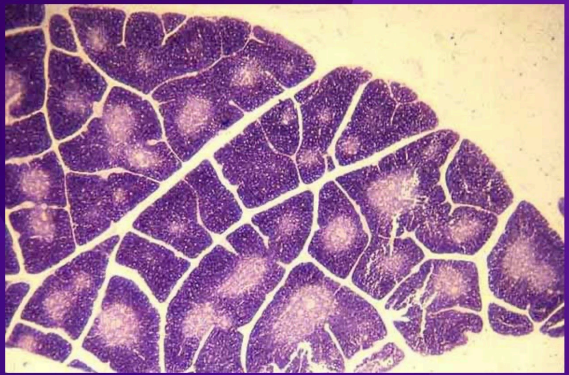
This section is probably taken from:

- Spleen
- Lymph node
- Tonsil
- Thymus



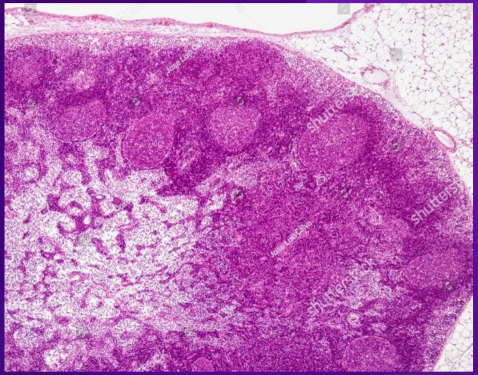
This section is probably taken from:

- Tonsil
- Spleen
- Lymph node
- Thymus



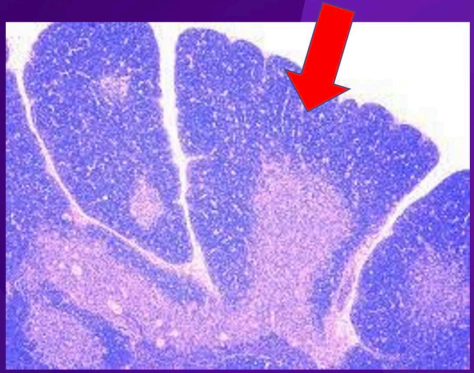
This section is probably taken from:

- Thymus
- Tonsil
- Spleen
- Lymph node



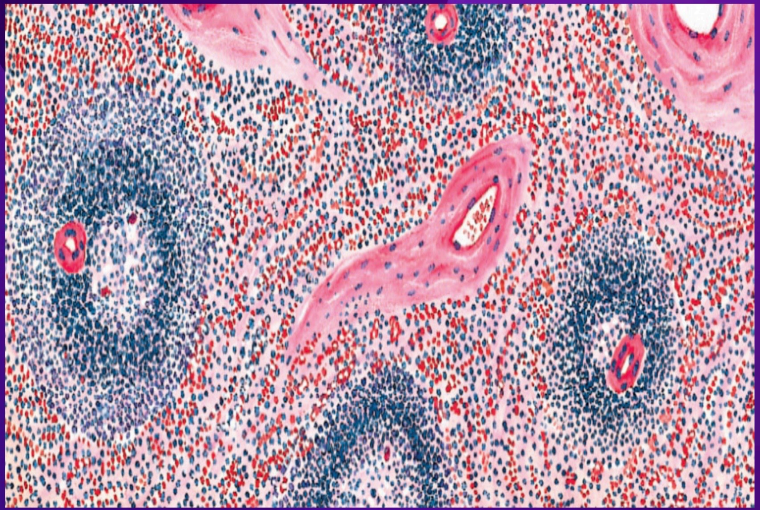
This section is probably taken from:

- Lymph node
- Thymus
- Spleen
- Tonsil



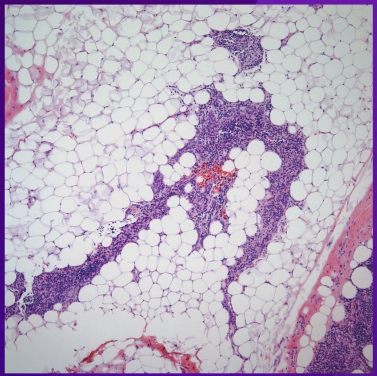
The cells forming the labeled area are mainly:

- Reticular connective tissue cells
- B cells
- T cells
- Plasma cells



These lymphatic follicles are taken from which lymphatic organ?

