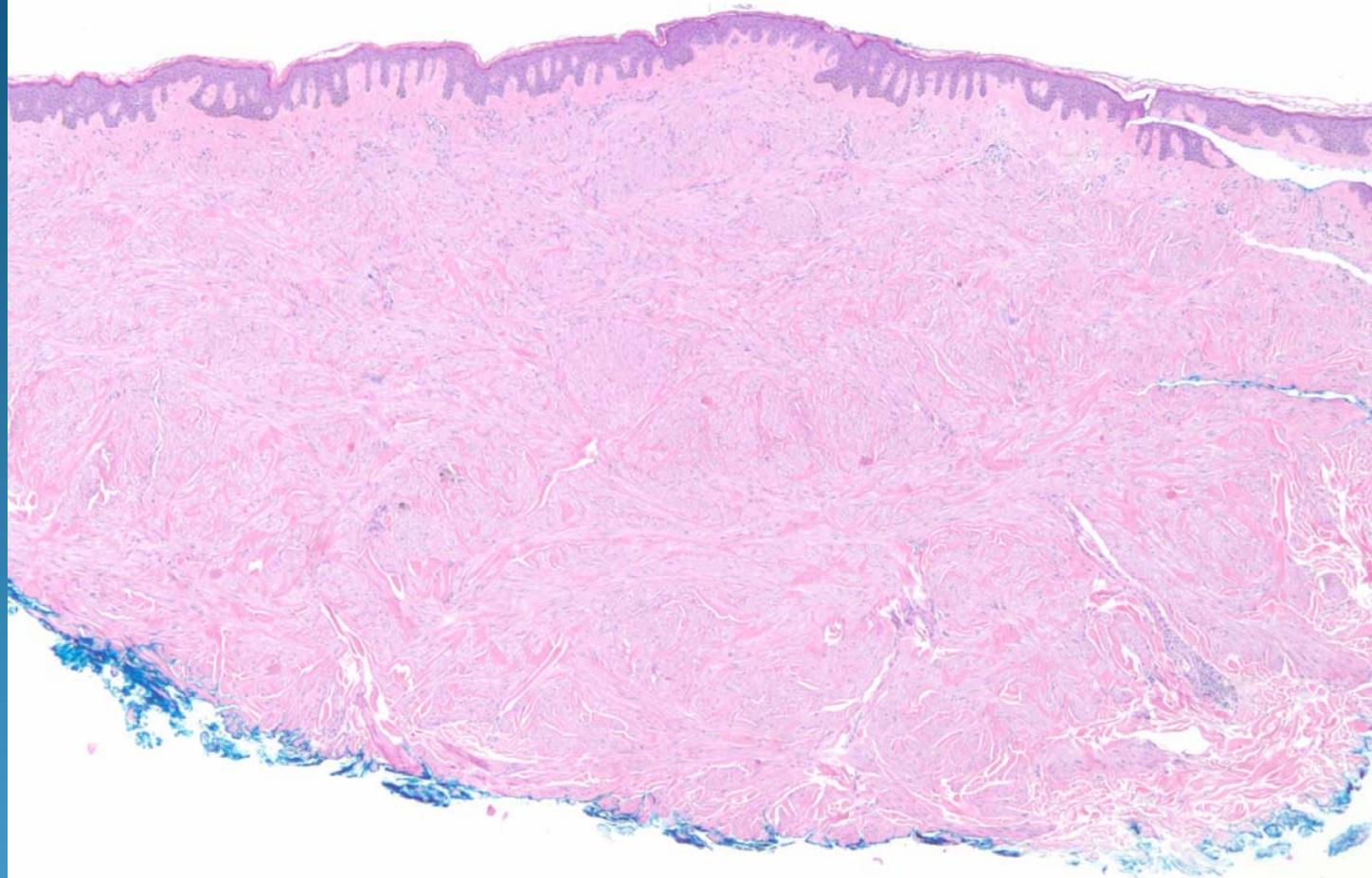
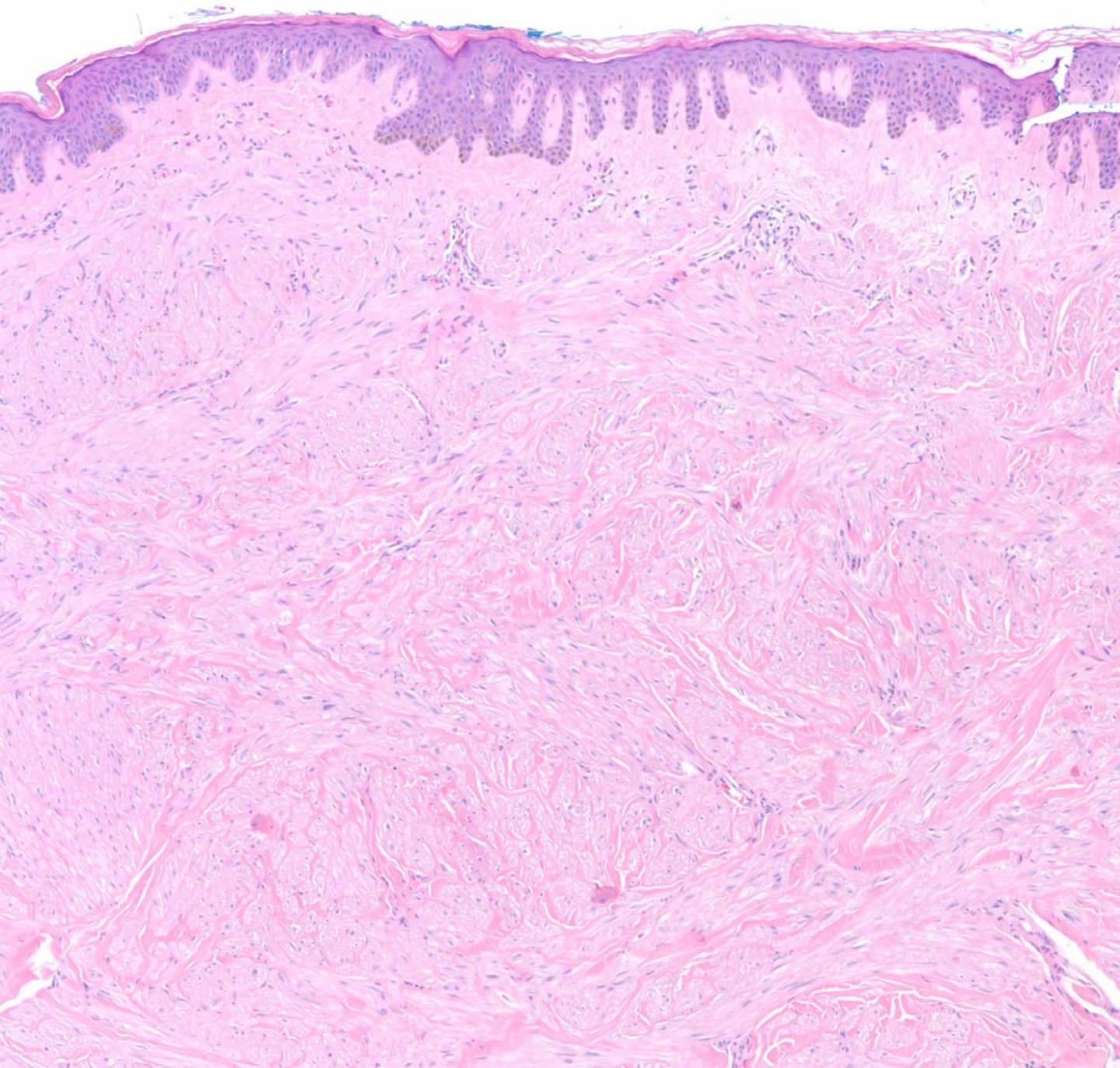
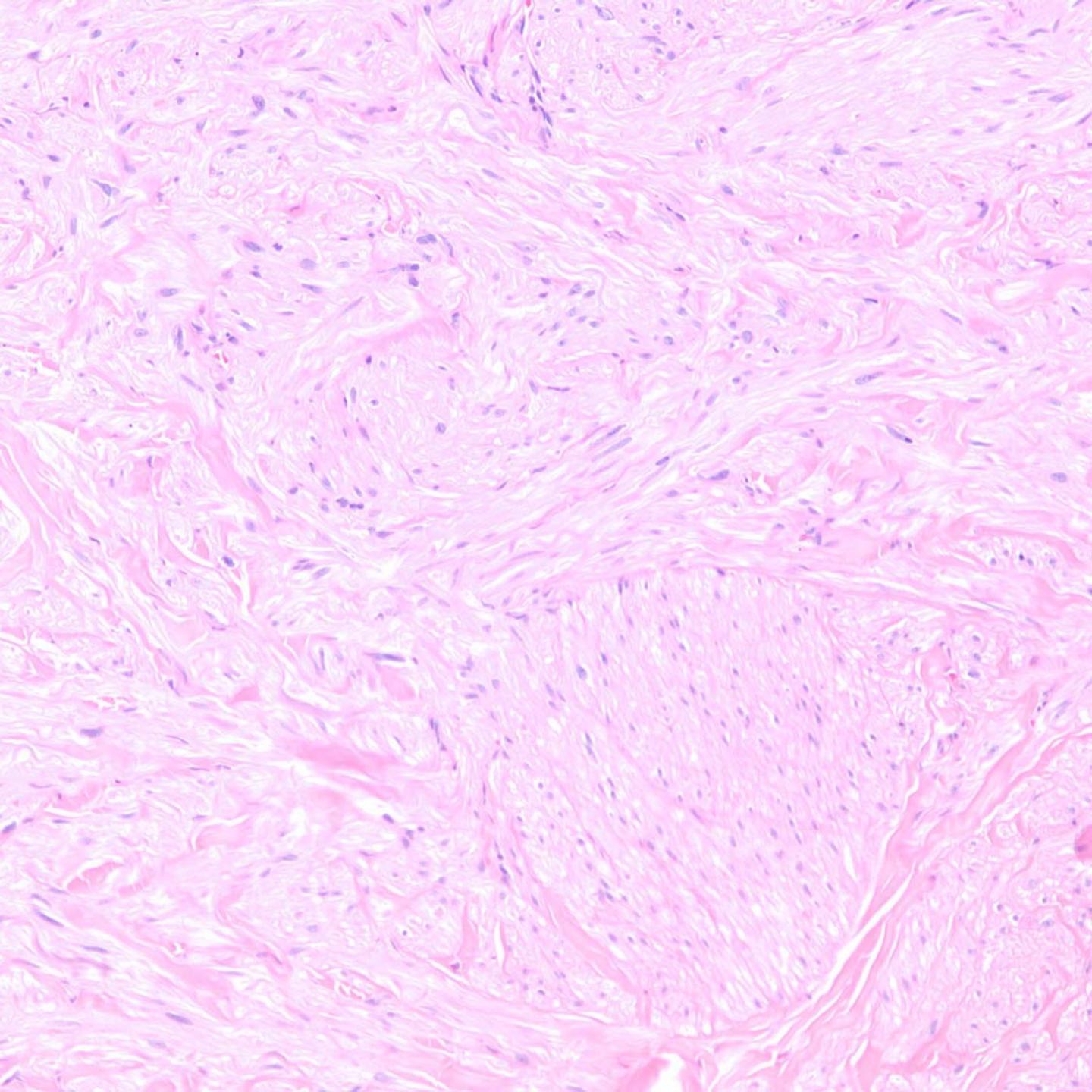


