

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ



Histology

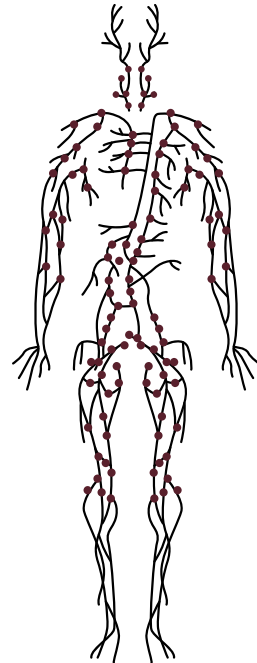
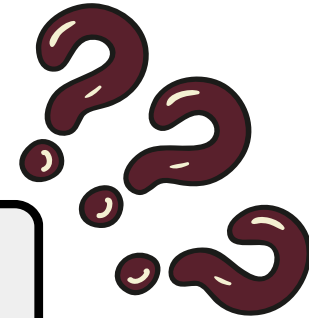
Final | Lab

﴿وَقُلْ رَبِّ ادْخُلْنِيْ مُدْخَلَ صِدْقٍ وَّاَخْرِجْنِيْ مُخْرَجَ صِدْقٍ وَّاجْعَلْ لِّيْ مِنْ لَّدُنْكَ سُلْطٰنًا نَّصِيْرًا﴾
ربنا آتنا من لدنك رحمة وهيئ لنا من أمرنا رشداً

Past Papers

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Reviewed by: Zeina Yassin



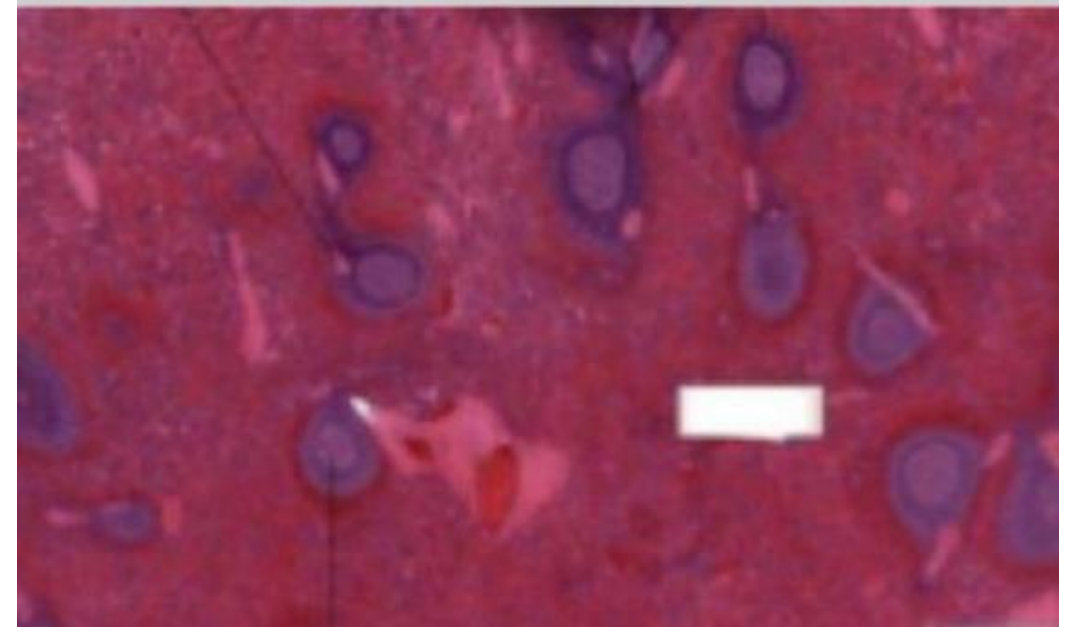
Virtual blood smear

<https://histologyguide.com/slideview/MH-033-blood-smear/07-slide-1.html?x=128077&y=68898&z=100.00>

اللهم إني أسألك فهم النبيين وحفظ المرسلين وإلهام ملائكتك المقربين، اللهم
اجعل ألسنتنا عامرة بذكراك، وقلوبنا بخشيتك، وأسرارنا بطاعتك إنك على
كل شيء قدير وحسبنا الله ونعم الوكيل

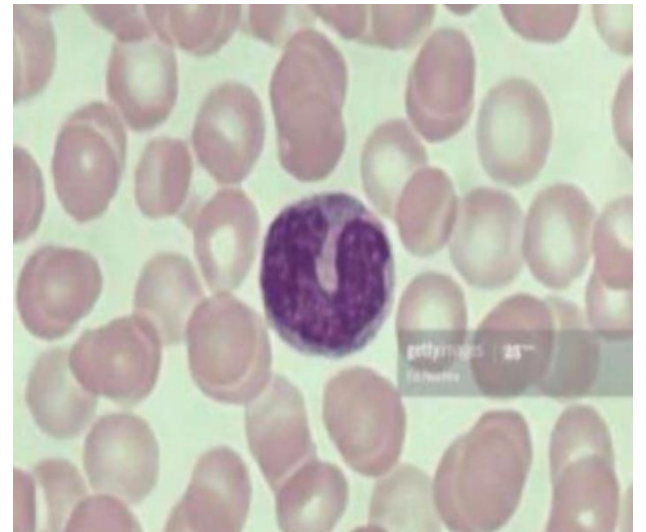
Q1. The following section is taken from:

- a) Lymph node
- b) Spleen
- c) Bone marrow
- d) Thymus
- e) Lungs



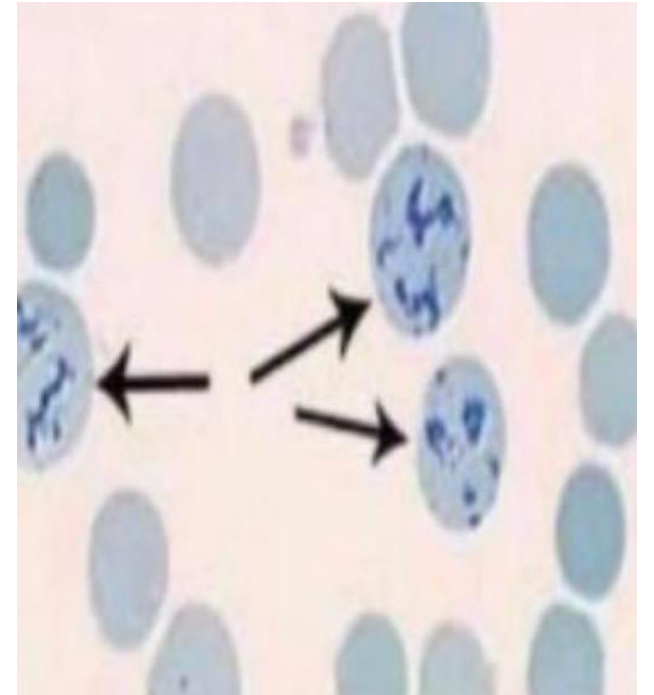
Q2. Which of the following statements applies to the WBC presented in the picture:

- a) It increases markedly in allergic conditions.
- b) It represents 40-80 % of all WBCS.
- c) It is one of the granulocytes.
- d) It increases markedly in chronic inflammatory conditions.
- e) It represents 1-2 % of all WBCS.



