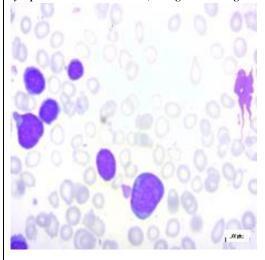
## **Prompt:**

Assuming you are an experienced doctor, please analyze this peripheral blood smear image to see if you have acute lymphoblastic leukemia (benign or malignant), and if so, which stage you are in (early-pre, pre, pro).



## **GPT-4V:**

- **1. Cell Morphology:** The image shows several larger, round or oval cells that could be lymphocytes. Some of these cells are larger in size, with a centric radiating nucleus and reduced cytoplasm.
- 2. Cell Nucleus: Some cells display a larger nucleus with deeper staining and irregular boundaries.
- **3.** Nucleus/Cytoplasm Ratio: Some cells show an elevated nucleus to cytoplasm ratio, which might be observed in cases of malignant transformation of certain lymphocytes.
- **4. Other Cells:** There are also some red blood cells and neutrophils in the image, which appear relatively normal.

## **Preliminary Conclusion:**

The cell morphology in the image could be consistent with Acute Lymphoblastic Leukemia (ALL). However, it's difficult to determine from this image alone whether it's benign or malignant, and if malignant, which stage it is in (early-pre, pre, pro). A true diagnosis would require detailed laboratory tests, including flow cytometry, cytogenetics, and molecular biology tests.

## **Reference answer:**

Acute Lymphoblastic Leukemia, Hematogones.