

Haematopoietic System

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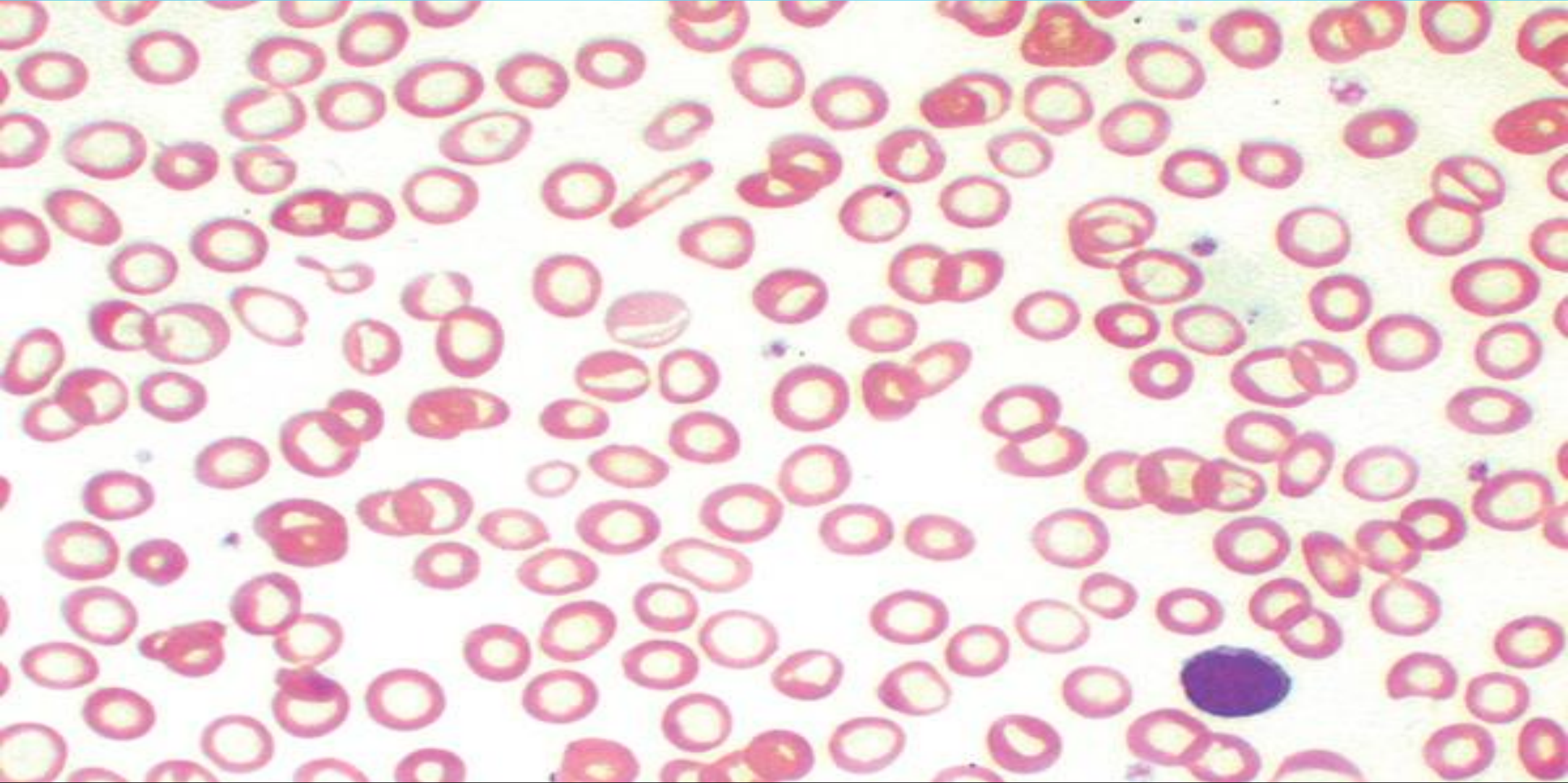
Assist. Lecturer Atheer Nabeel