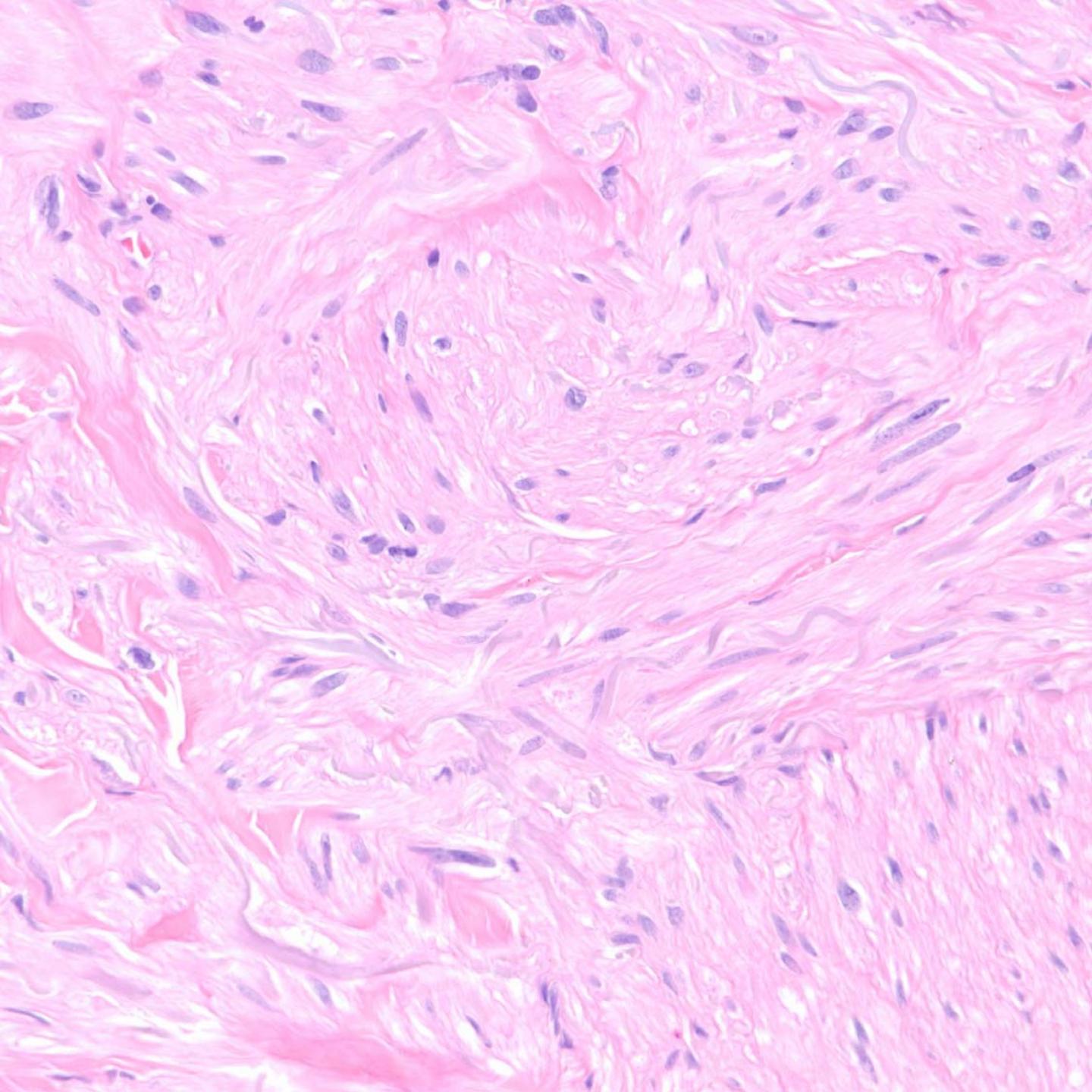
# Dermatopathology Slide Review Part 40

Paul K. Shitabata, M.D.  
Dermatopathology Institute

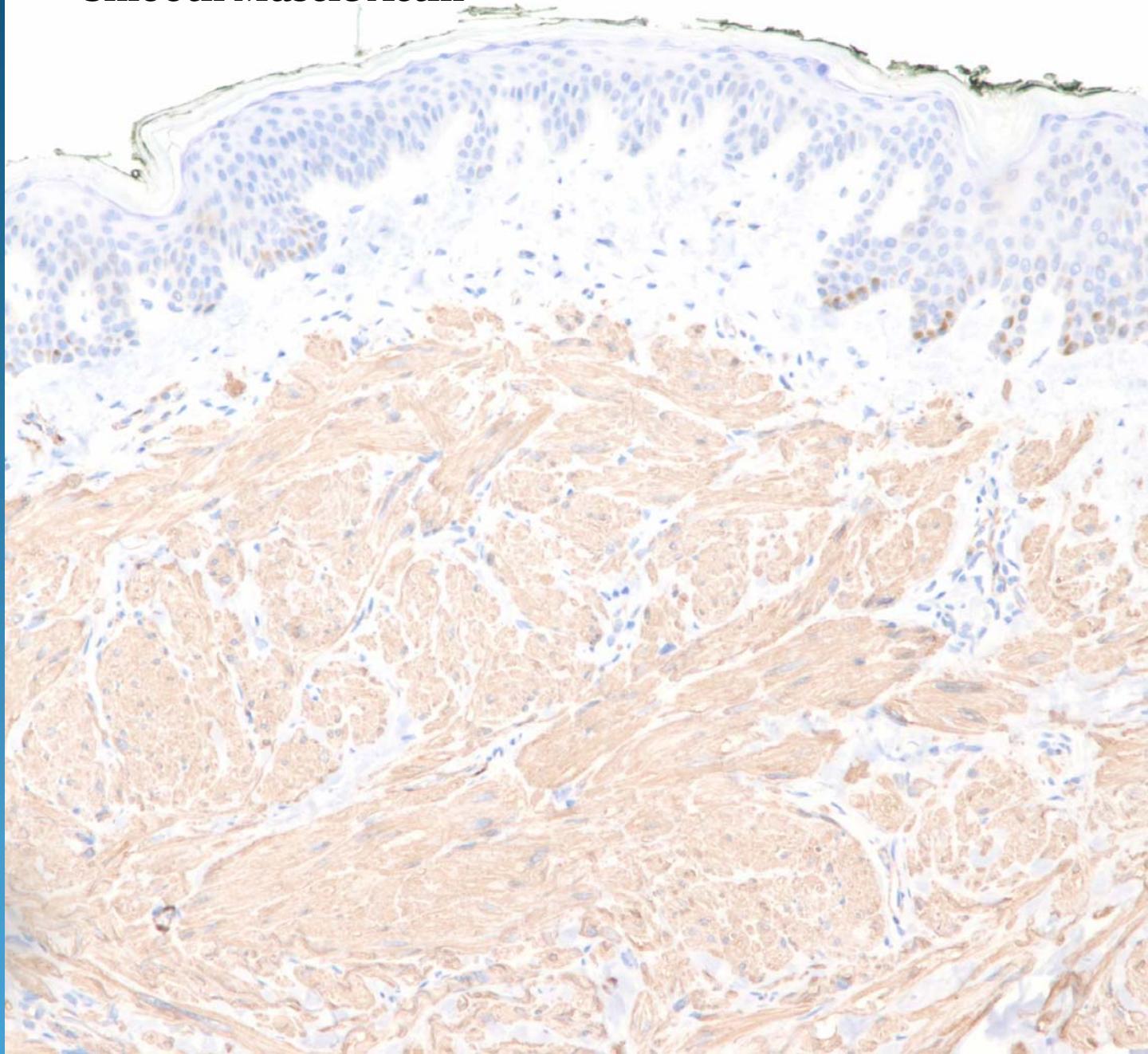






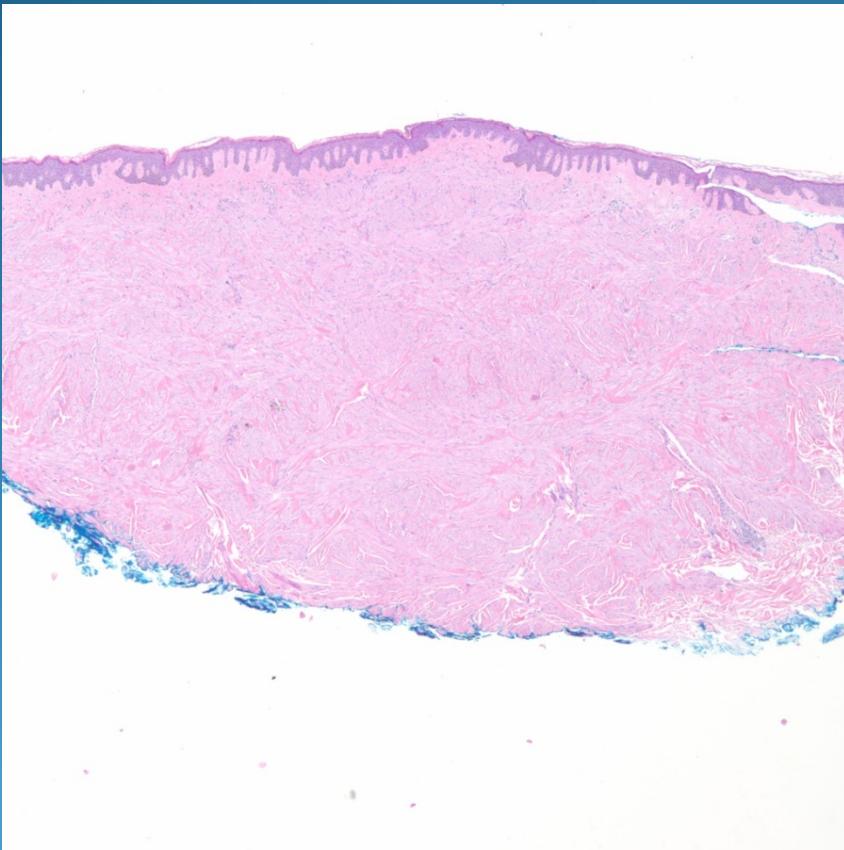


## **Smooth Muscle Actin**

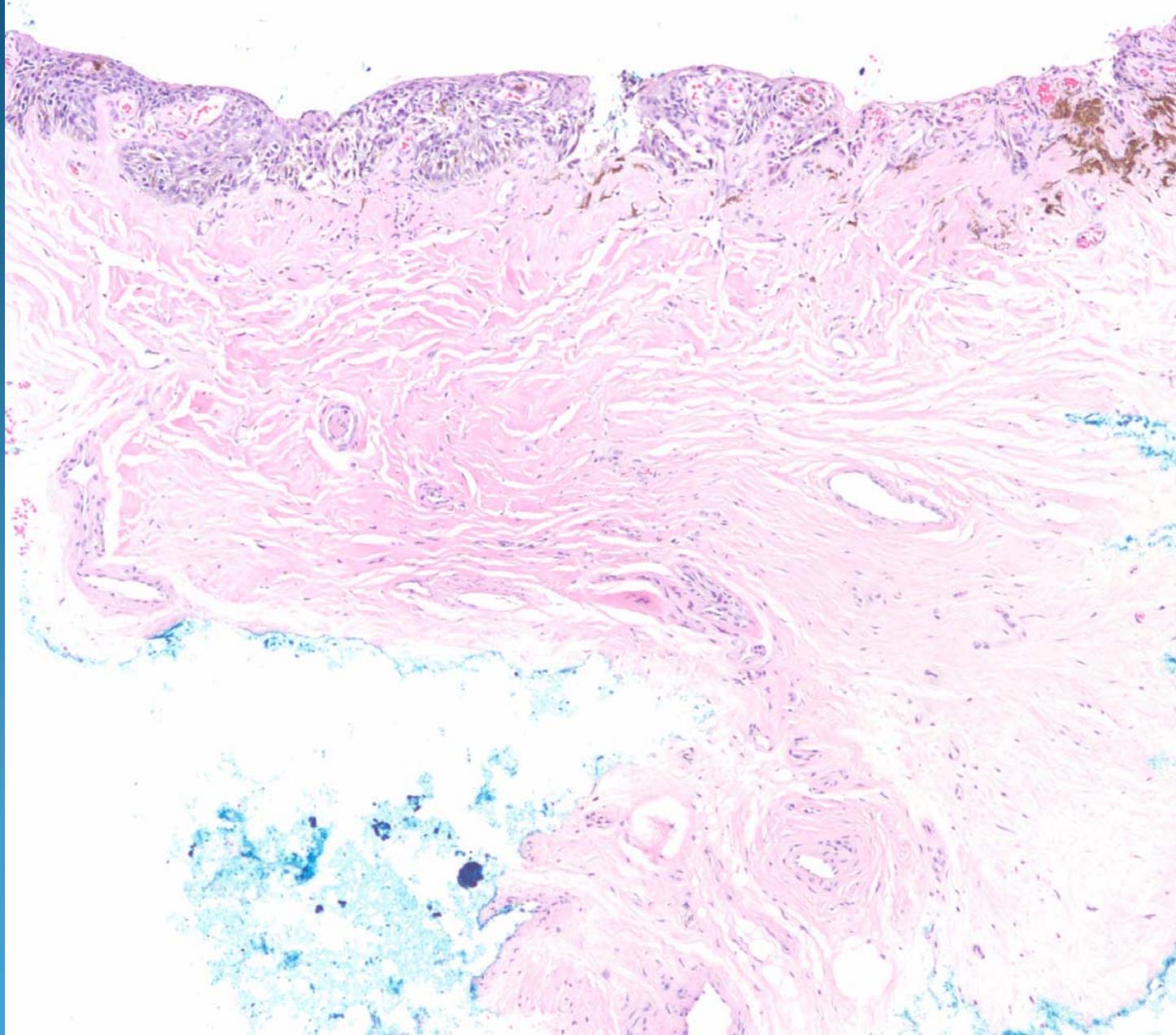


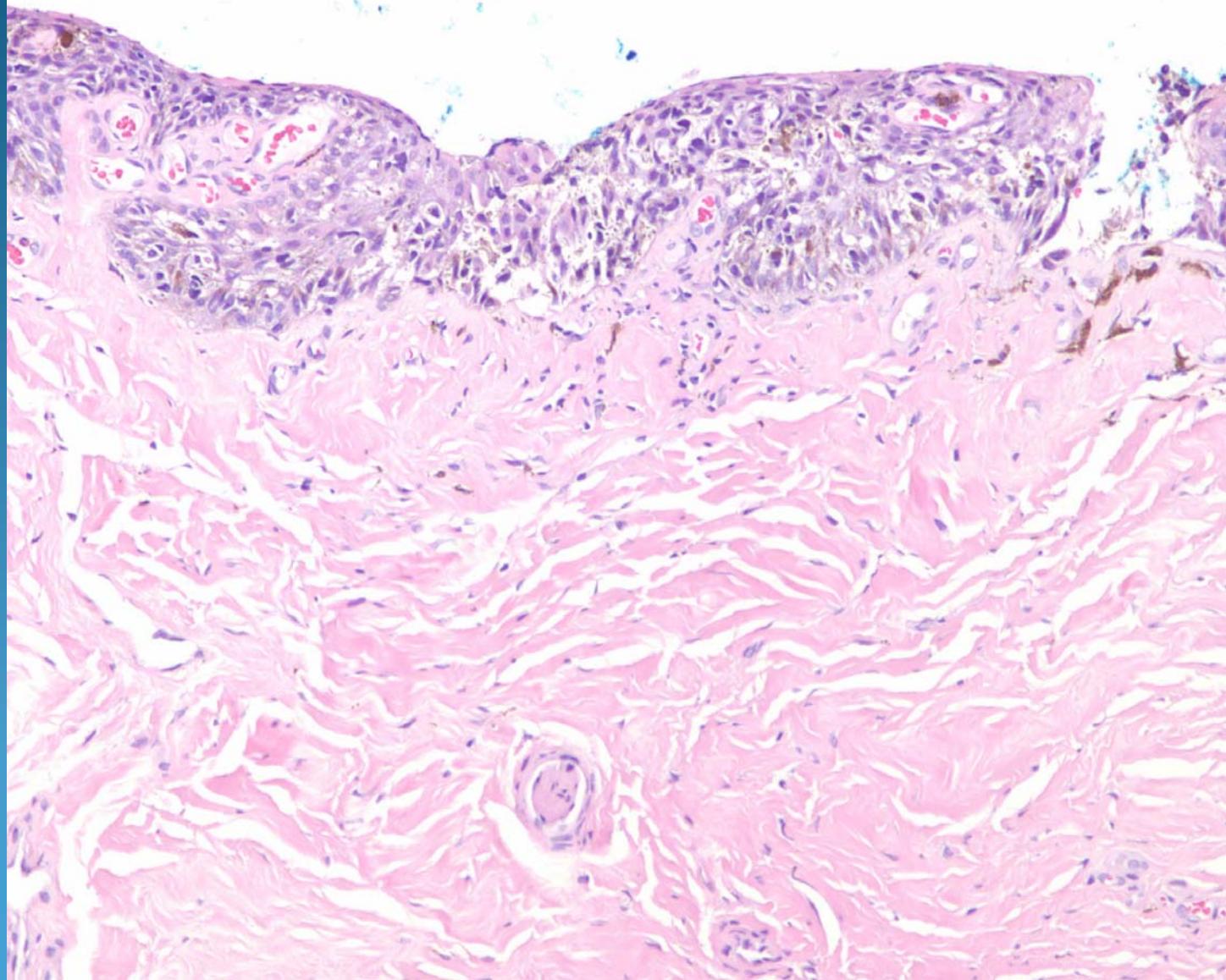