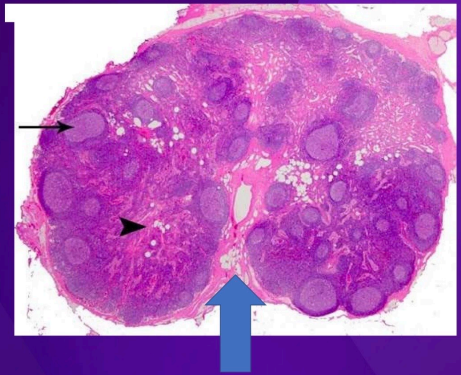
45 spleen



This is a histological section of thymus probably taken from a young patient

True

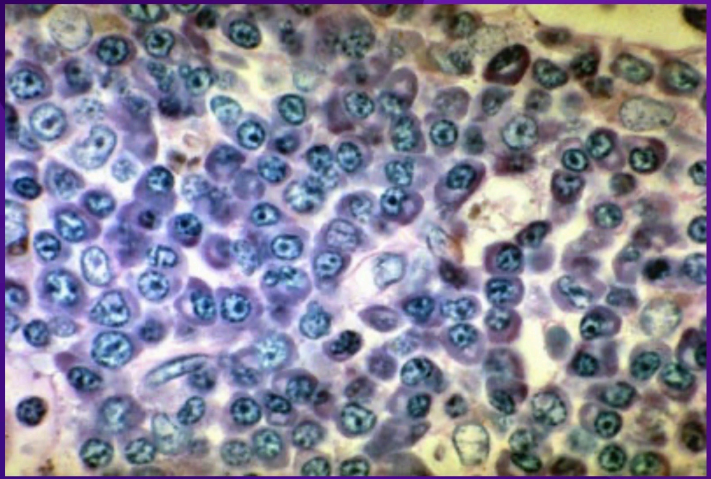
False



The blue labeled area represents the hilum of a lymph node

True

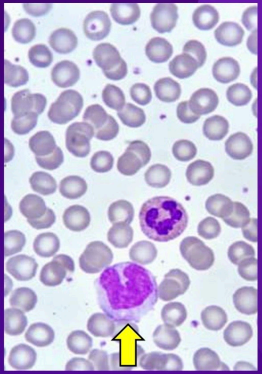
False



Name the cell type (in this case, in the lymph node).

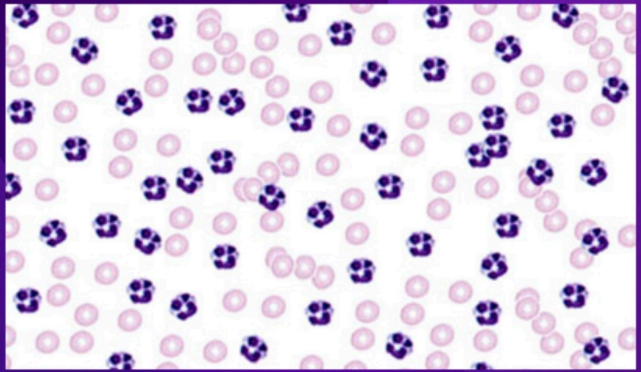
11 plasma cell

3 plasma



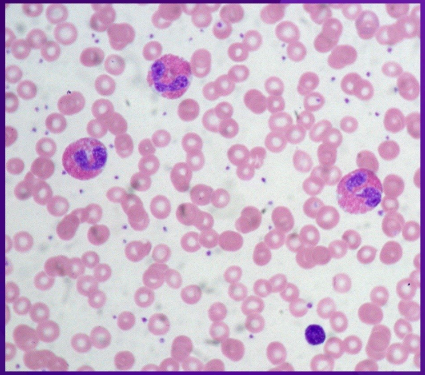
Identify the labeled cell:

- Neutrophil
- Neutrophilic band cell
- Basophil
- Monocyte



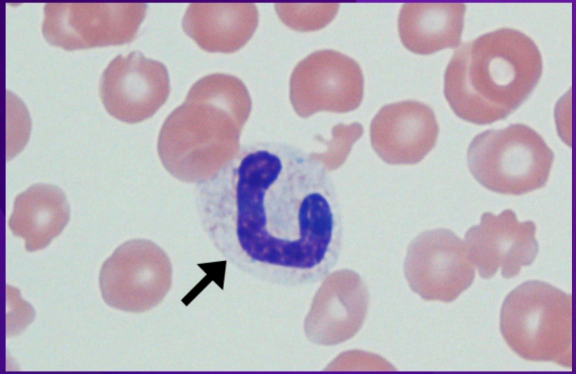
This blood film is probably taken from a patient with:

- Viral infection
- Acute bacterial infection
- Hypersensitivity reaction
- Parasitic infection



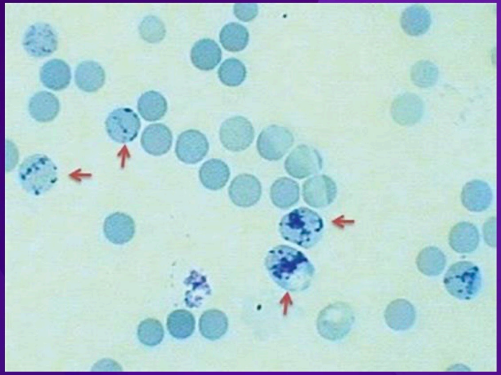
This blood film is probably taken from a patient with:

- Pyogenic infection
- Acute bacterial infection
- Parasitic infection
- Chronic viral infection



High number of the labeled cell in peripheral blood is probably a sign of

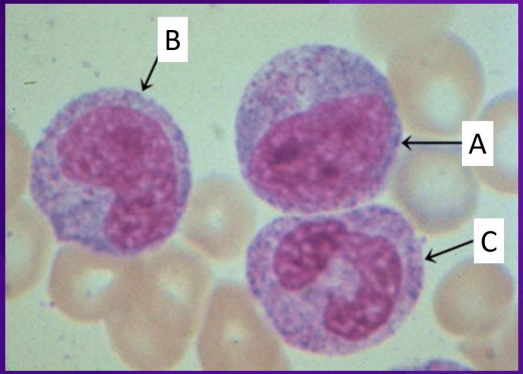
- anemia
- leukemia
- severe acute infection
- hypersensitivity reaction



The increase of labeled cells in the circulation is called bandemia

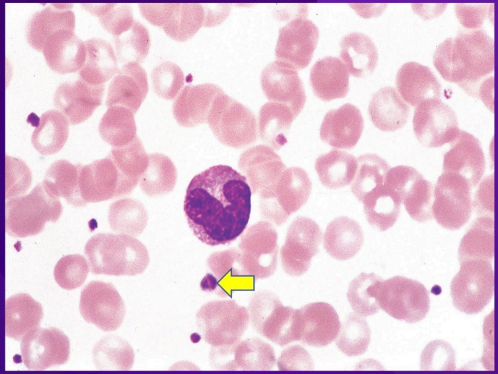
True

False



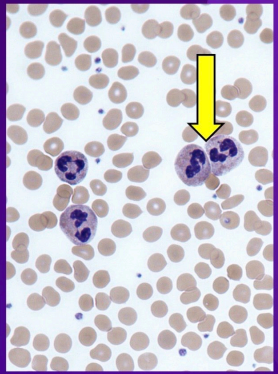
Identify A, B and C

- A: Myeloblast, B: Metamyelocyte, C: Band cell
- A: Basophilic erythroblast, B: Normoblast, C: Proerthroblast
- A: Myelocyte, B: Metamyelocyte, C: Band cell
- A: Promyelocyte, B: Myelocyte , C: Band cell



