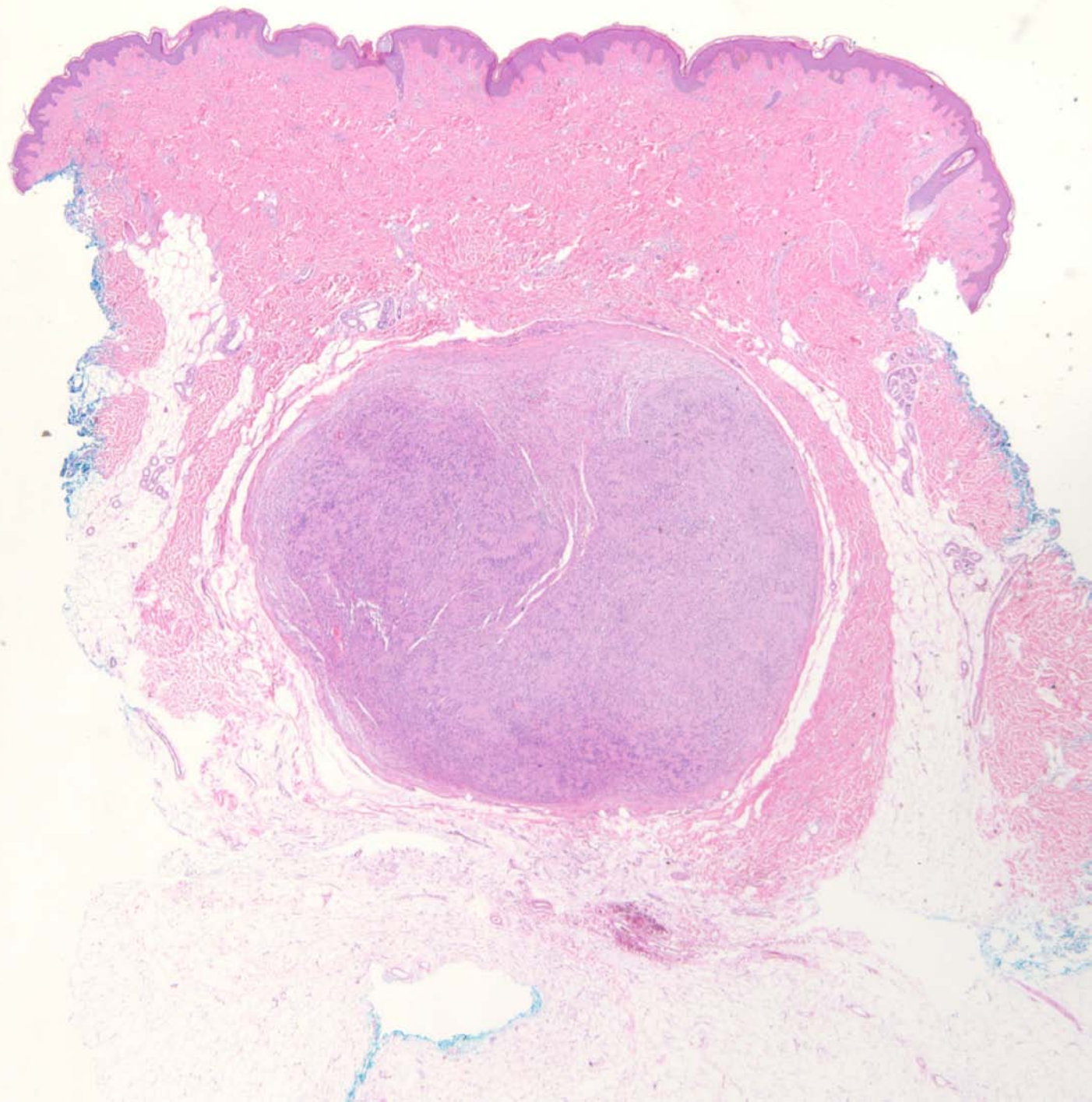