Diagnosis: Anemia

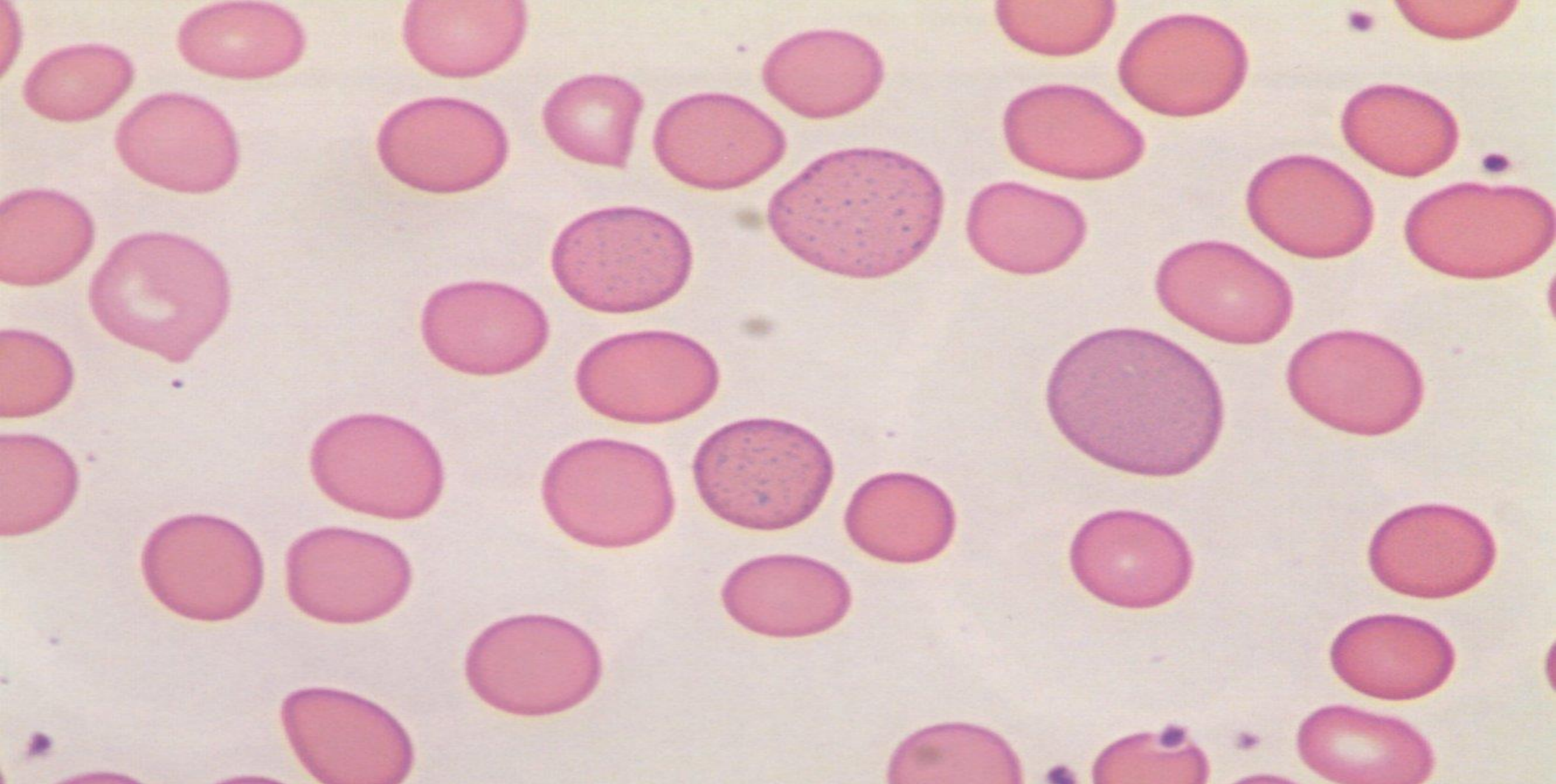
Organ: blood

Lesion:





Hypochromic Microcytic anemia- Iron



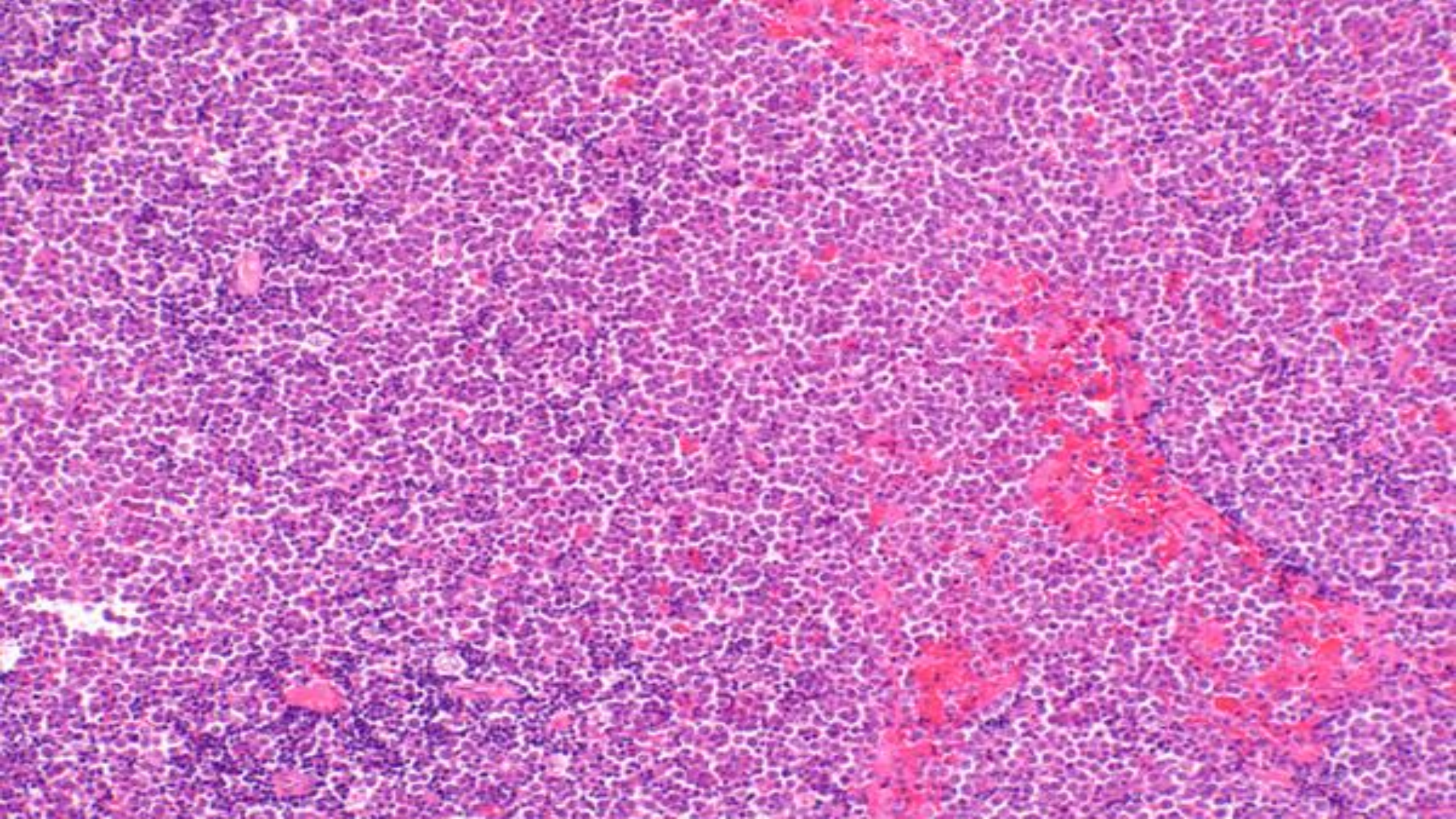
Hyperchromic Macrocytic anemia- B12

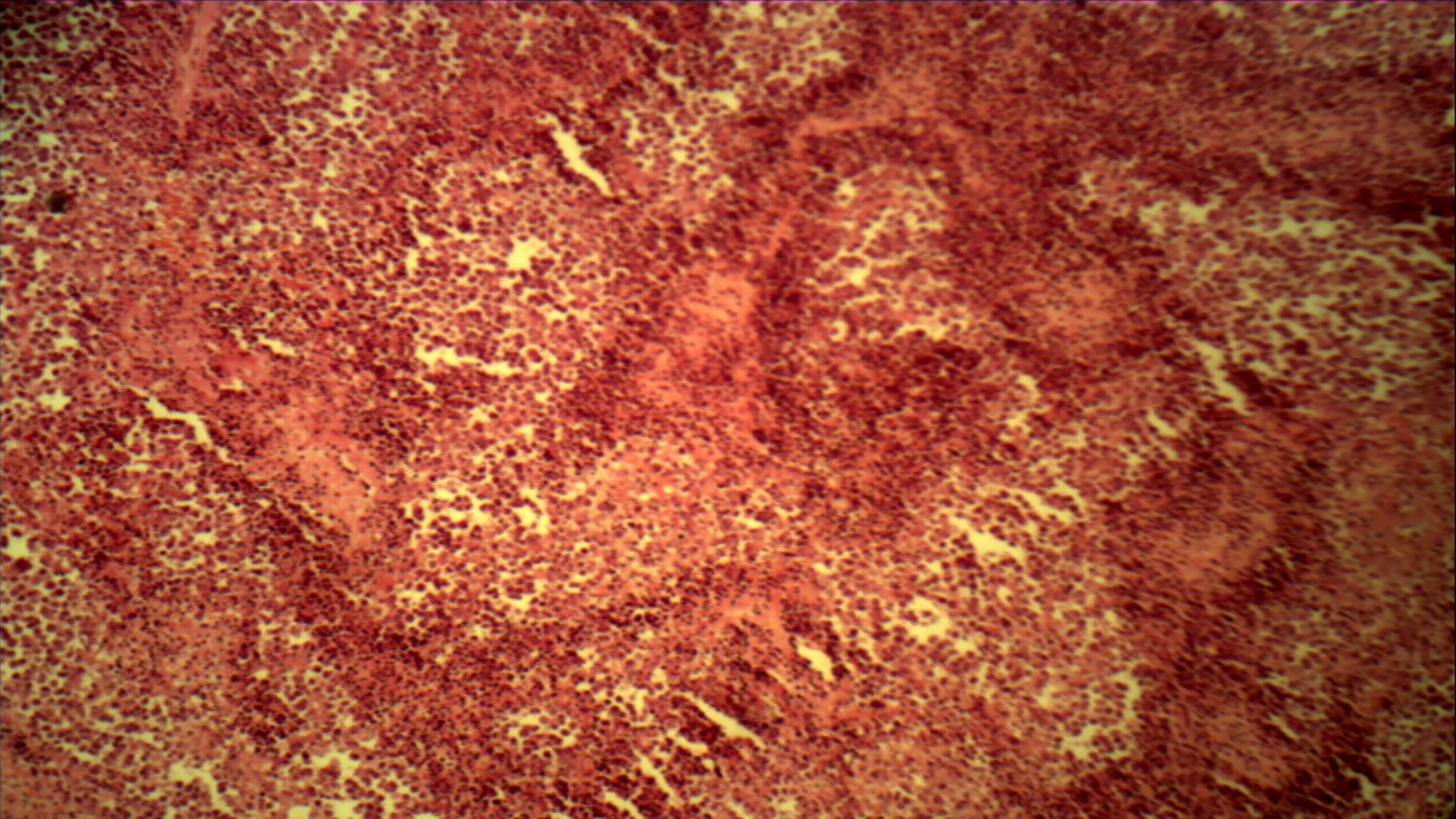
Diagnosis: Lymphosarcoma

Organ: Lymph node

Lesion:

Disappearance of natural and architectural view of organ by infiltration and proliferation of large numbers of plasma cells, pleomorphic lymphocytes which is in mitotic figures.