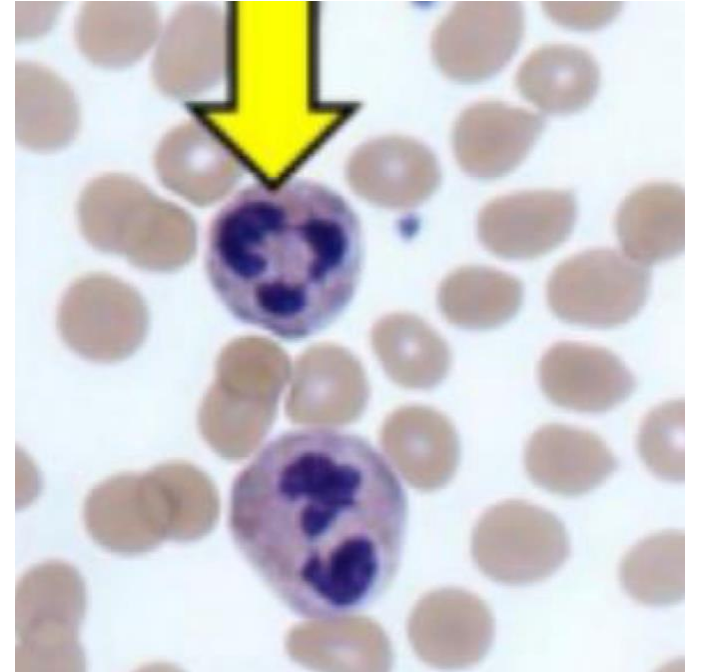
Q3. Which of the following statements applies to the labeled cells:

- a) Their number increases in cases of hemolysis.
- b) Their number increases in cases of bone marrow failure.
- c) They play a major role in fighting parasitic infections.
- d) The first cell to arrive at the site of inflammation.
- e) They play a major role in stopping bleeding.



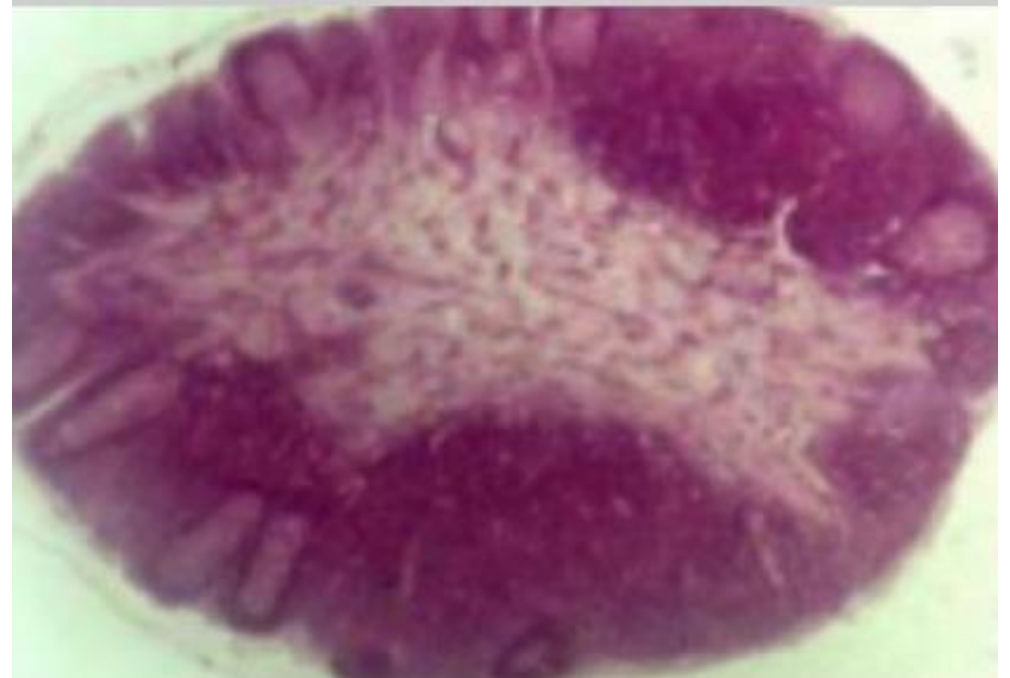
Q4. Identify the following cell:

- a) Neutrophil
- b) Basophil
- c) Monocyte
- d) Macrophage
- e) Reticulocyte



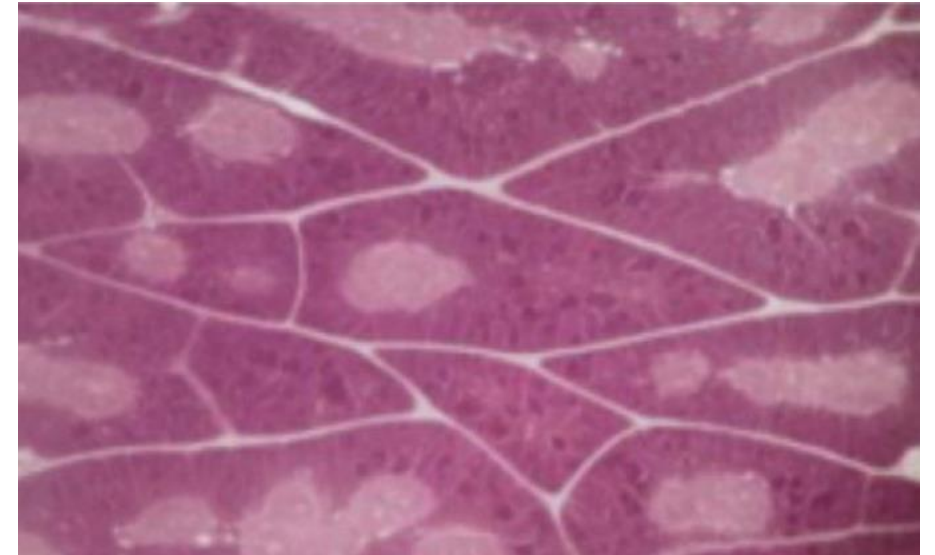
Q5. The following section is taken from:

- a) Lymph node
- b) Spleen
- c) Bone marrow
- d) Thymus
- e) Lungs



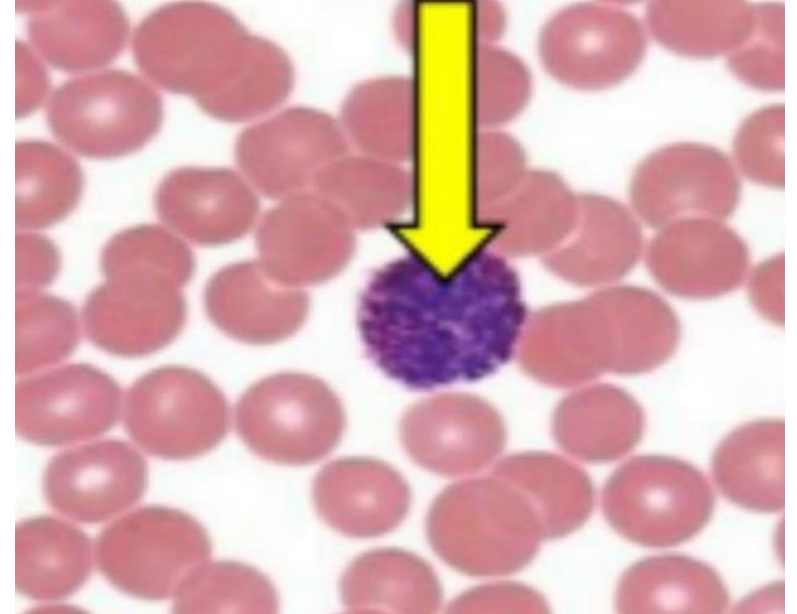
Q6. The following section is taken from:

- a) Lymph node
- b) Spleen
- c) Bone marrow
- d) Thymus
- e) Lungs



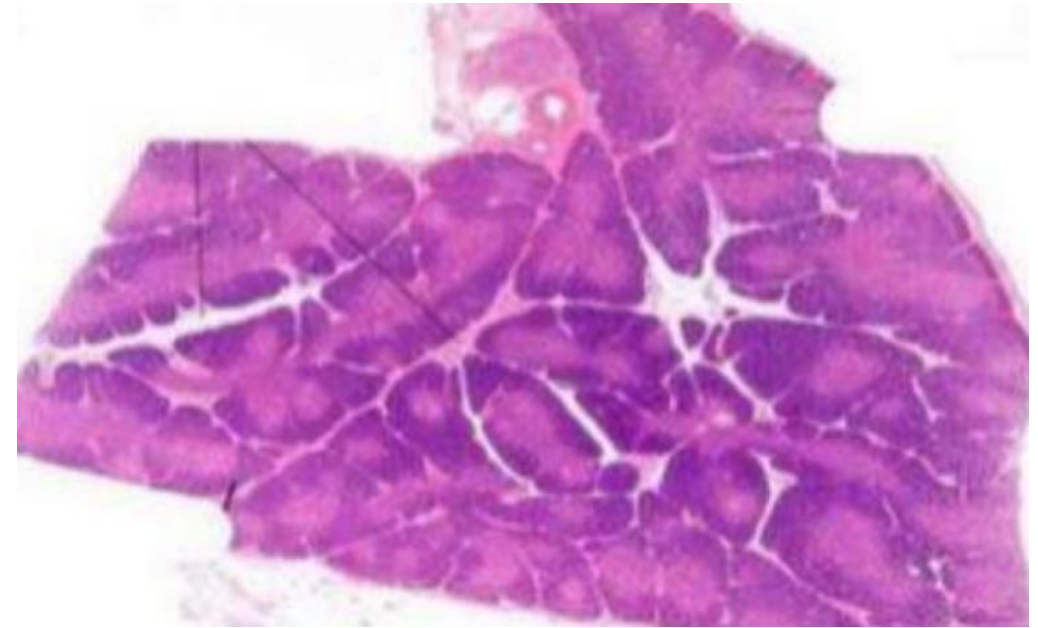
Q7. Identify the following cell:

- a) Neutrophil
- b) Basophil
- c) Monocyte
- d) Macrophage
- e) Reticulocyte



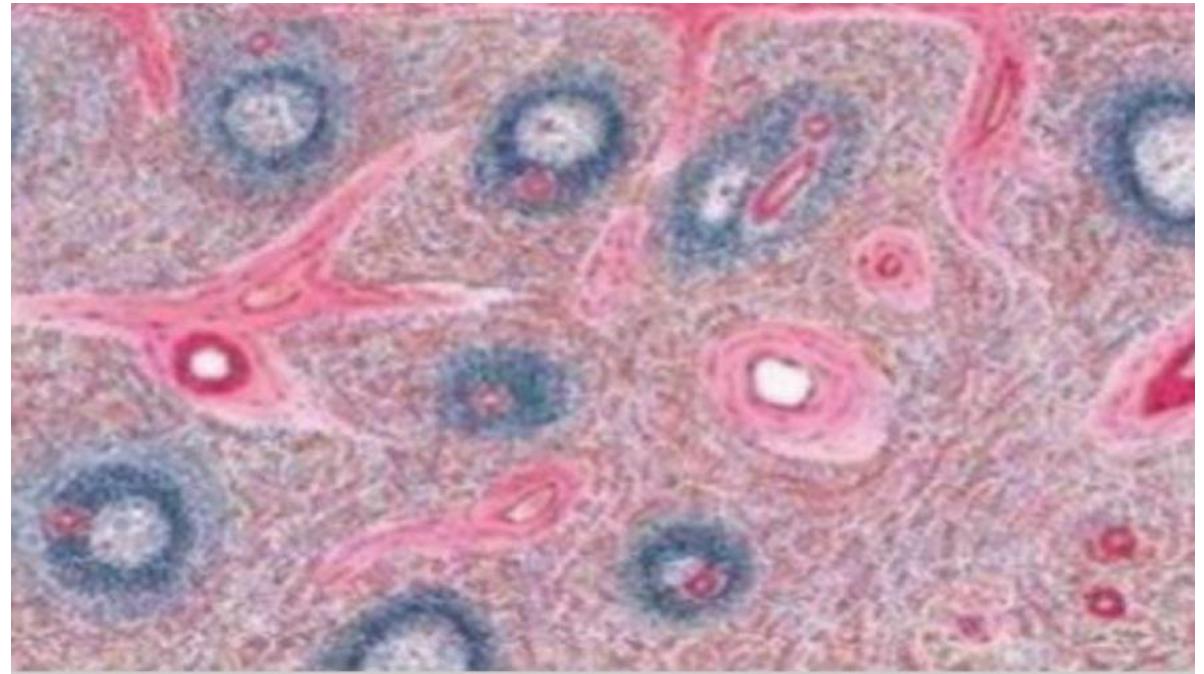
Q8. The following section is taken from:

- a) Lymph node
- b) Spleen
- c) ileum
- d) Thymus
- e) Palatine tonsil



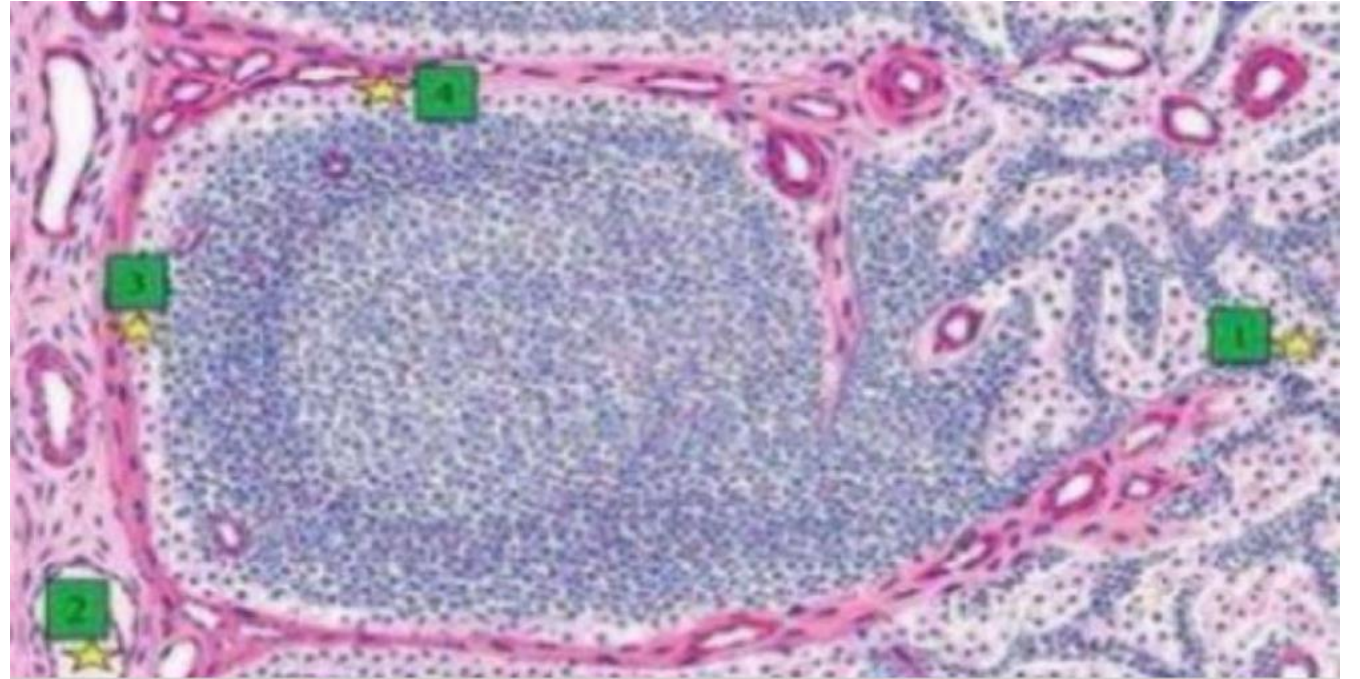
Q9. This section is most probably taken from:

- a) Lymph node
- b) Spleen
- c) ileum
- d) Thymus
- e) Palatine tonsil



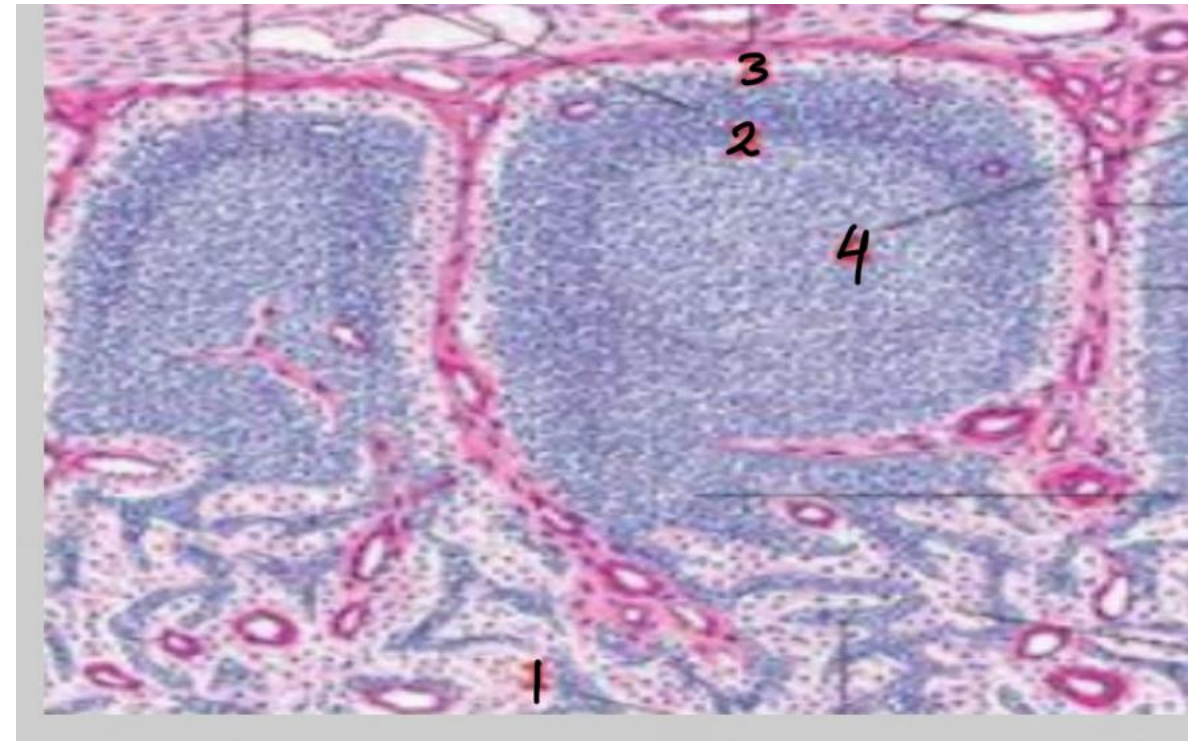
Q10. Arrange the flow of afferent lymph in the CORRECT order:

- a) None of the mentioned is a correct order.
- b) 2, 3, 4, 1.
- c) 1, 4, 3, 2.
- d) 1, 2, 3, 4.
- e) 1, 3, 4, 2.



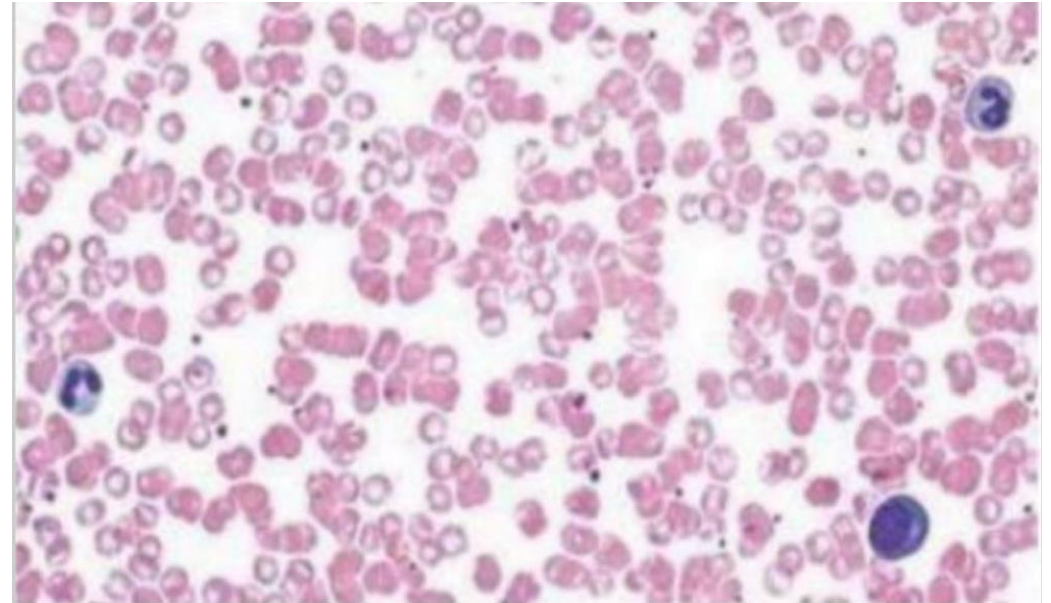
Q11. Which of the following converges at the hilum to form efferent vessels:

- a) 1
- b) 2
- c) 3
- d) 4



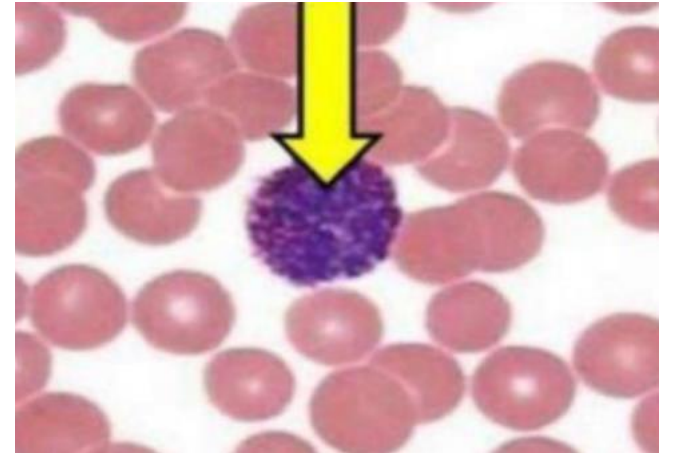
Q12. All the followings can be found in this section EXCEPT:

- a) Neutrophil.
- b) Lymphocyte.
- c) Thrombocyte.
- d) Erythrocyte.
- e) Monocyte.



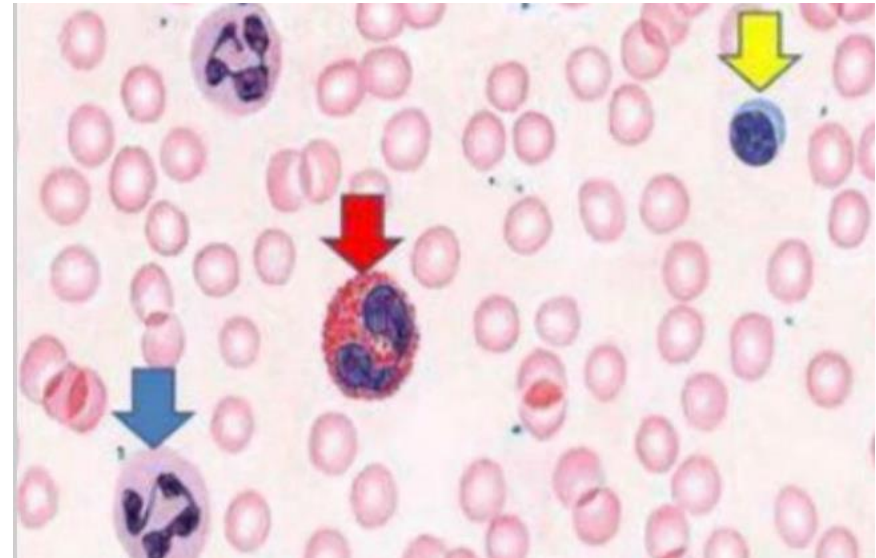
Q13. Identify the cell in the picture:

- a) Neutrophil
- b) Basophil
- c) MonocyteMacrophage
- d) Reticulocyte



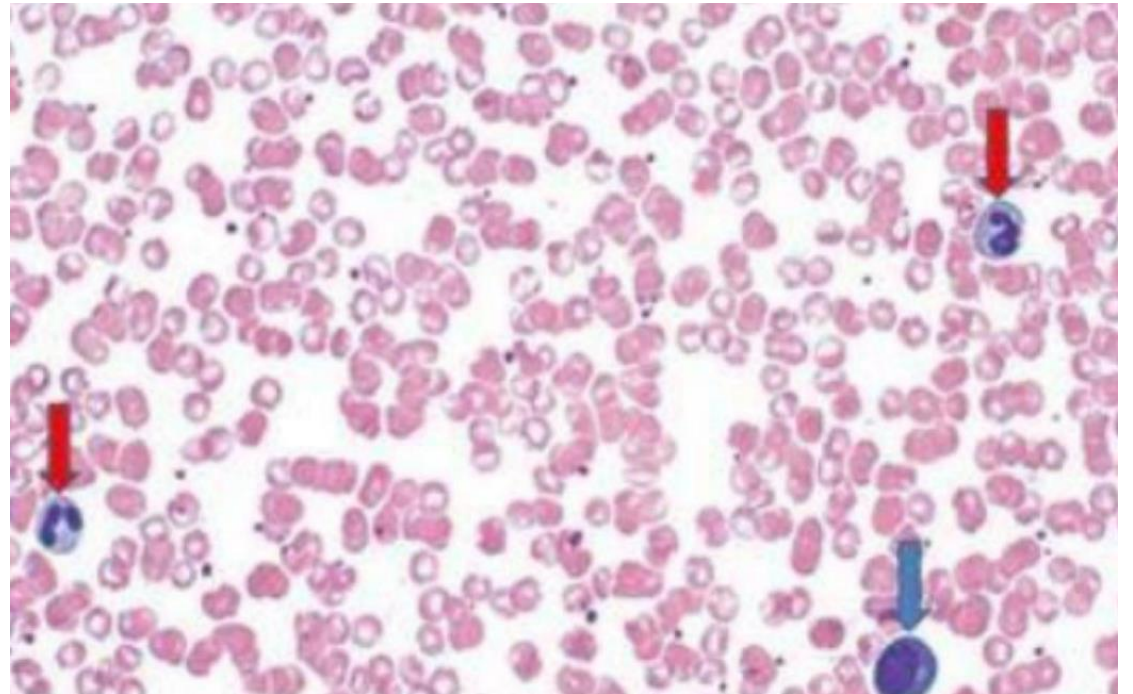
Q14. Which type of cells is not presented in the picture:

- a) neutrophil.
- b) eosinophil.
- c) Monocyte.
- d) Lymphocyte.
- e) erythrocyte.



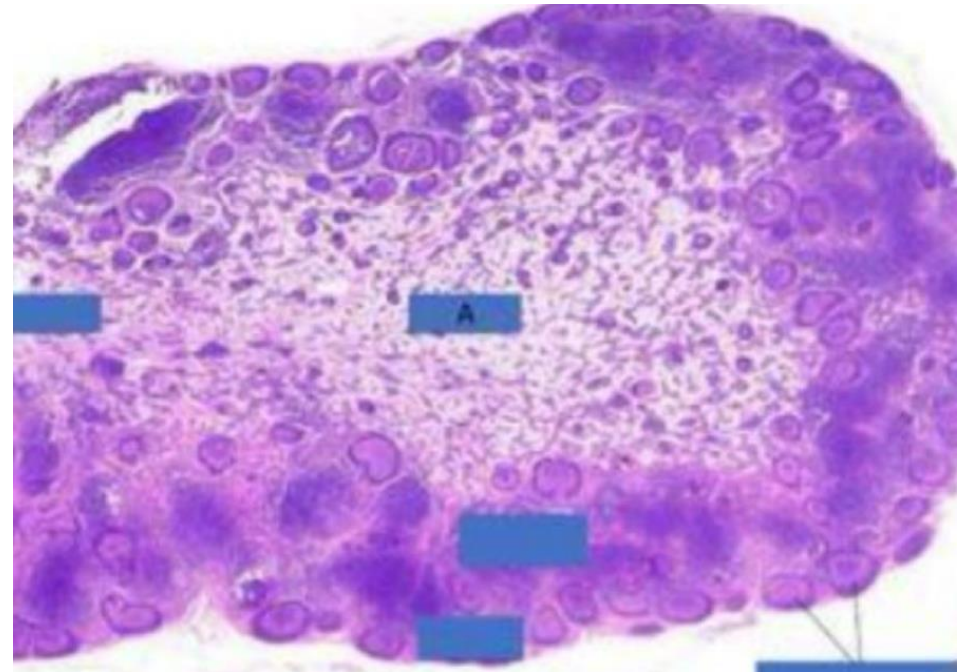
Q15. The labeled cells are:

Ans : neutrophils & lymphocyte



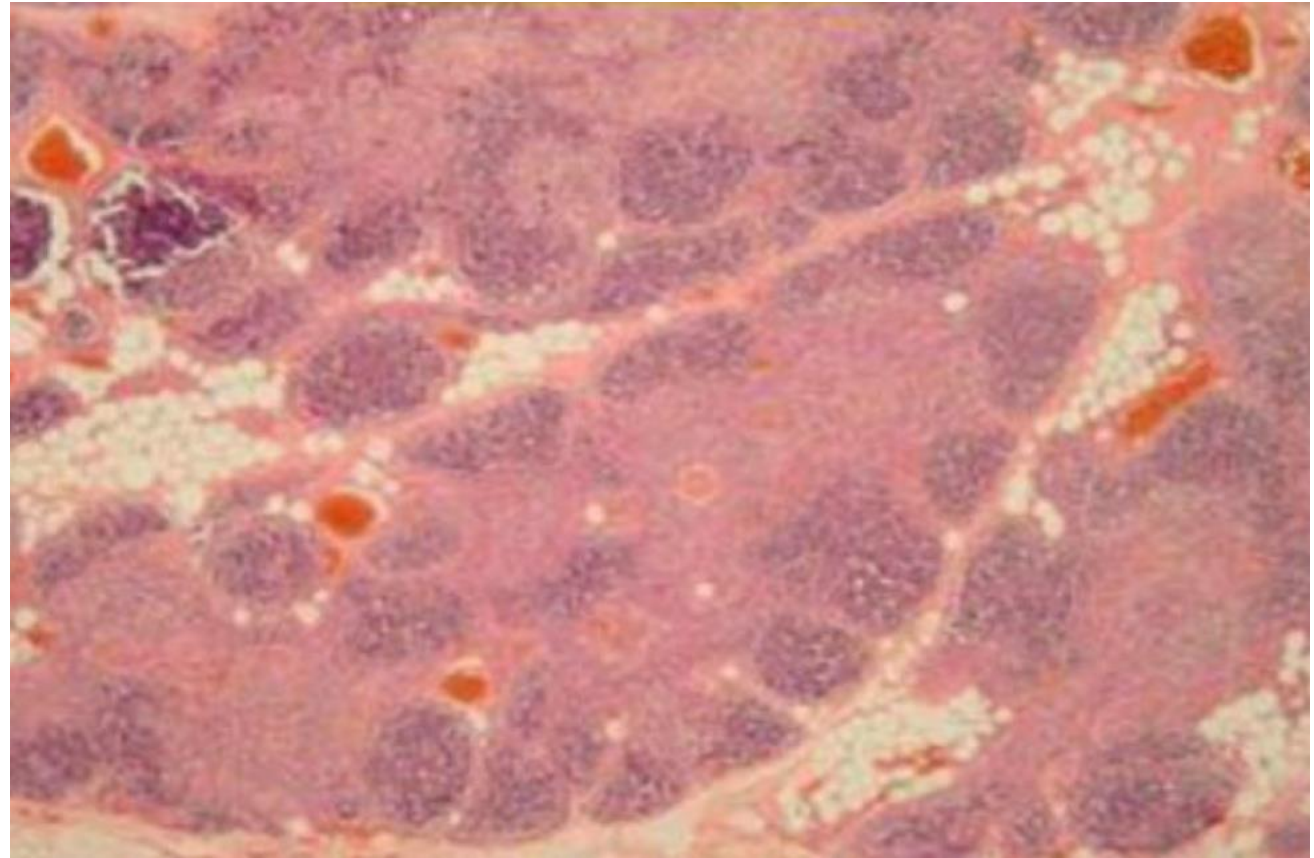
Q16. What does the letter A represent:

- a) Lymph node medulla
- b) Lymph node cortex
- c) Spleen white pulp
- d) Lipids in thymus



