Pearls

- Circumscribed collection of adipose tissue, spindle cells, and blood vessels.
- Vessels show intravascular thrombi
Cutaneous Mastocytoma
Pearls

• Diffuse collection of mast cells

• Usually mixed with eosinophils

• Confirm with Leder stain
Axillary Granular Parakeratosis
Pearls

- Pronounced hyper and parakeratotic scale
- No viral cytopathic changes or dysplasia
- Psoriasiform elongation of rete ridges
- Minimal inflammation
- Clinical correlation with site although there are recent reports of extra-axillary lesions
Pigmented Spindle Cell Nevus
Pearls

- Circumscribed proliferation of spindled melanocytes with heavy but even melanin pigmentation
- Minimal variation in size and shape of melanocytes
Invasive Squamous Cell Carcinoma, Poorly Differentiated
Pearls

- Invasive nests of pleomorphic squamous epithelial cells
- Look for areas of squamous pearl formation and intercellular bridges
- May be completely replaced with sheets and cords of poorly differentiated cells
- Beware of perineural or lymphovascular invasion
- May need IHC to confirm (CK+)