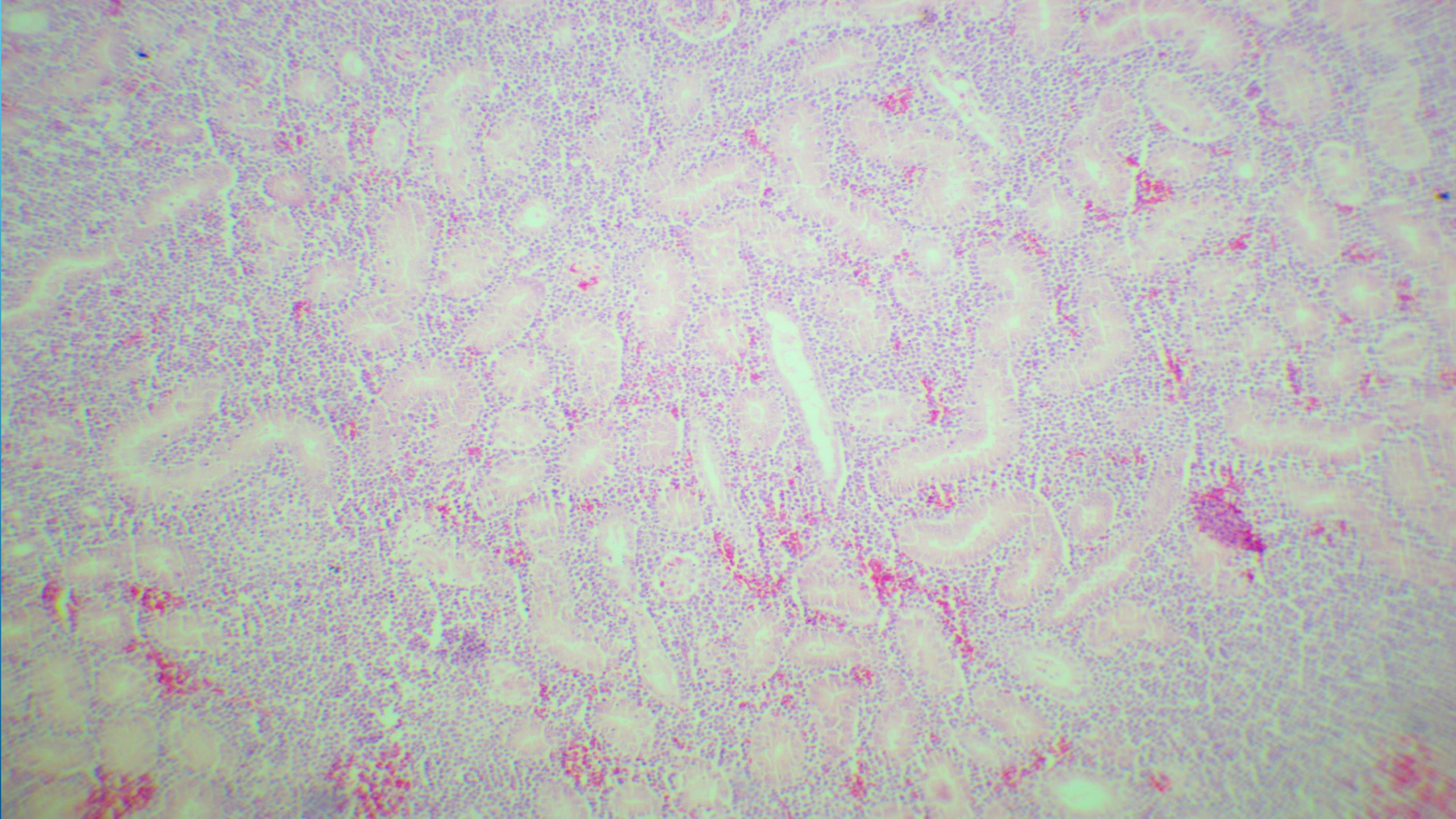


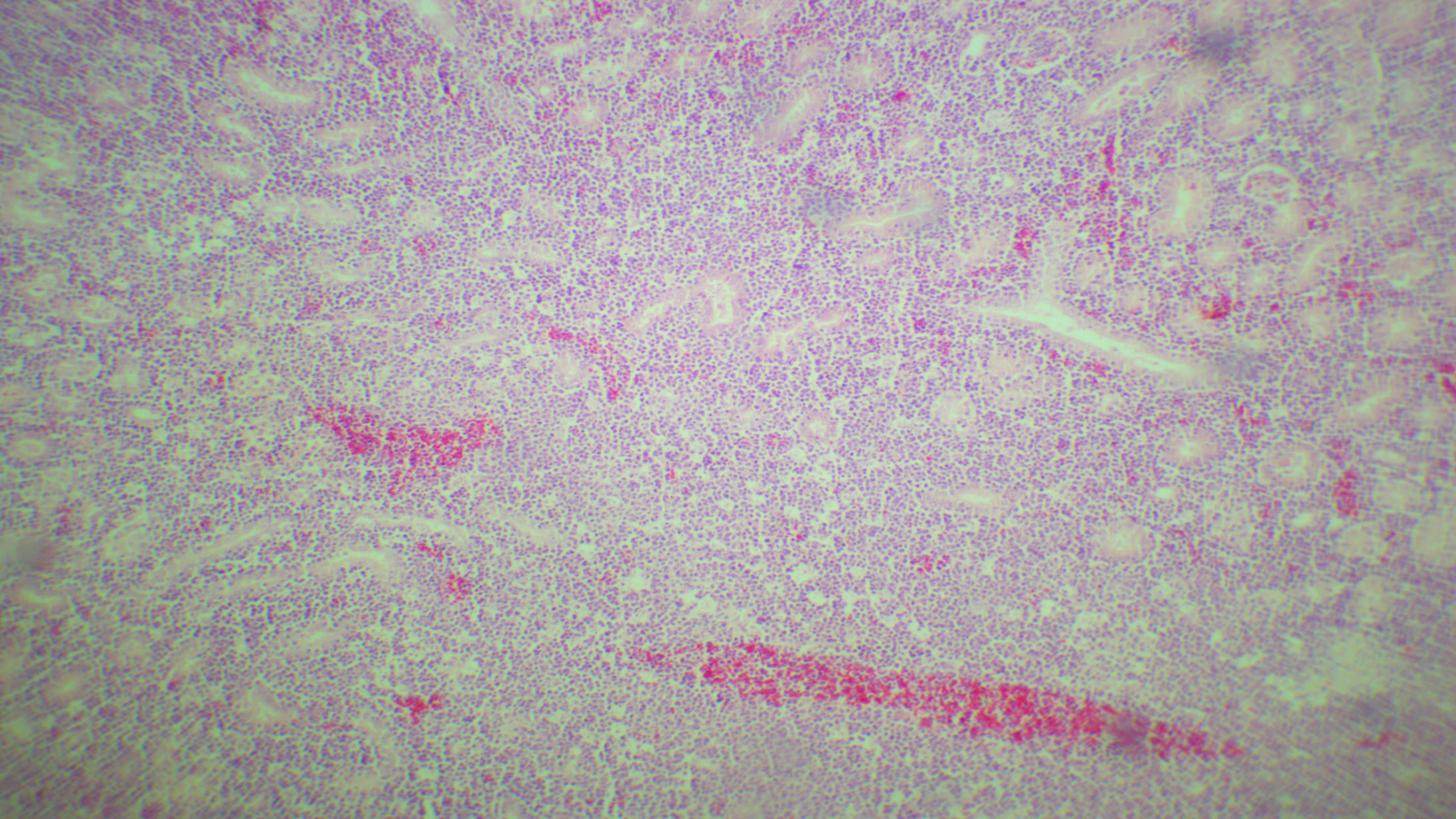
Diagnosis: Leukosis

Organ: Kidney

Lesion:

1. Infiltration of large numbers of leukocytes in interstitial tissue of kidney.
2. Necrosis of renal tissue.
3. Hemorrhage could be found.