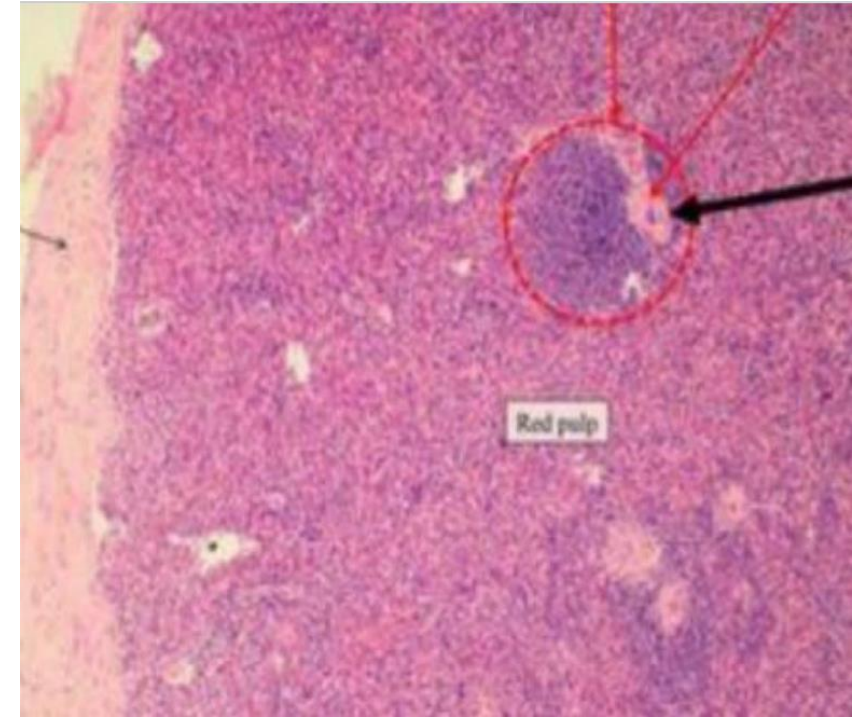
Q17. This section is most probably taken from:

- a) Lymph node
- b) Spleen
- c) ileum
- d) Thymus
- e) Palatine tonsil

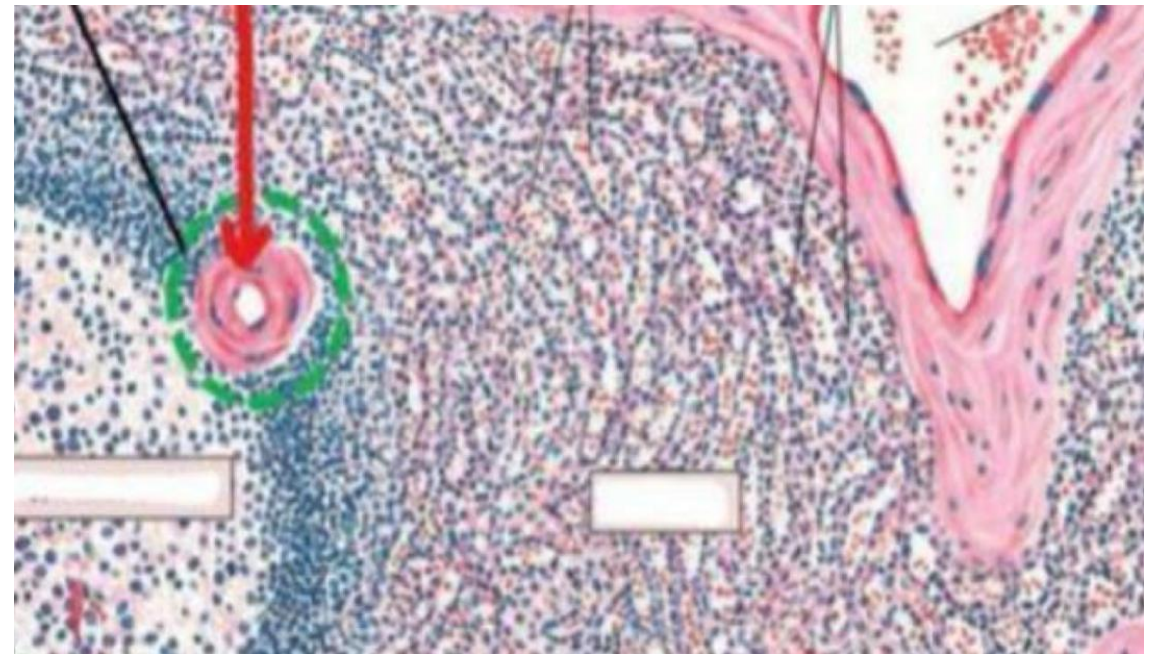


Q18 . The black arrowed structure represents:

Ans : central arteriol



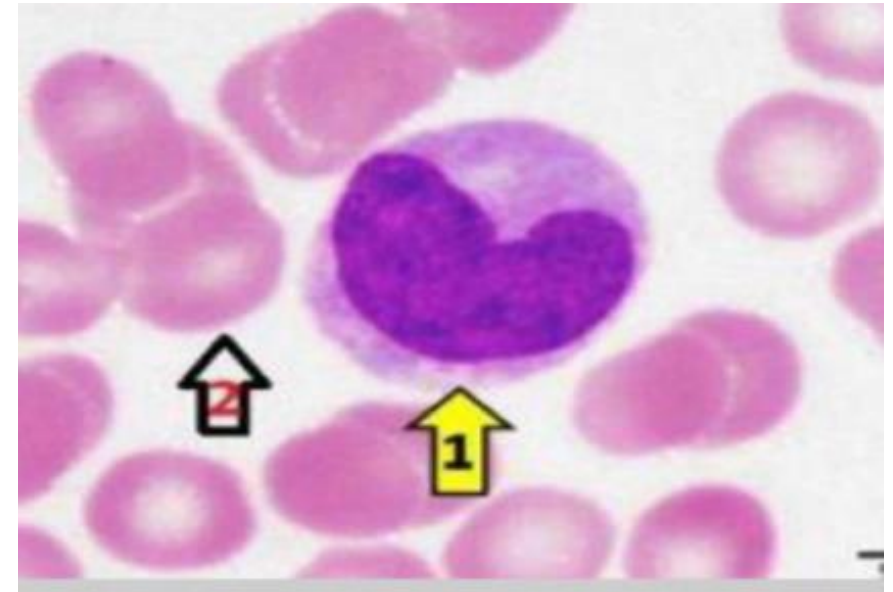
Q19 . The red arrowed structure represents:



Ans : central arteriol

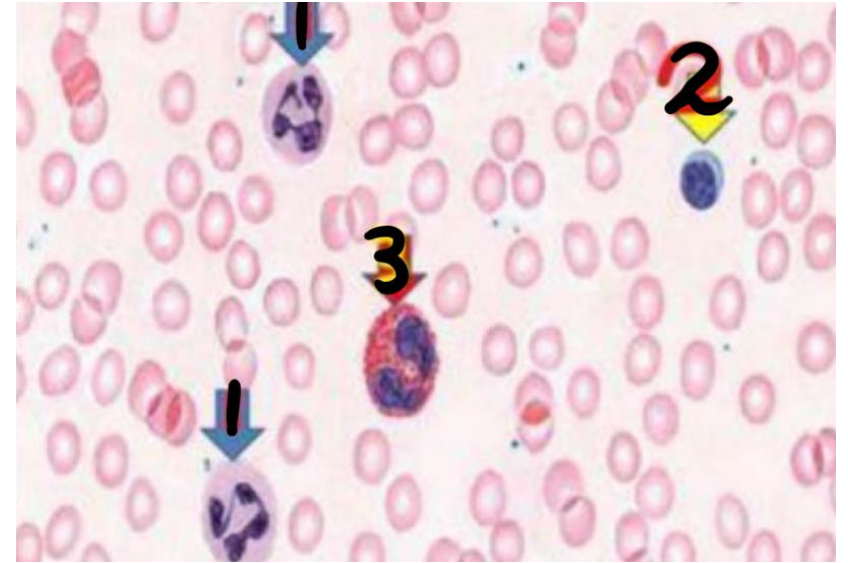
Q20. 1 & 2 represent respectively

- a) Monocyte , erythrocyte
- b) Erythrocyte , monocyte
- c) Lymphocyte , erythrocyte



