

OTHER WHITE BLOOD CELL ANOMALIES

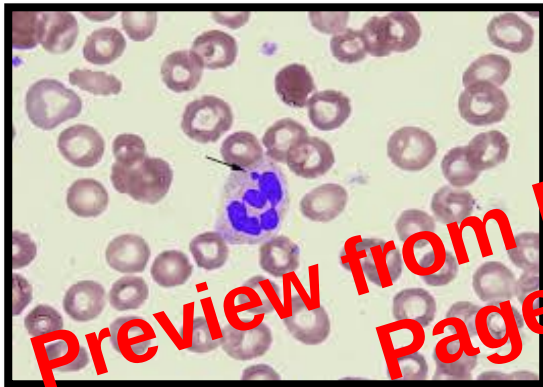
- Malignancy-associated changes
- Barr Bodies
- Tart Cell
- LE Cell

1. MALIGNANCY-ASSOCIATED CHANGES

- **APPEARANCE** : Thin, Thread-like pointed, small inclusions surrounded by halos within the cytoplasm of monocytes

2. BARR BODIES

- **APPEARANCE** : Nuclear appendage in 5-10% of human females origin
- Contain a special sex chromatin called a drumstick or barr body attached to one lobes of the segmented nucleus



3. TART CELL

- **APPEARANCE** : monocytes that have engulfed nuclear material
- Phagocytosed frequently eosinophilic nucleus with and almost intact nuclear pattern, is frequently vacuolated, and has a conspicuous, condensed chromatin, especially around its circumference
- **CLINICAL SIGNIFICANCE** : positive test is usually diagnostic of disseminated lupus erythematosus
- Also positive in patients with periarteritis nodosa, dermatomyositis, scleroderma, drug hypersensitivity, RA, Hepatitis and hydralazine syndrome