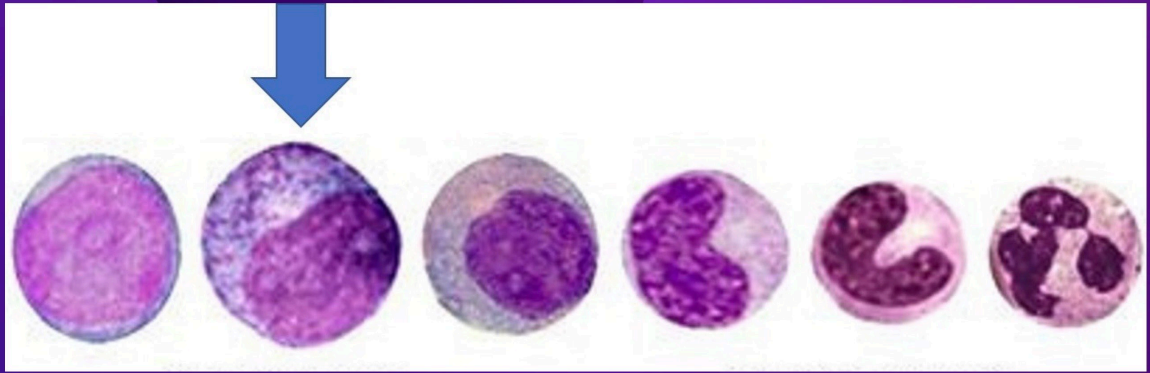
The normal range of the labeled cell fragment in 1 ul of peripheral blood is:

- 4-5 million
- 4000-11000
- 50,000-100,000
- 200,000-400,000



The average life span of the labeled cells in circulation is:

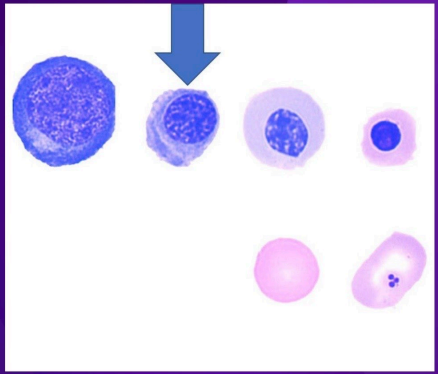
- 4 months
- Few years
- Few days
- Few hours



The labeled cell in this lineage is Promyelocyte

True

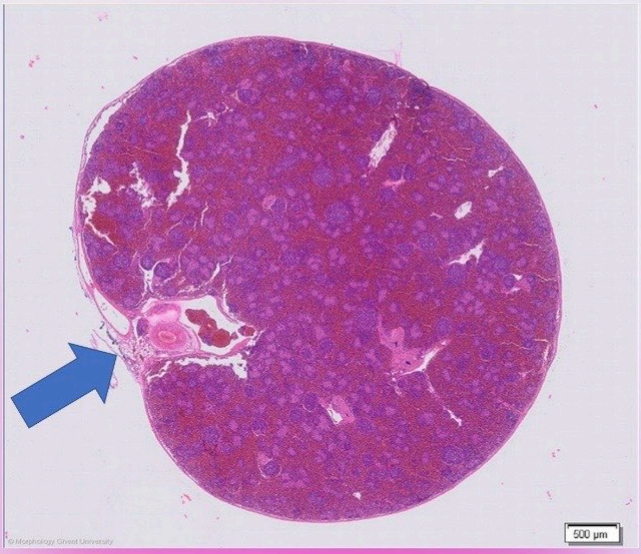
False



The labeled cell in this lineage is Polychromatophilic Erythroblast

True

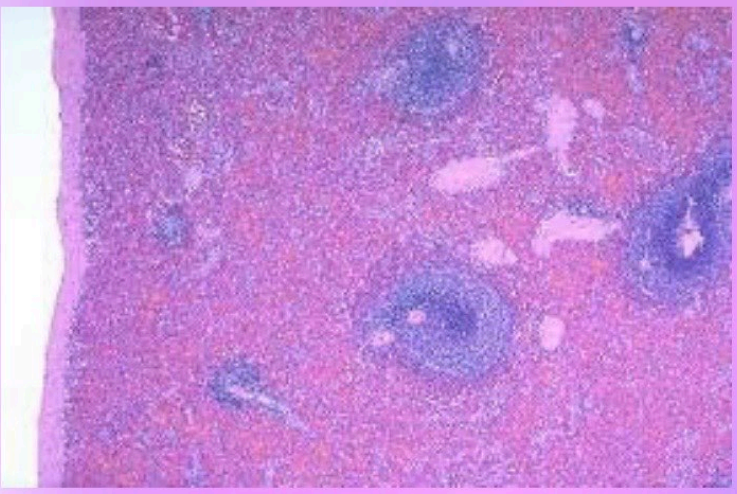
False



The labeled area represents the hilum of a lymph node

True

False



Why are the darker staining regions called "white pulp"?

- because of the color of fresh tissue
- because of H&E stained tisssue