# Cutaneous Leiomyoma

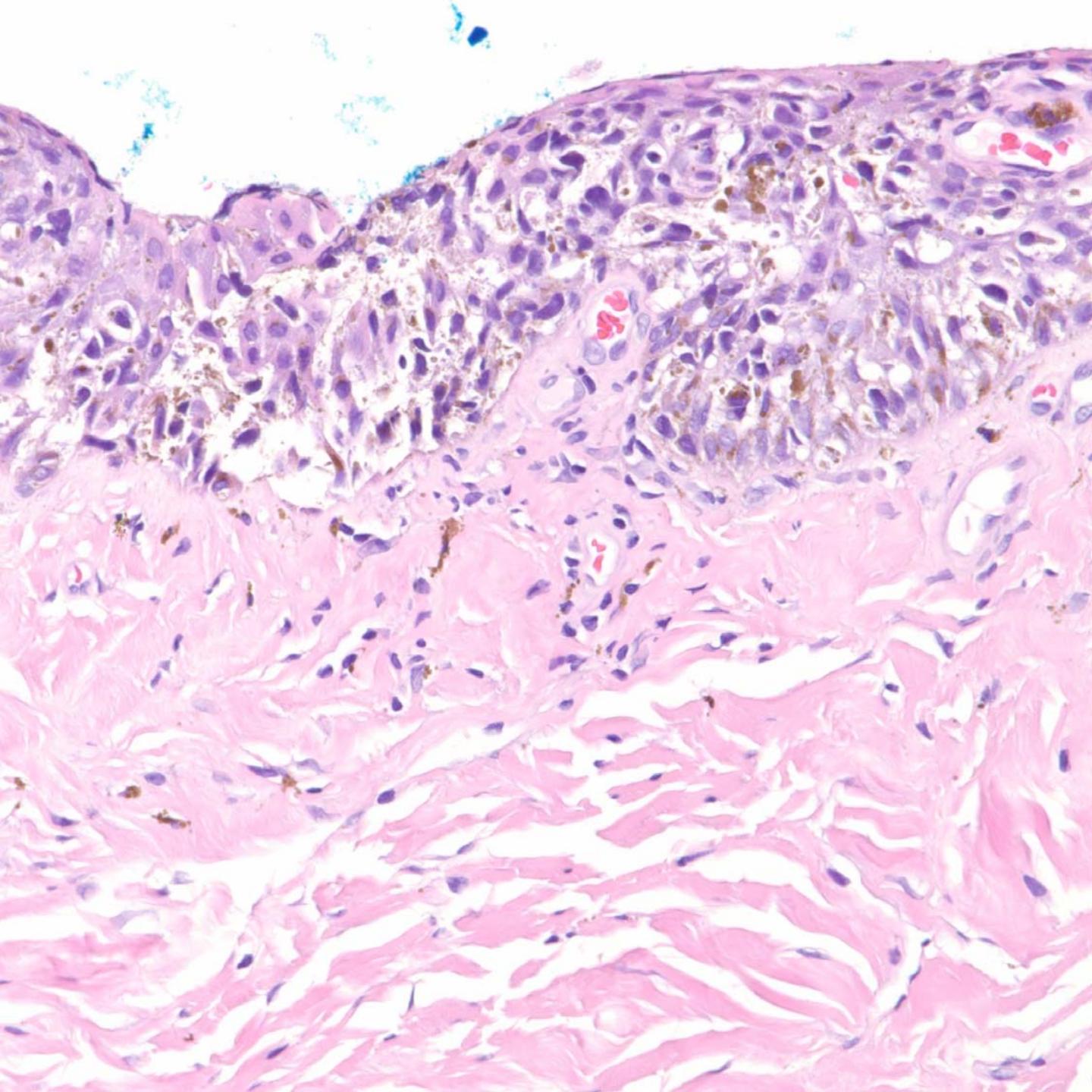
# Pearls

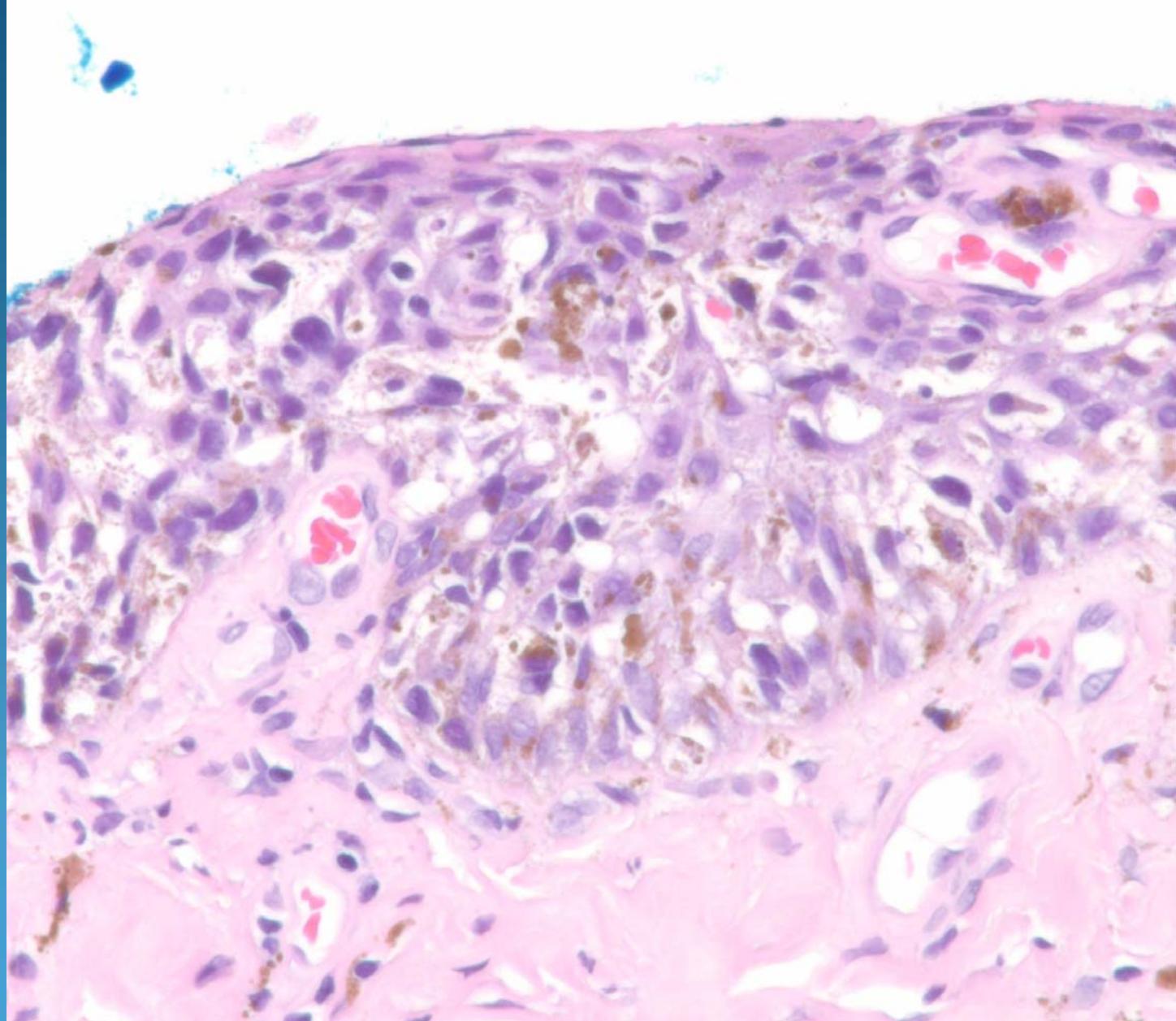


- Partly circumscribed proliferation of bland spindle cells
- Slender nuclei may show perinuclear halo
- Minimal atypia and rare typical mitotic figures
- May confirm with smooth muscle actin IHC