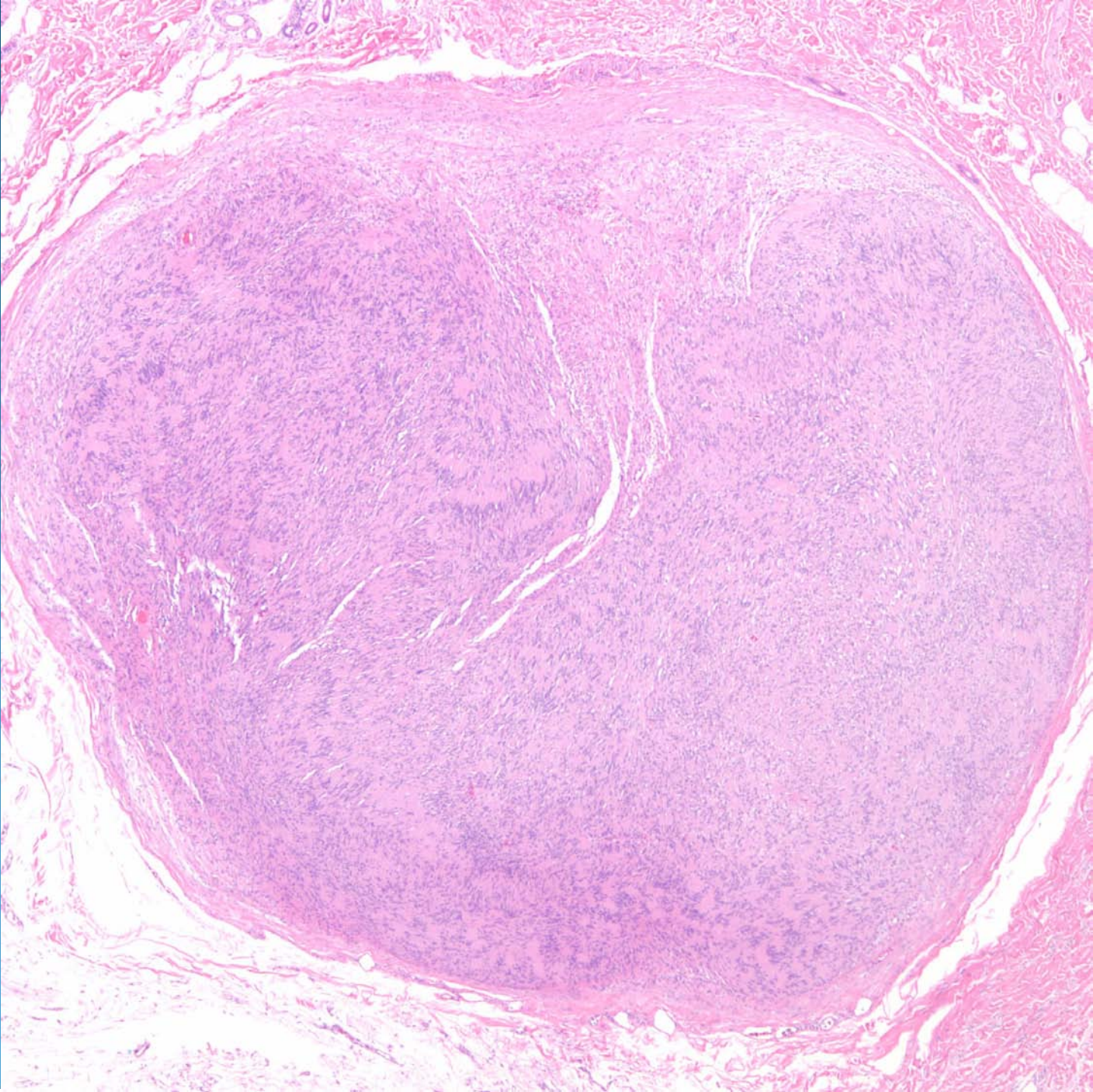


