An Introduction to Normal Thrombocytes in Peripheral Blood Smears

THROMBOCYTES
Thrombocytes are:

- also called platelets.
- are cell fragments of megakaryocytes.
- involved in the clotting process.
Thrombocytes Data

- **Size**: 2-4μm
- **Nucleus**: N/A
- **Cytoplasm**: light blue to colorless
- **Granules**: red to violet
- **Peripheral Blood**: 7-25 per 100X oil immersion field
Thrombocyte Slide #2
Thrombocyte Slide #4
Thrombocytes (platelets):
- secrete substances important for the tone and permeability of vessel walls.
- initiate the clotting process.
- Too few platelets can lead to spontaneous bleeding.
- Too many platelets can lead to clots in the blood stream which can lead to strokes and heart attacks.