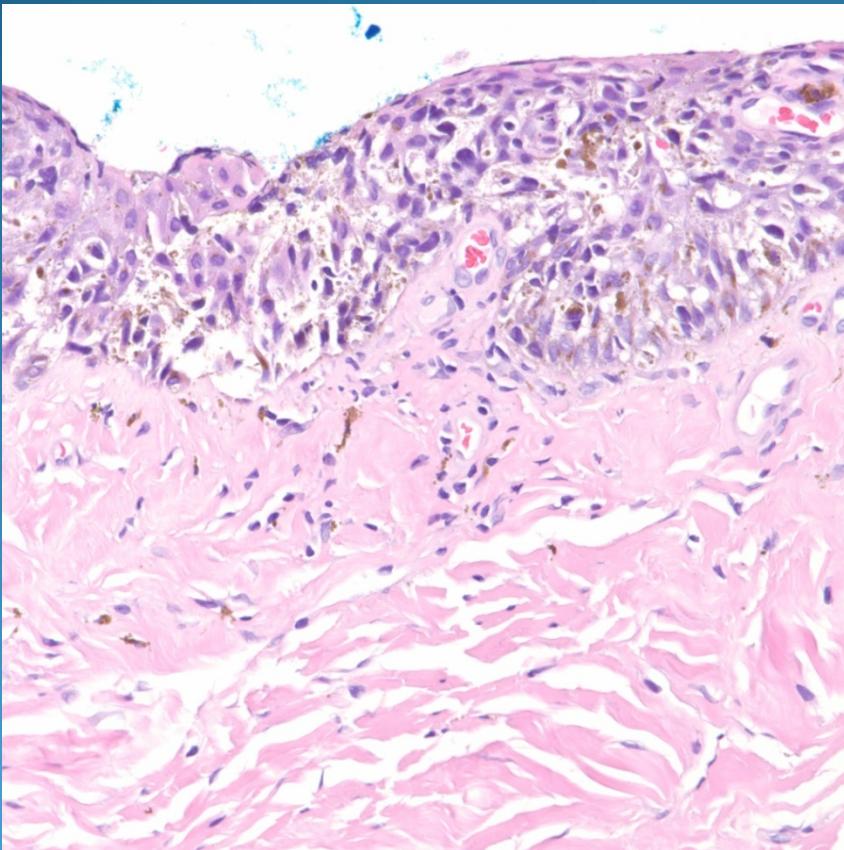




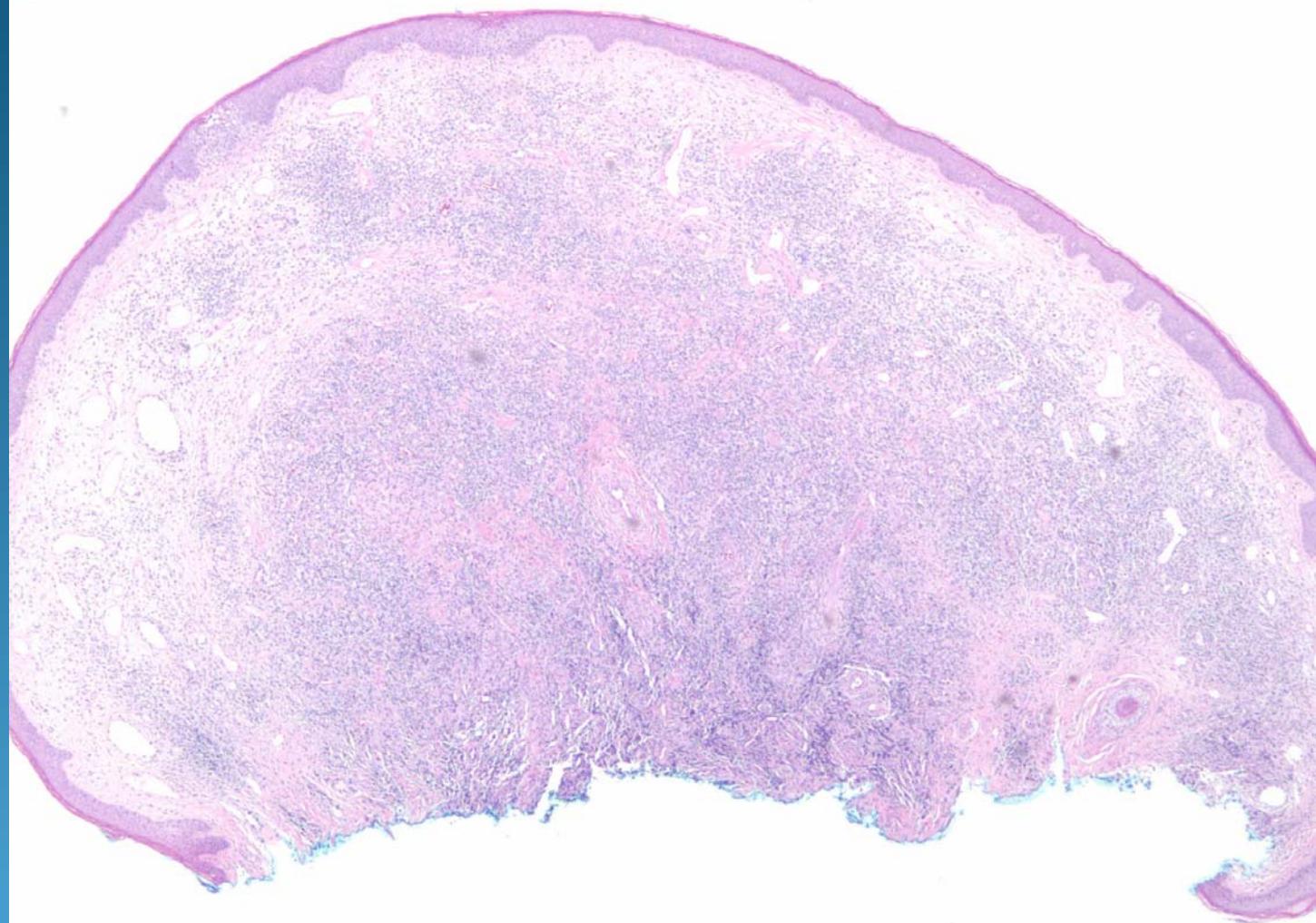


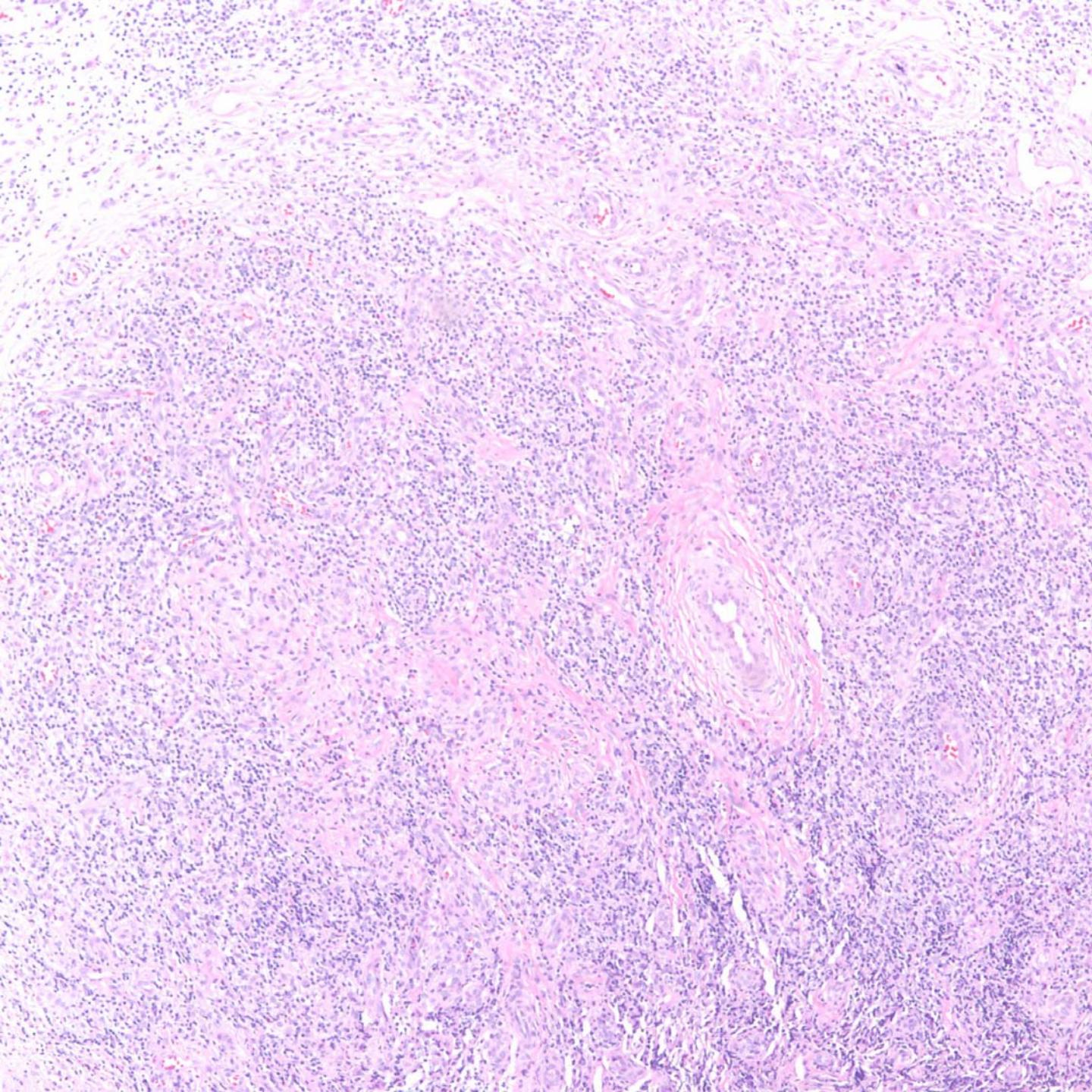
# Melanoma in Situ of the Nailbed

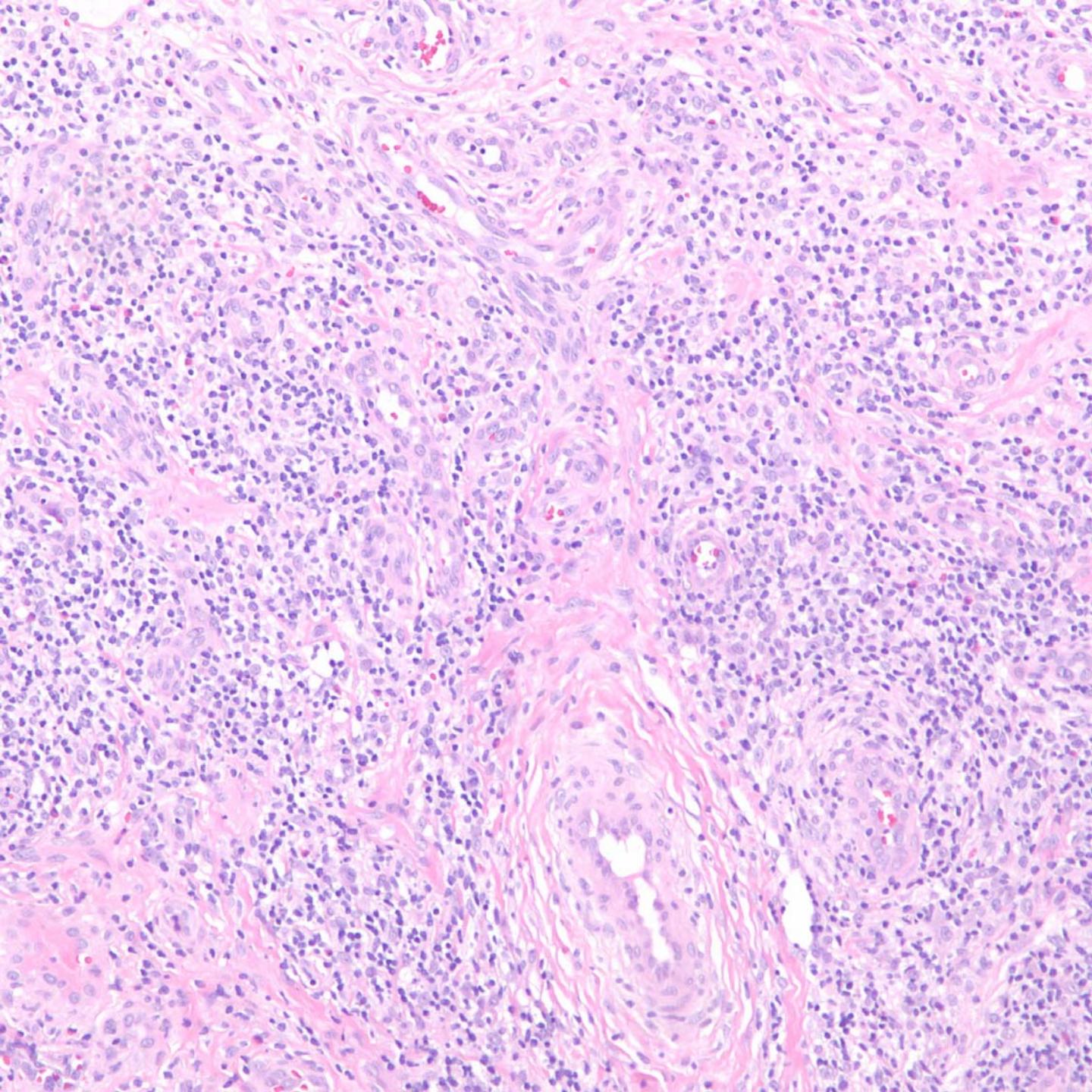
# Pearls

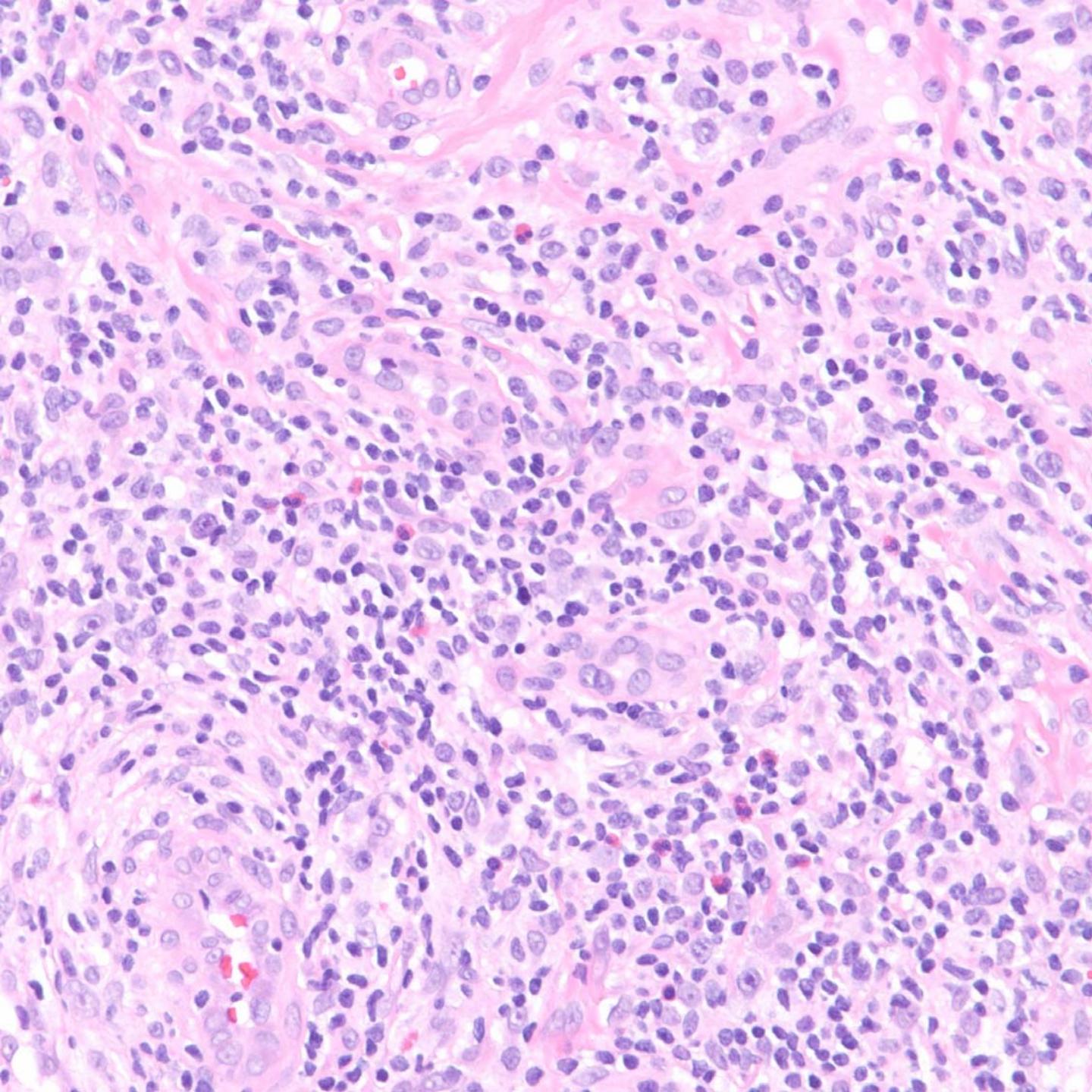


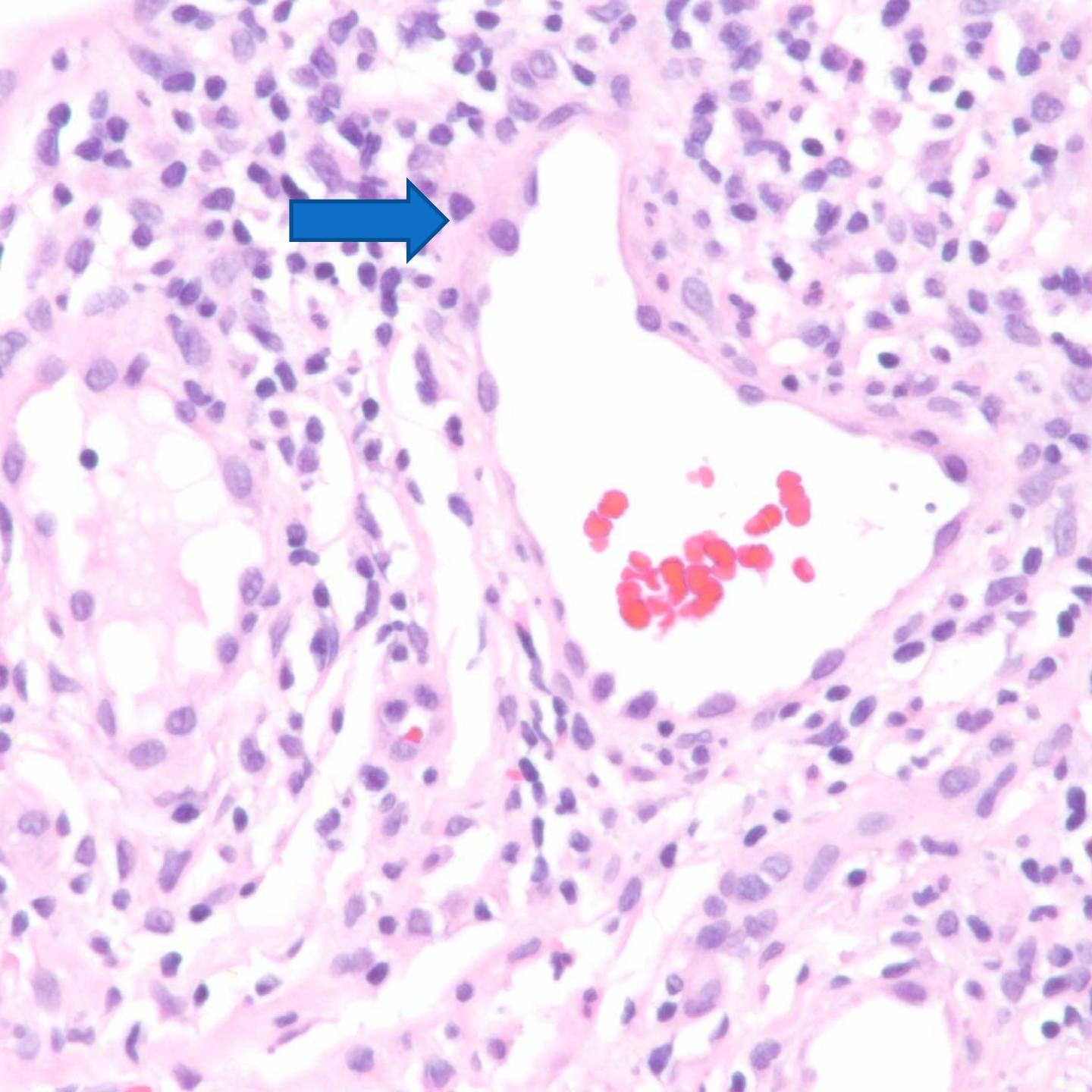
- Histologically similar to acral melanoma in situ
- Cytologically malignant melanocytes at the dermal-epidermal junction
- Sampling issues always a problem