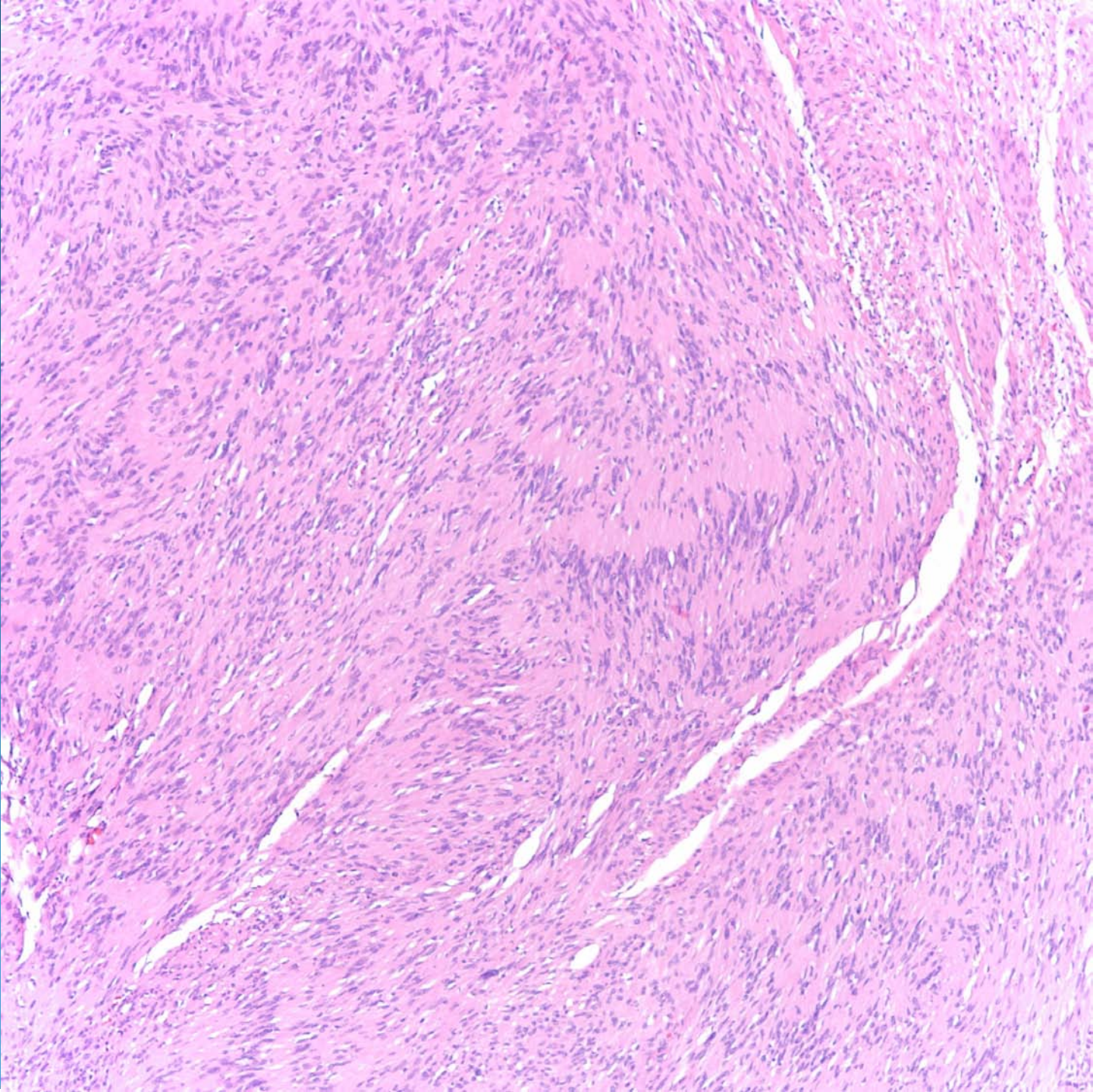
Dermatopathology