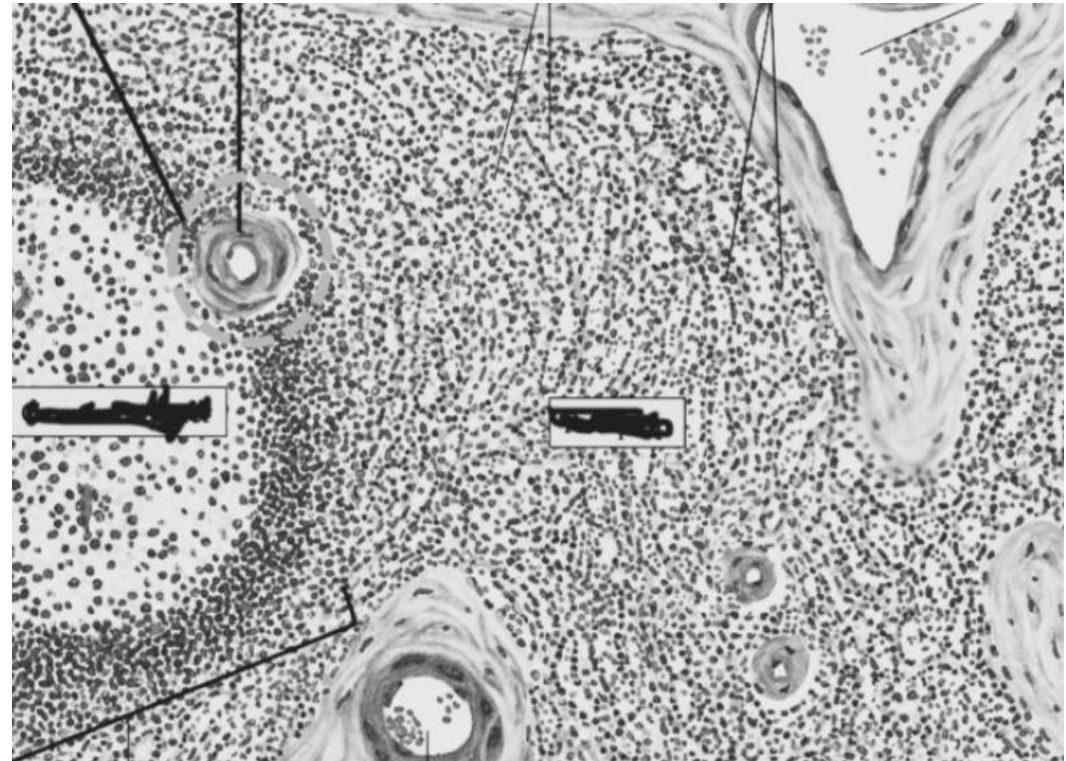
Q21 . Most abundant WBC:

- a) 1
- b) 2
- c) 3



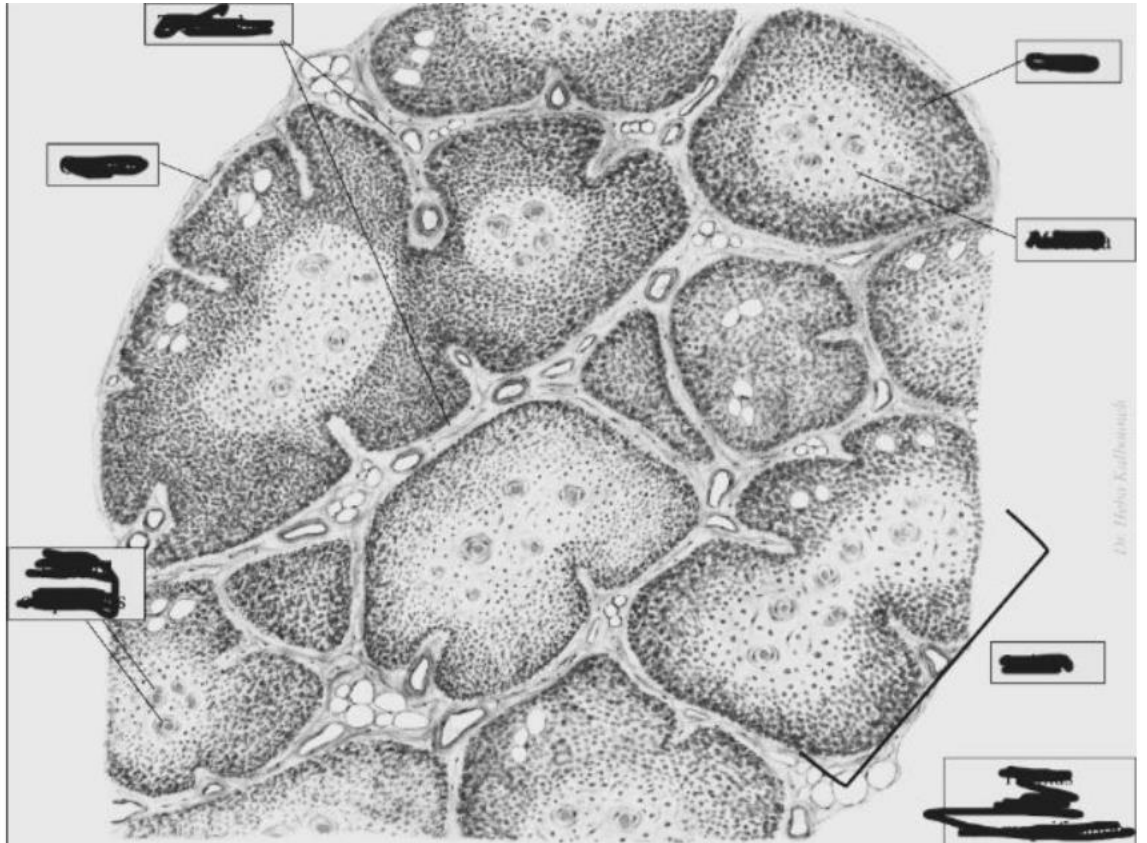
Q22 . Identify the organ this section is taken from

- a) Thymus
- b) Spleen
- c) Palatine tonsil
- d) Lymph node



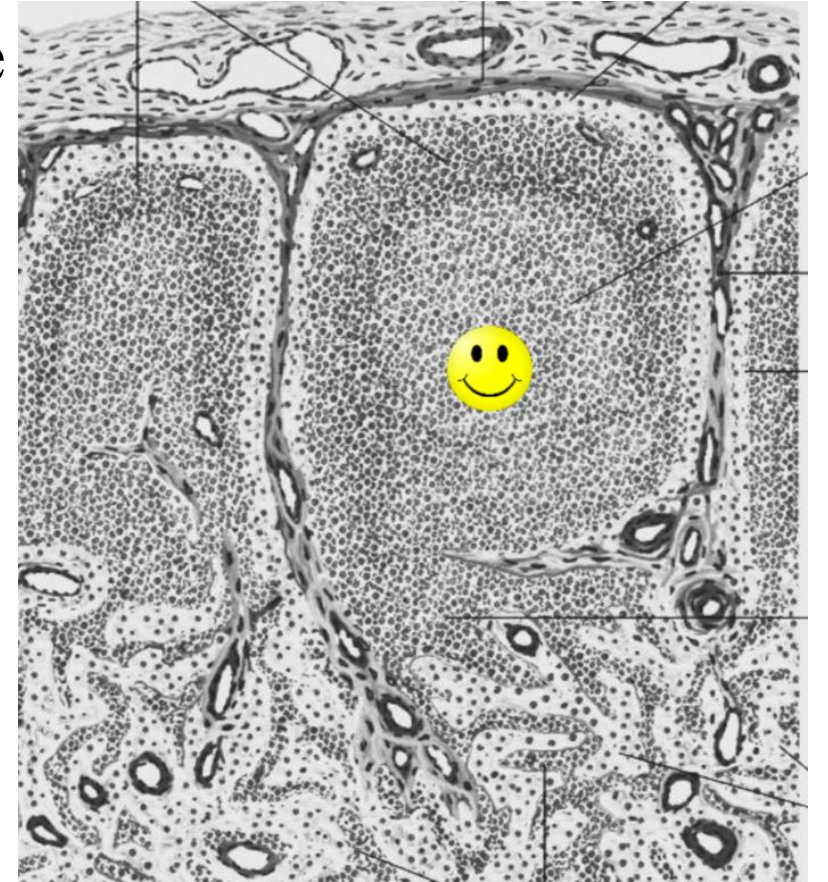
Q23. Identify the organ this section is taken from