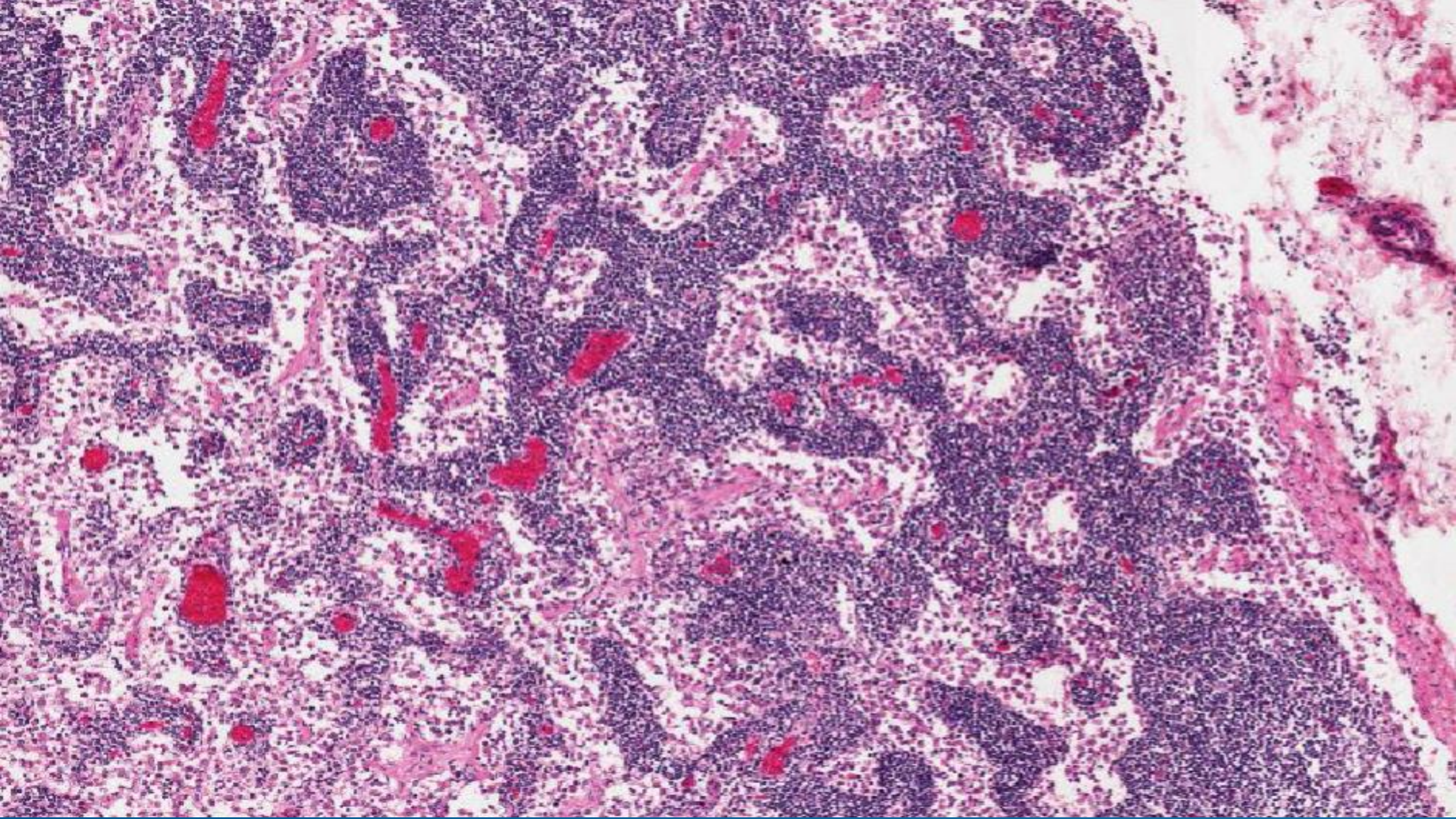


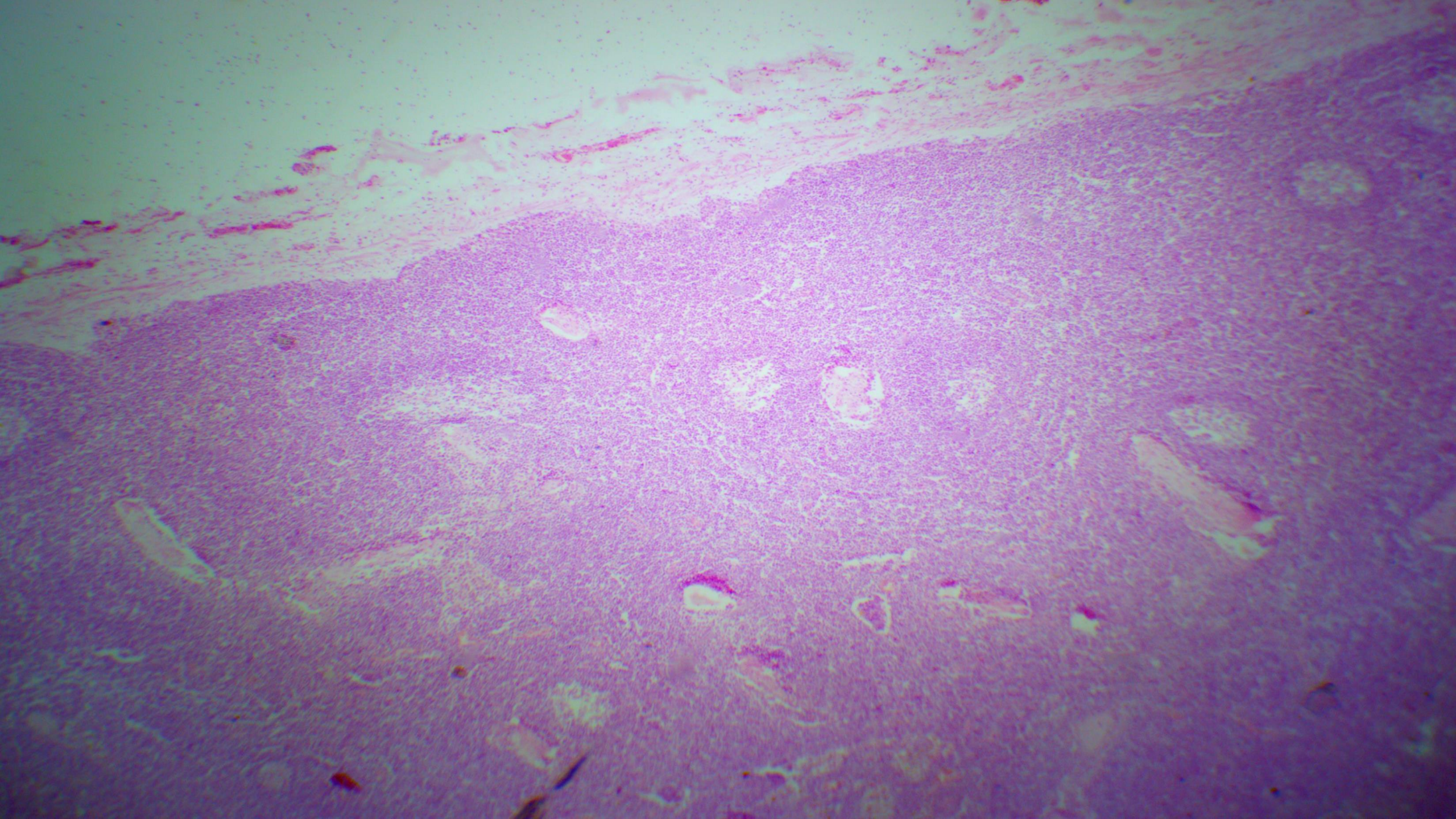