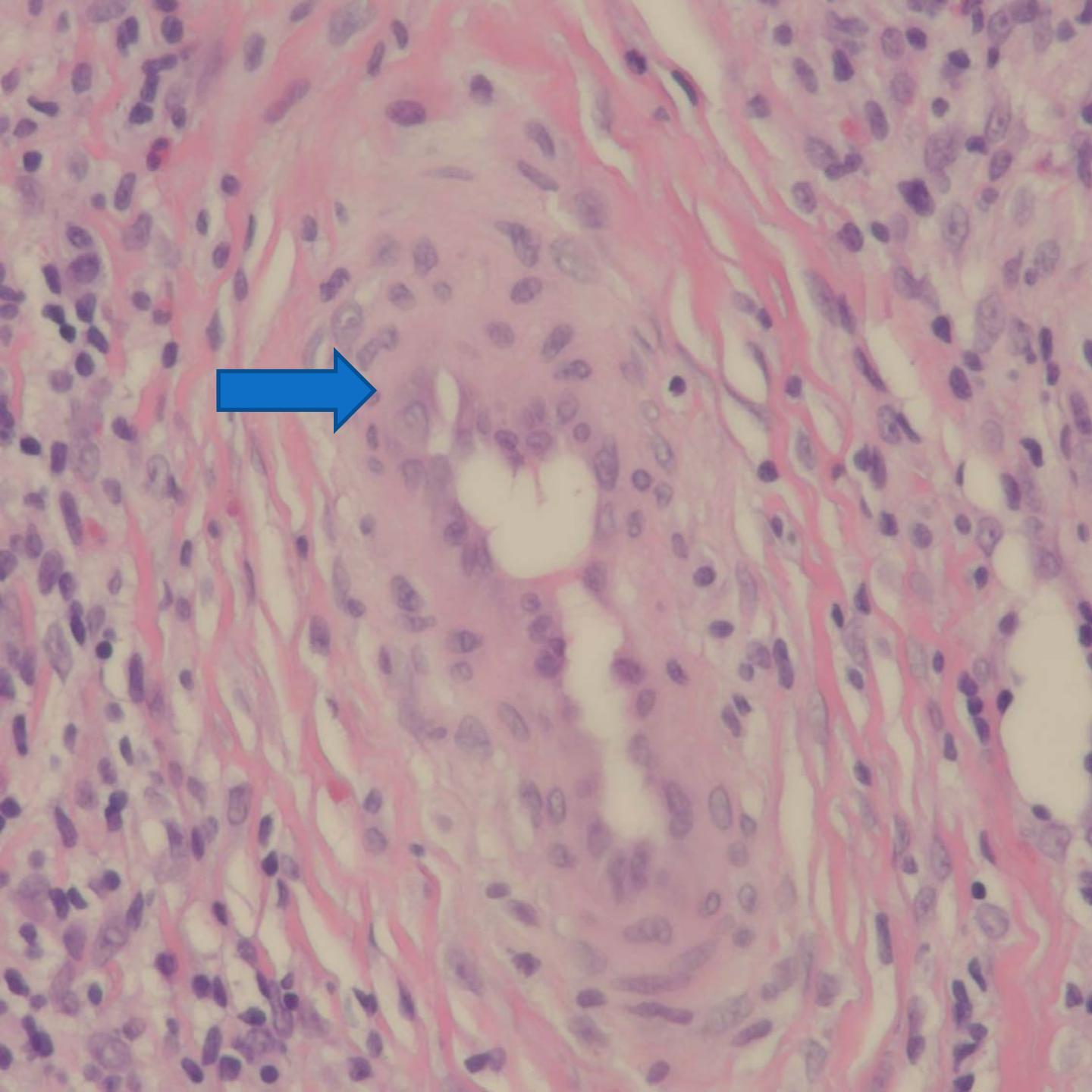






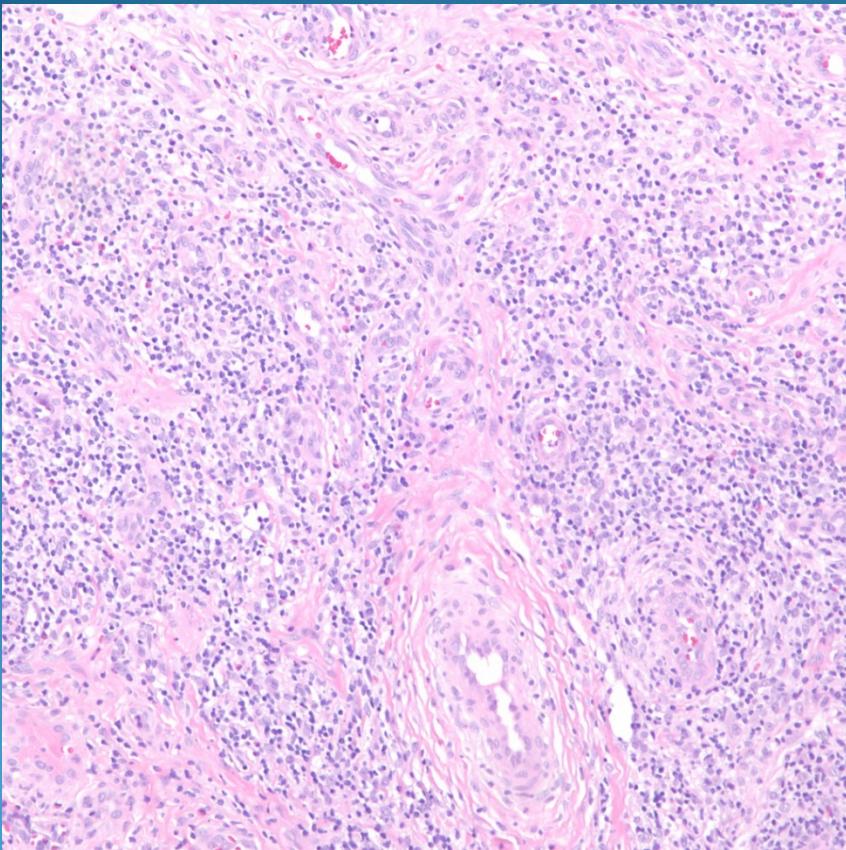




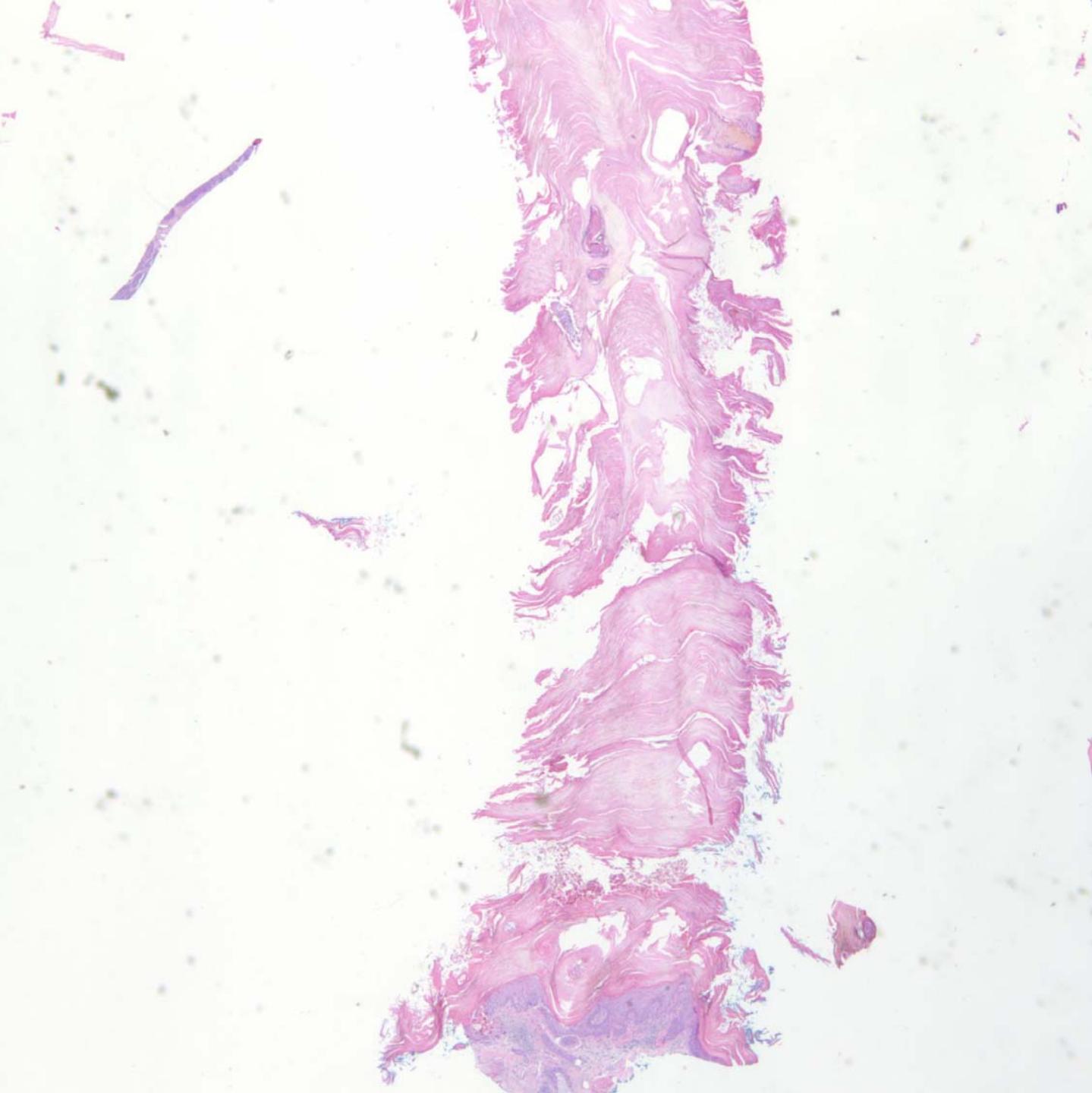


# Angiolymphoid Hyperplasia with Eosinophilia

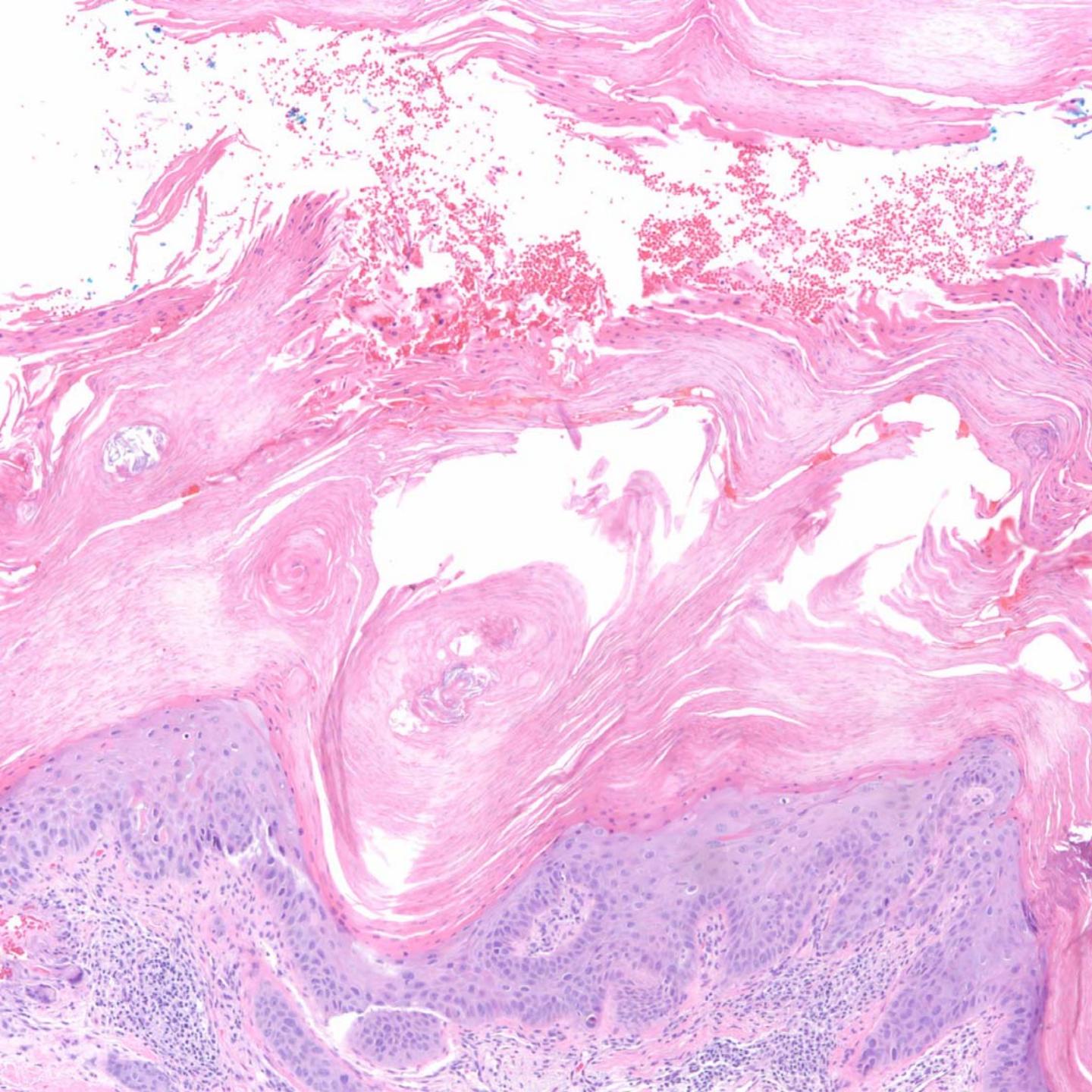