- a) Thymus
- b) Spleen
- c) Palatine tonsil
- d) Lymph node



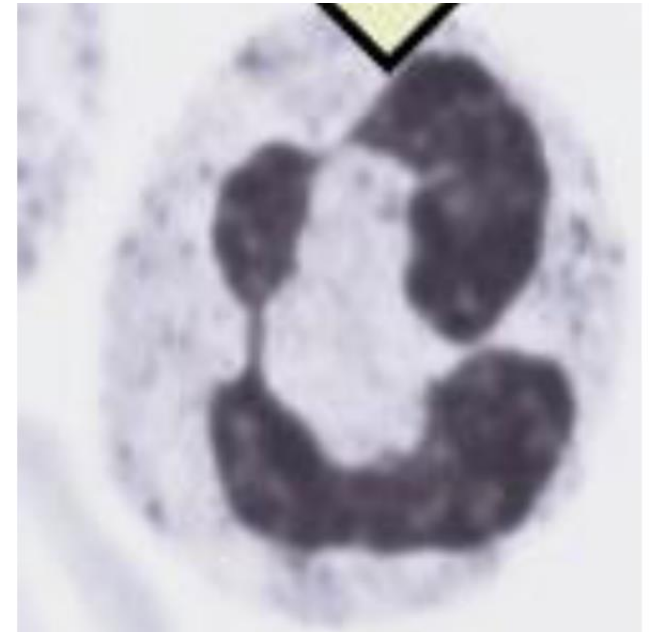
Q24. What could be found in the marked structure

- a) Plasma cell
- b) Inactive B cell
- c) Activated B cells



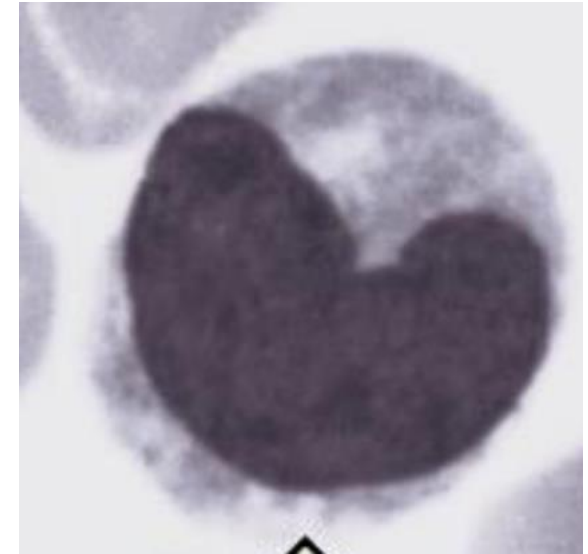
Q25 . Identify

- a) neutrophil.
- b) eosinophil.
- c) Monocyte.
- d) Lymphocyte.
- e) erythrocyte.



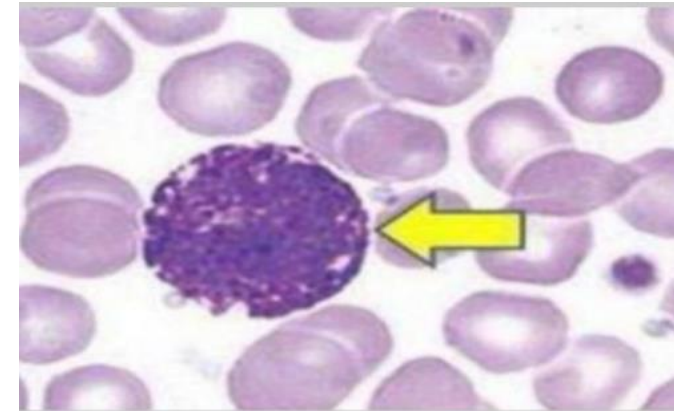
Q26 . Identify

- a) Mast.
- b) eosinophil.
- c) Monocyte.
- d) Lymphocyte.
- e) Band cell



Q27. The labeled cell is characterized under the light microscope by a/an:

- a) Crystalloid granules.
- b) Frosted-glass cytoplasm.
- c) Acidophilia.
- d) Hyalomere.
- e) Nucleus masked by granules.



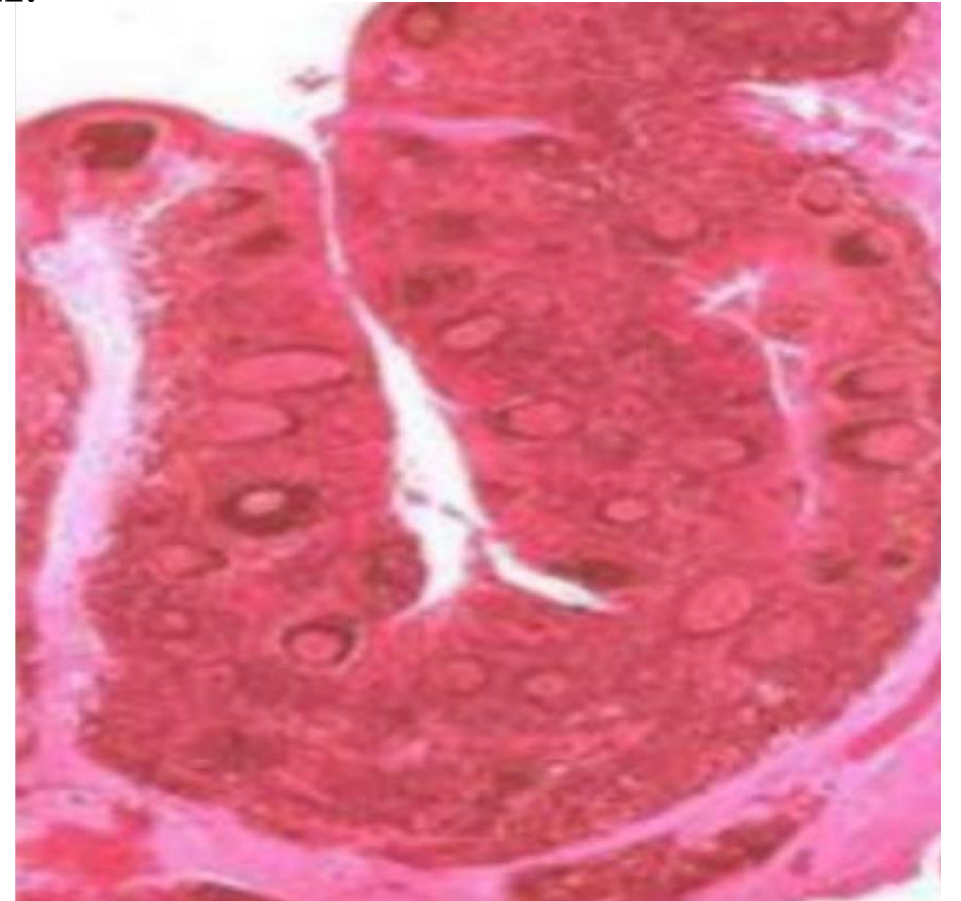
Q28. The following section is taken from:

- a) Lymph node
- b) Spleen
- c) ileum
- d) Thymus
- e) Palatine tonsil



Q29. This section is most probably taken from:

- a) Lymph node
- b) Spleen
- c) ileum
- d) Thymus
- e) Palatine tonsil



الحمد لله

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Corrections from previous versions:

Versions	Slide # and Place of Error	Before Correction	After Correction
V0 → V1	4	E	D
V1 → V2			