Diagnosis: Acute Serous lymphadenitis

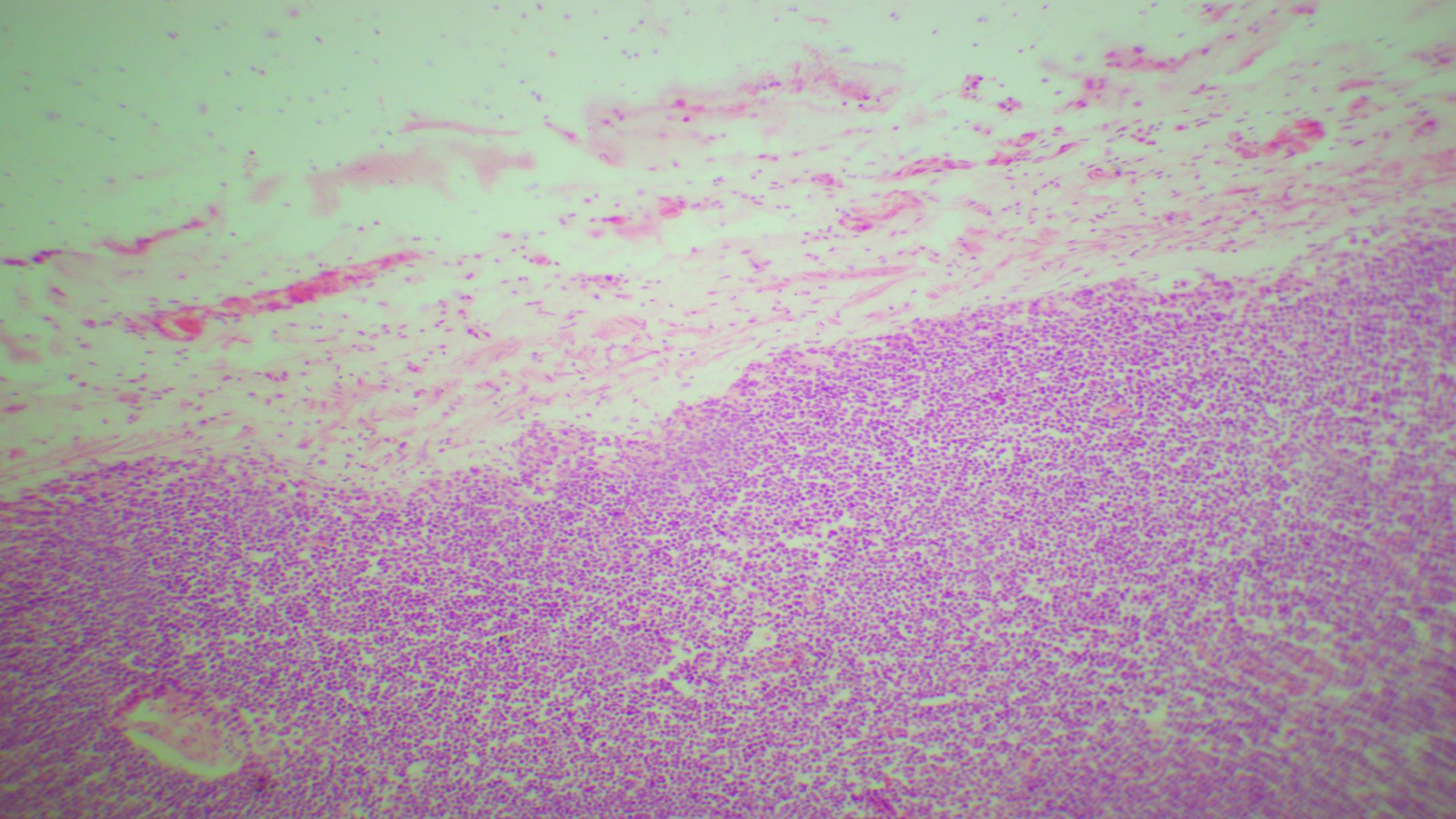