# Pearls

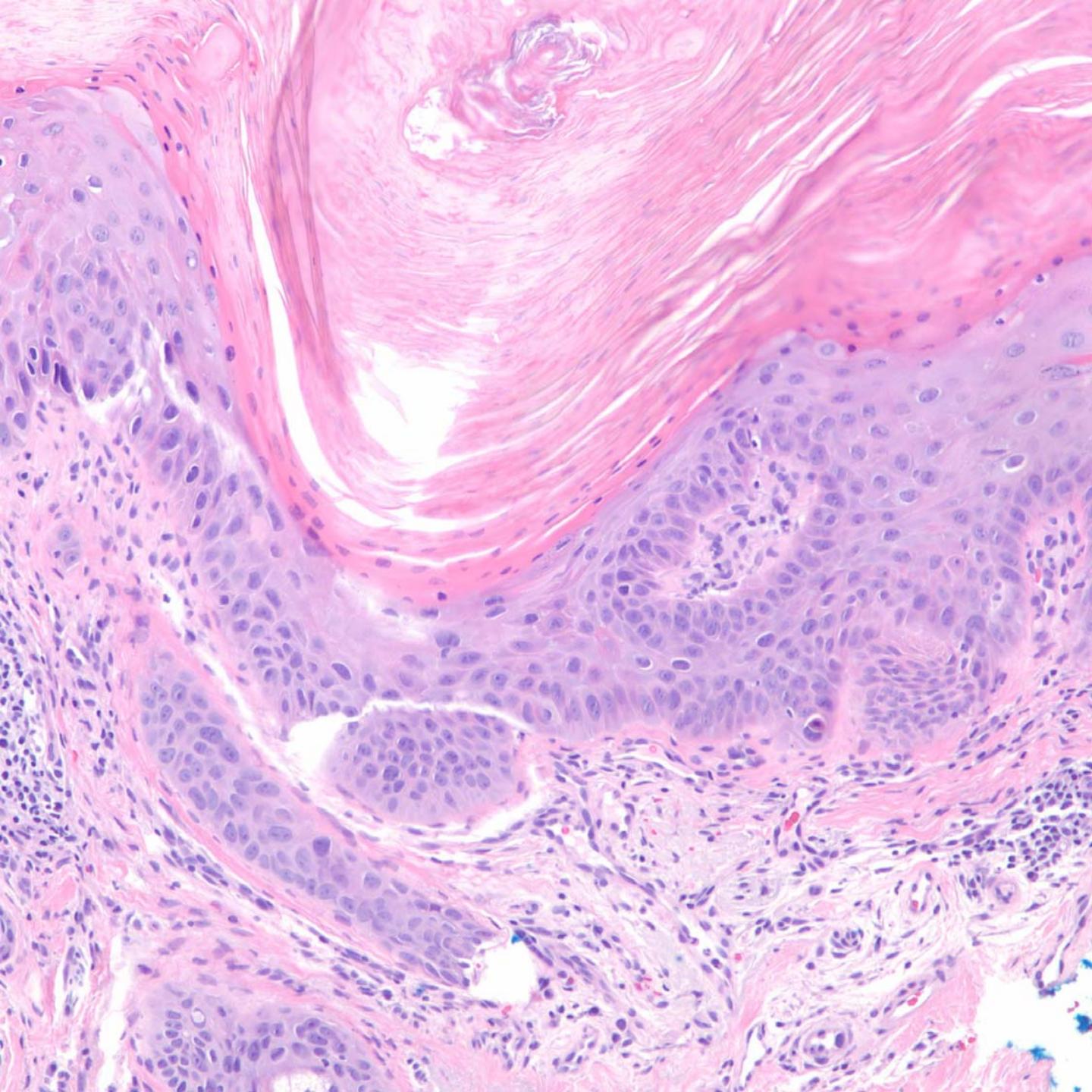


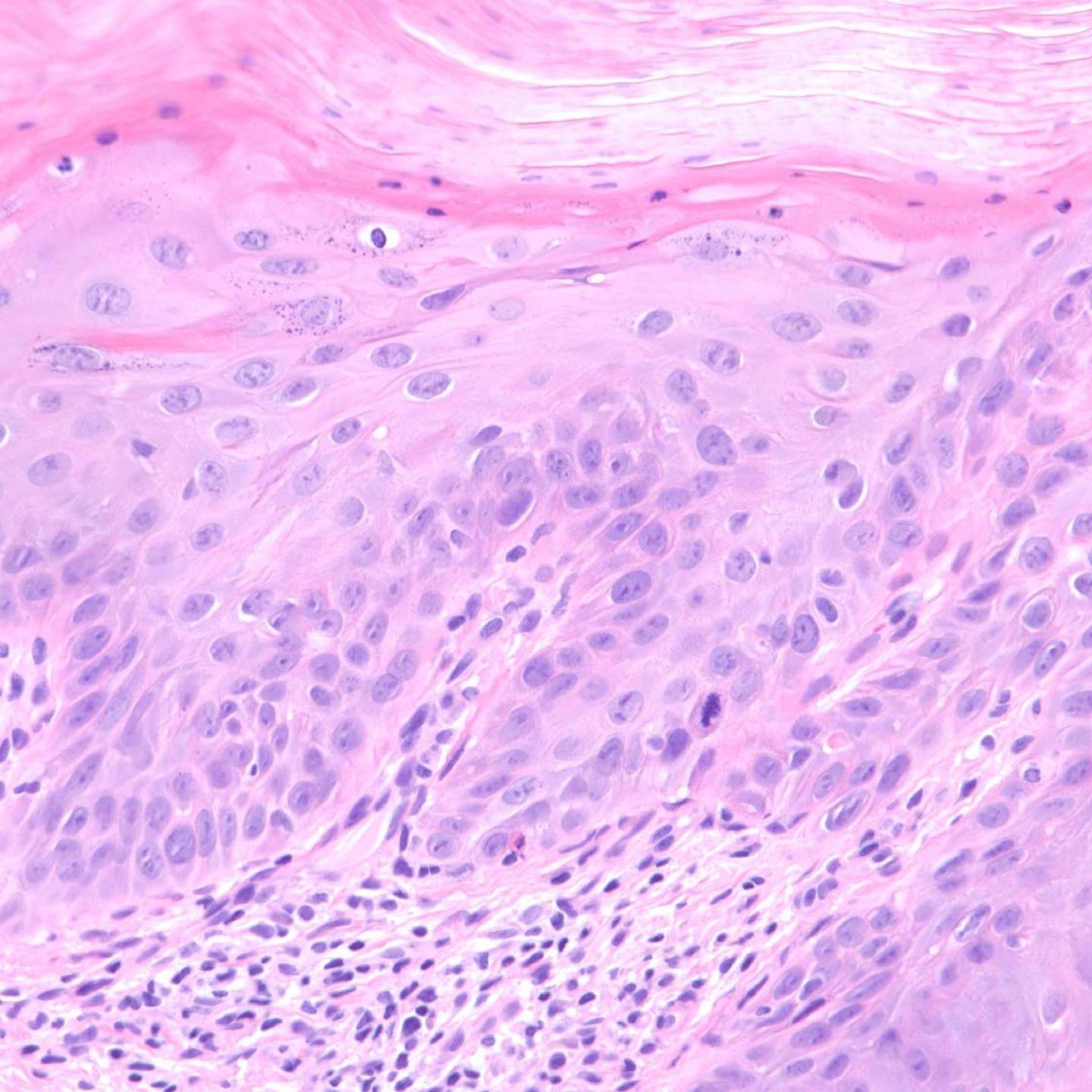
- Superficial dermal nodular collection of lymphoid aggregates, eosinophils and thickened capillary sized vessels
- Hobnail endothelial cells with cytoplasmic vacuoles