Organ: Lymph node

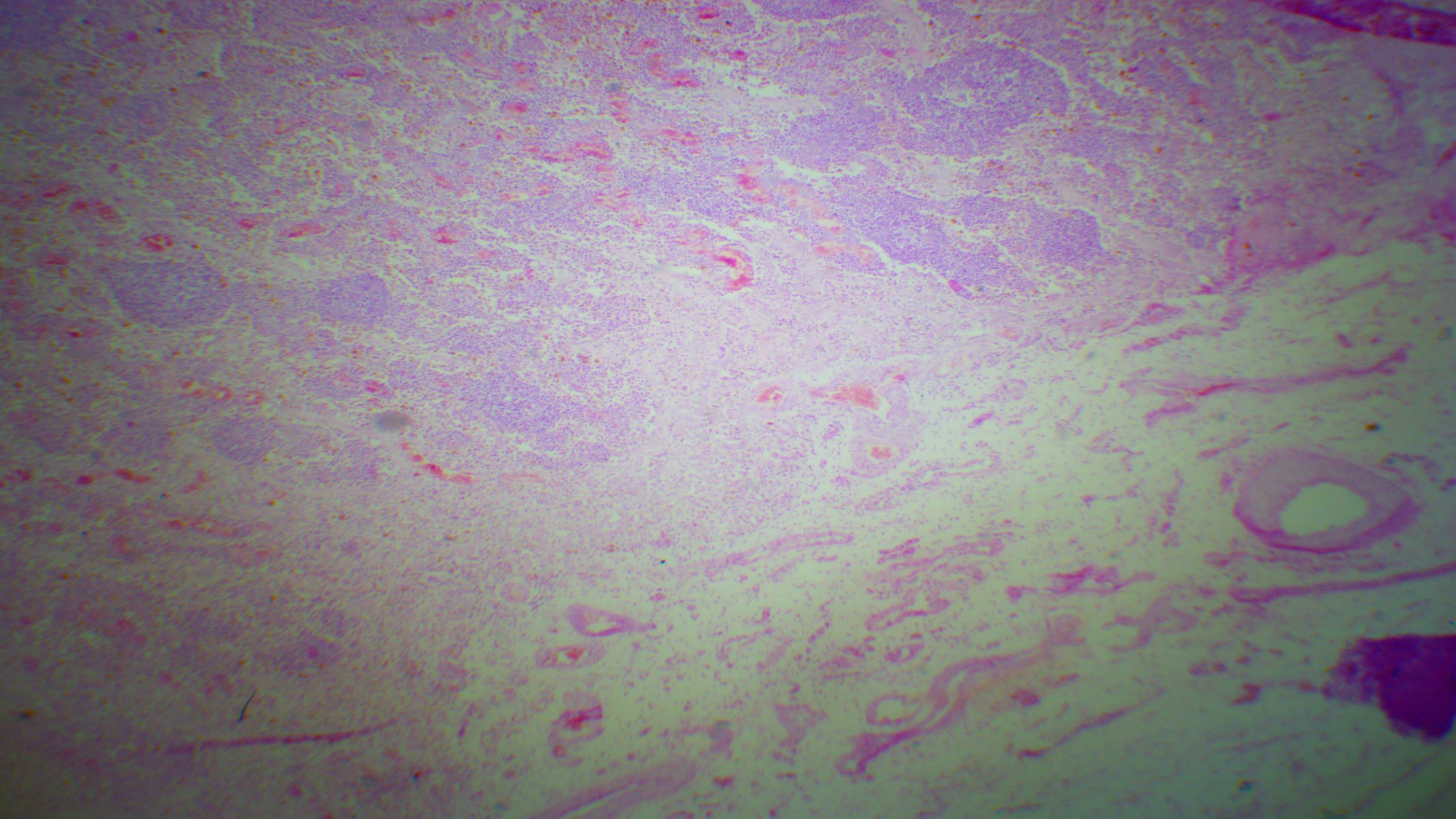
Lesion:

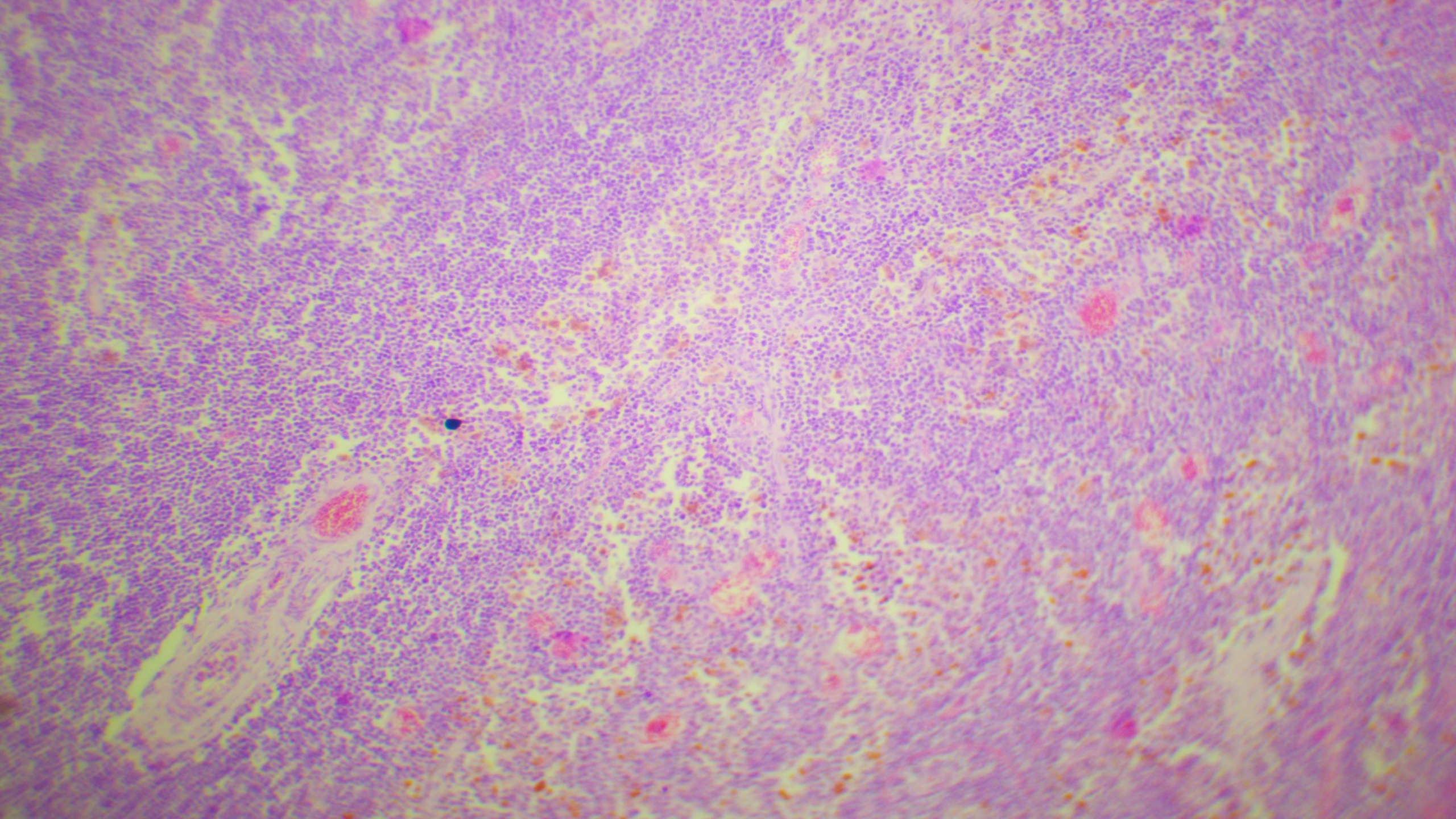
1. Congestion of blood vessels.
2. Presence of serous exudate especially under the capsule.
3. Infiltration of polymorph nuclear inflammatory cells.











Diagnosis: Caseous lymphadenitis

Organ: Lymph node

Lesion:

1. Loss of cellular and architectural details of tissue.
2. Presence of homogenous pink material in the center of necrotic area surrounded by phagocytes, plasma cells and Langhan's giant cells.
3. Blue patches in the center of necrotic tissue which represent calcium salts deposition.