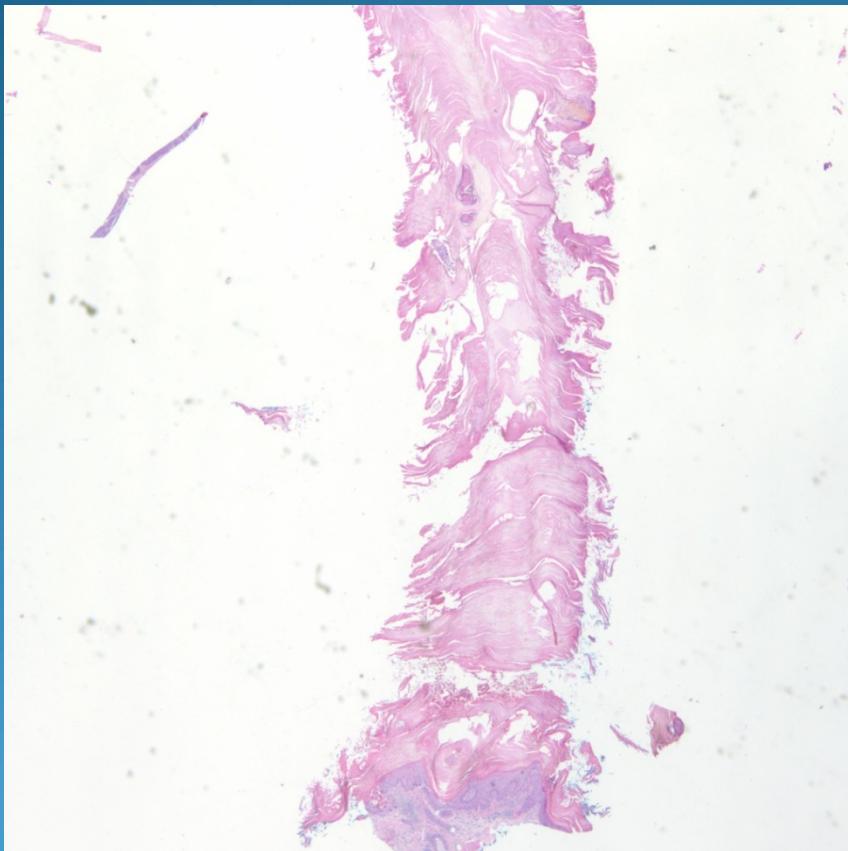




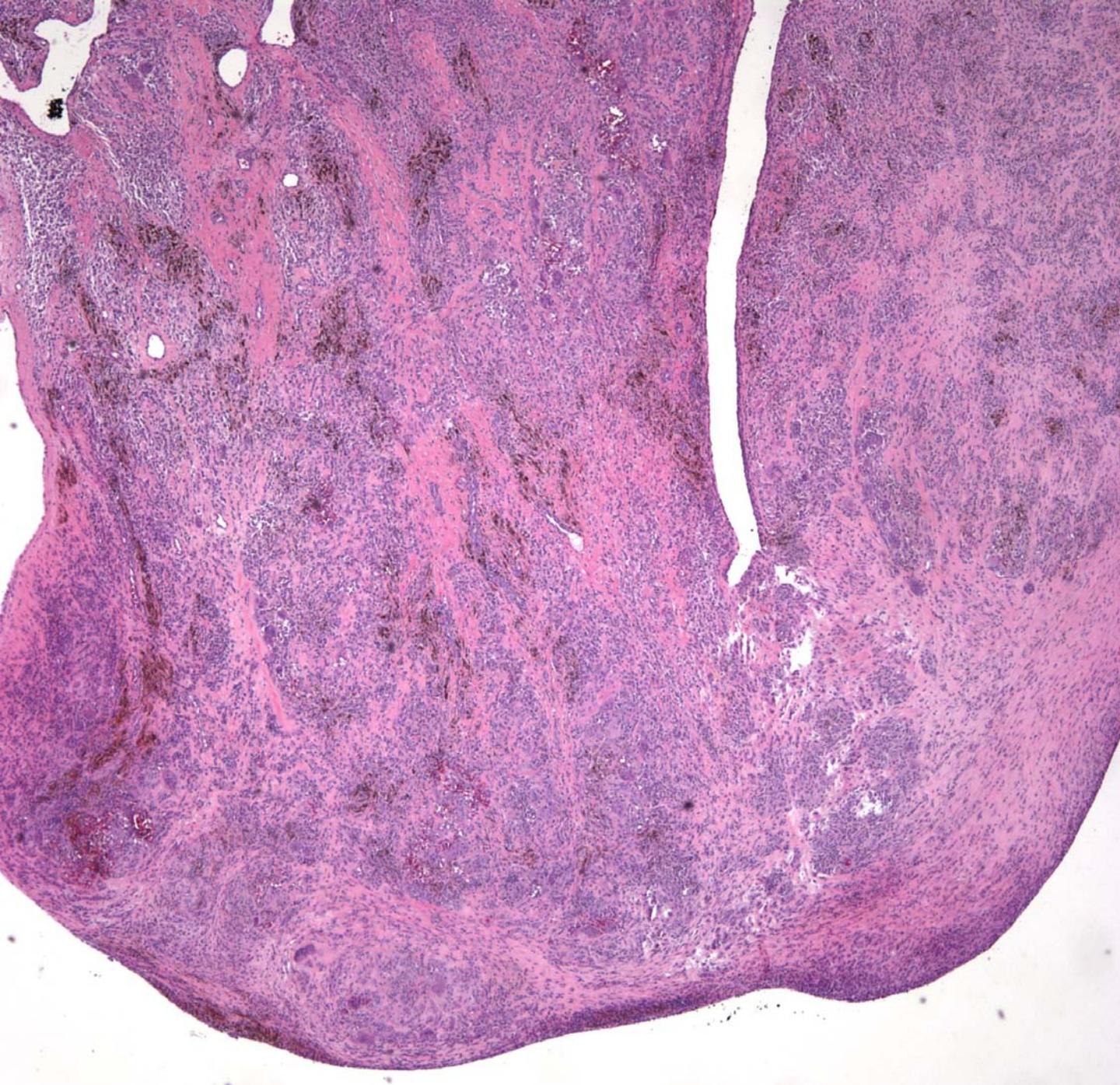


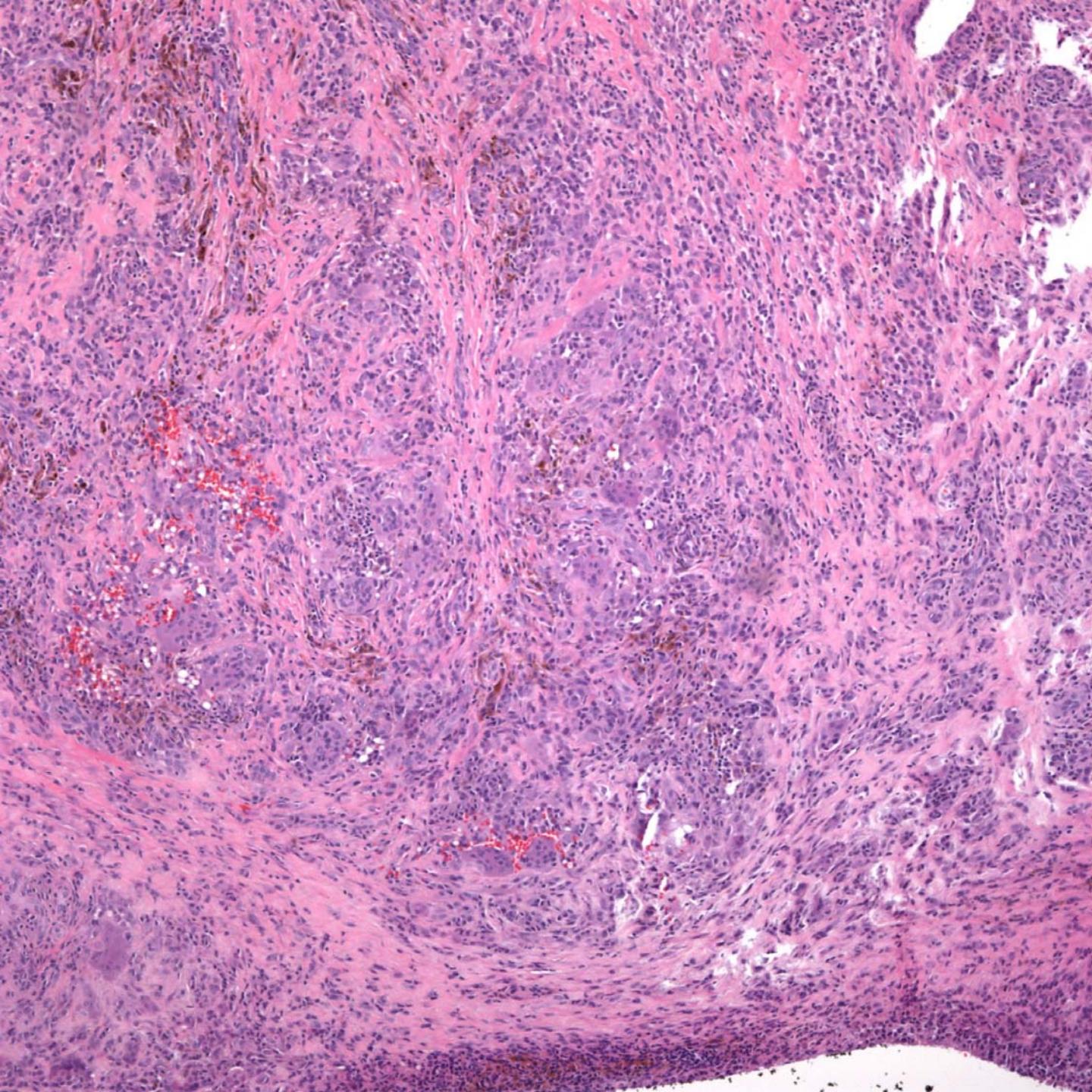
# Actinic Keratosis with Cutaneous Horn

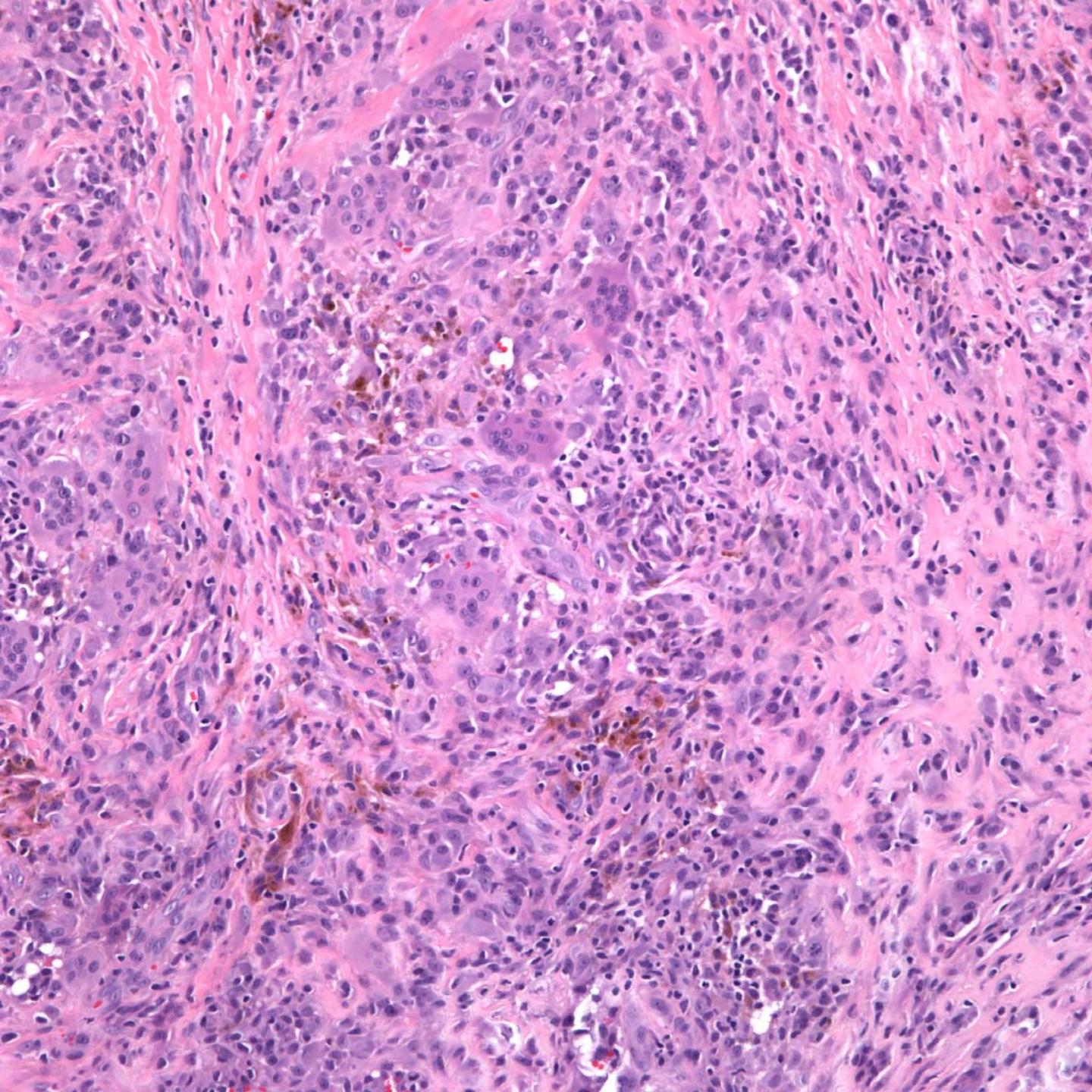
# Pearls

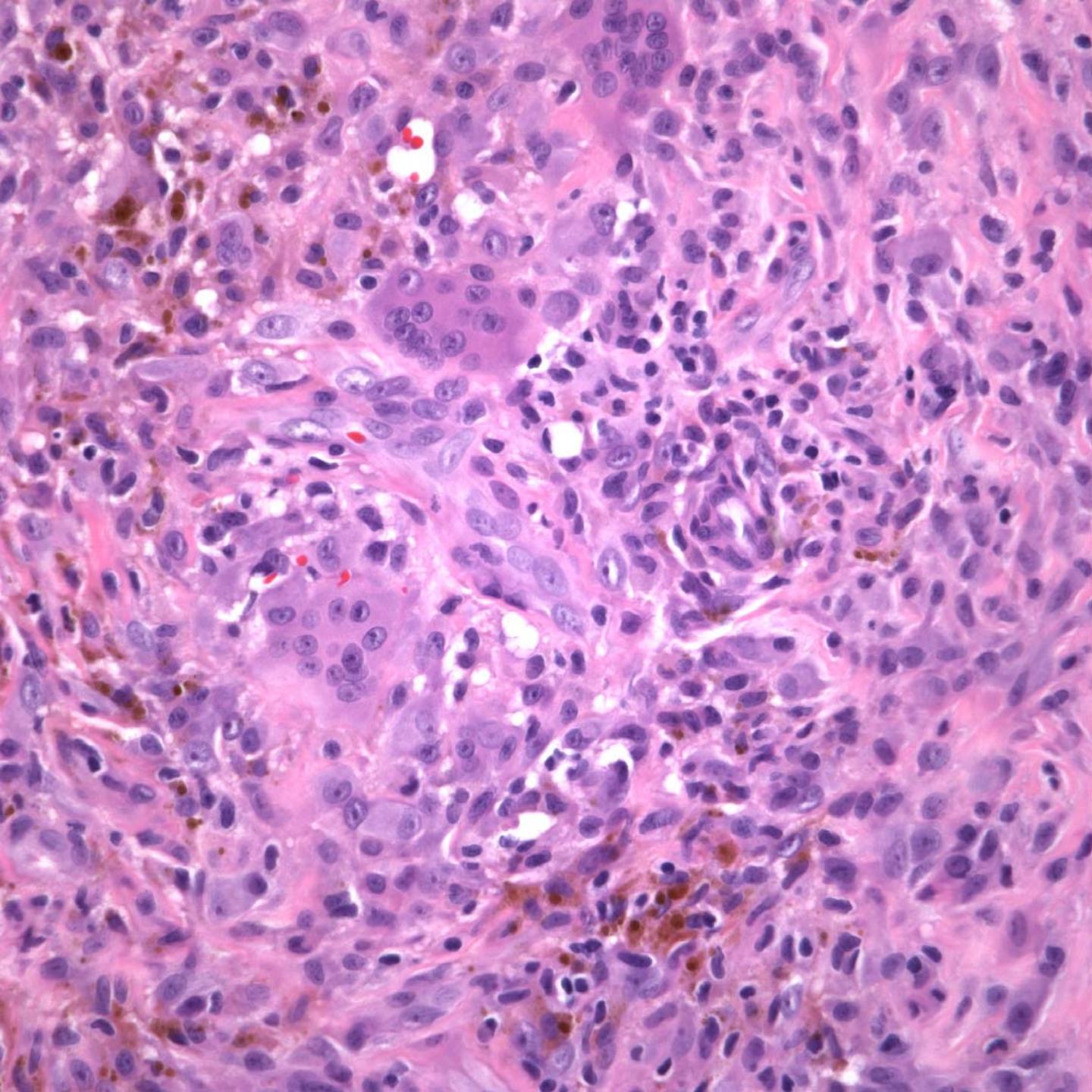


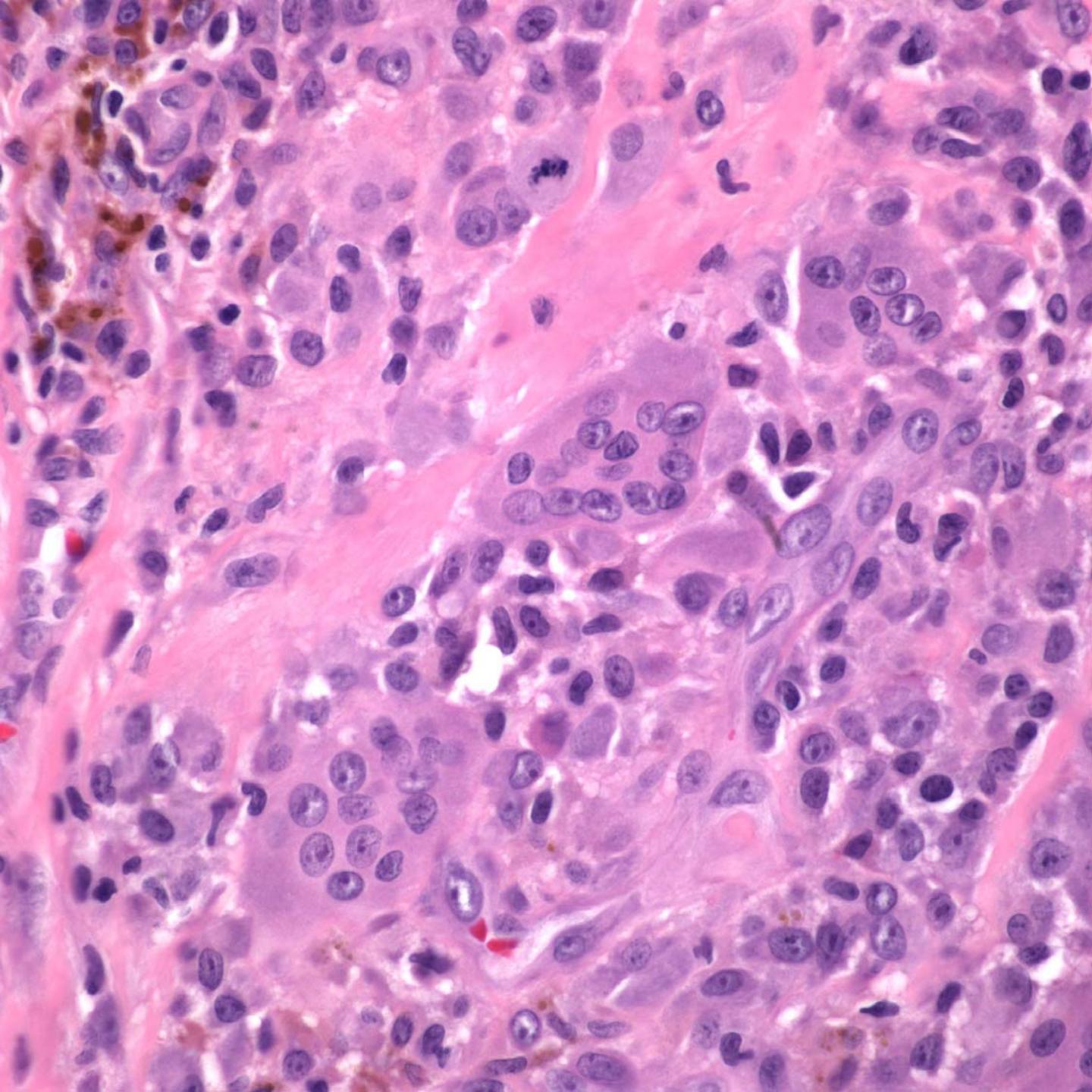
- Cutaneous horn may be seen with benign or malignant epithelial proliferations
- Need to assess the base of each lesion for definitive diagnosis





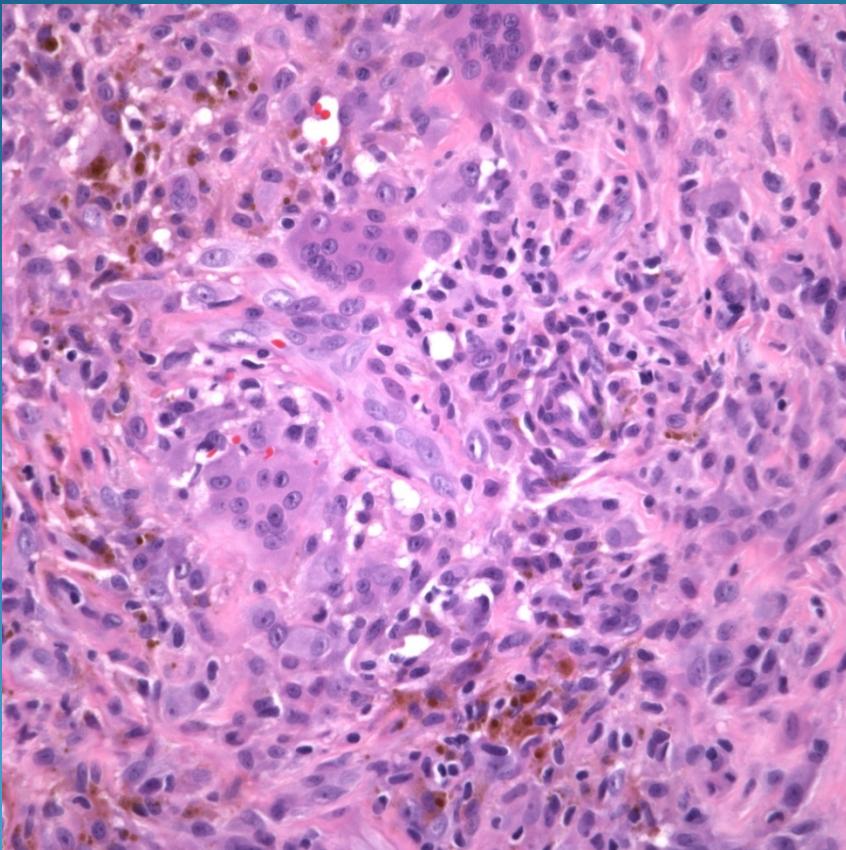






# Giant Cell Tumor of Tendon Sheath

# Pearls



- Circumscribed tumor attached to tendon
- Mixture of epithelioid cells with giant cells sharing similar nuclear cytologic features
- Scattered chronic inflammation with hemosiderin deposits