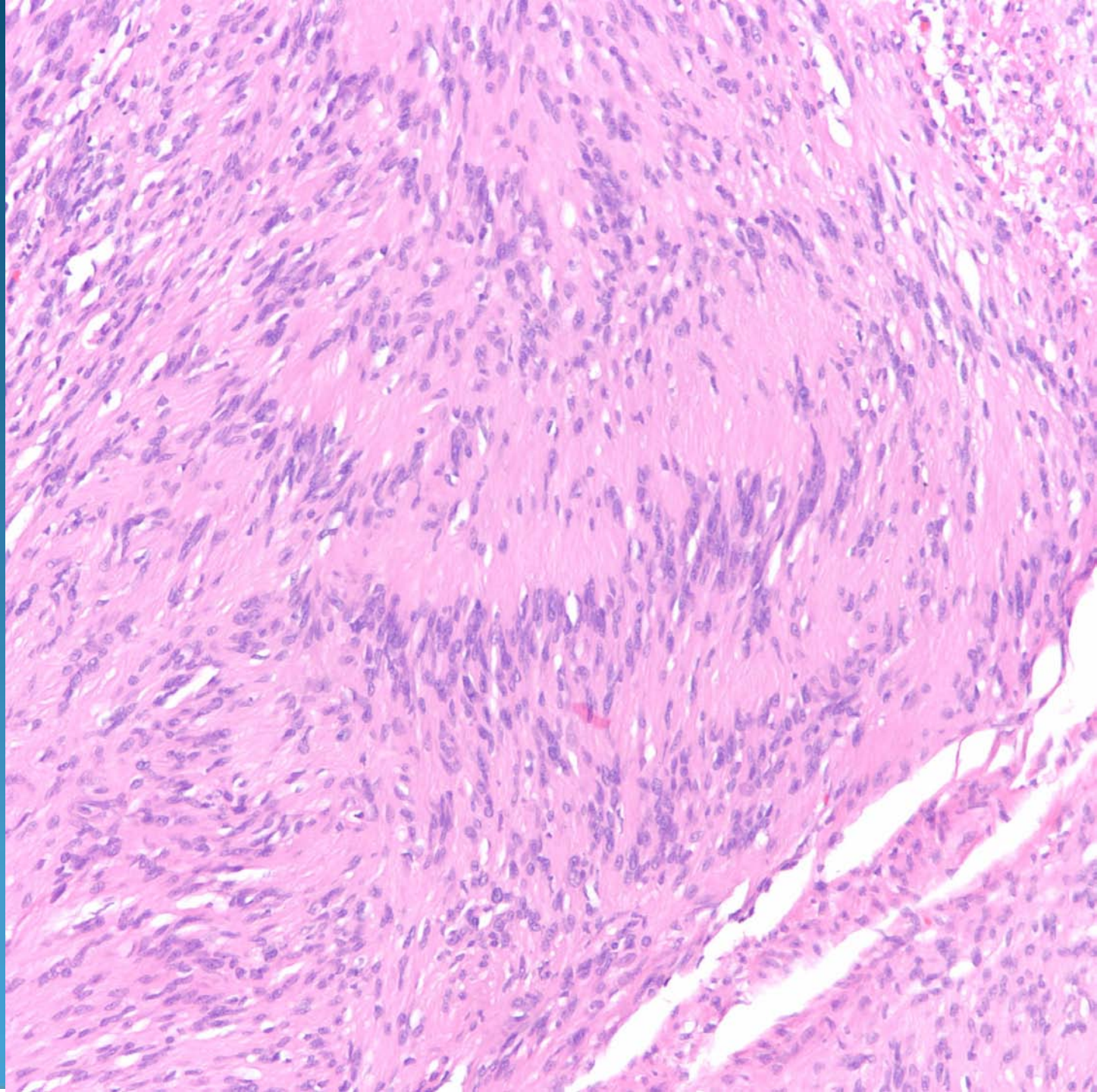
Slide Review Part 64

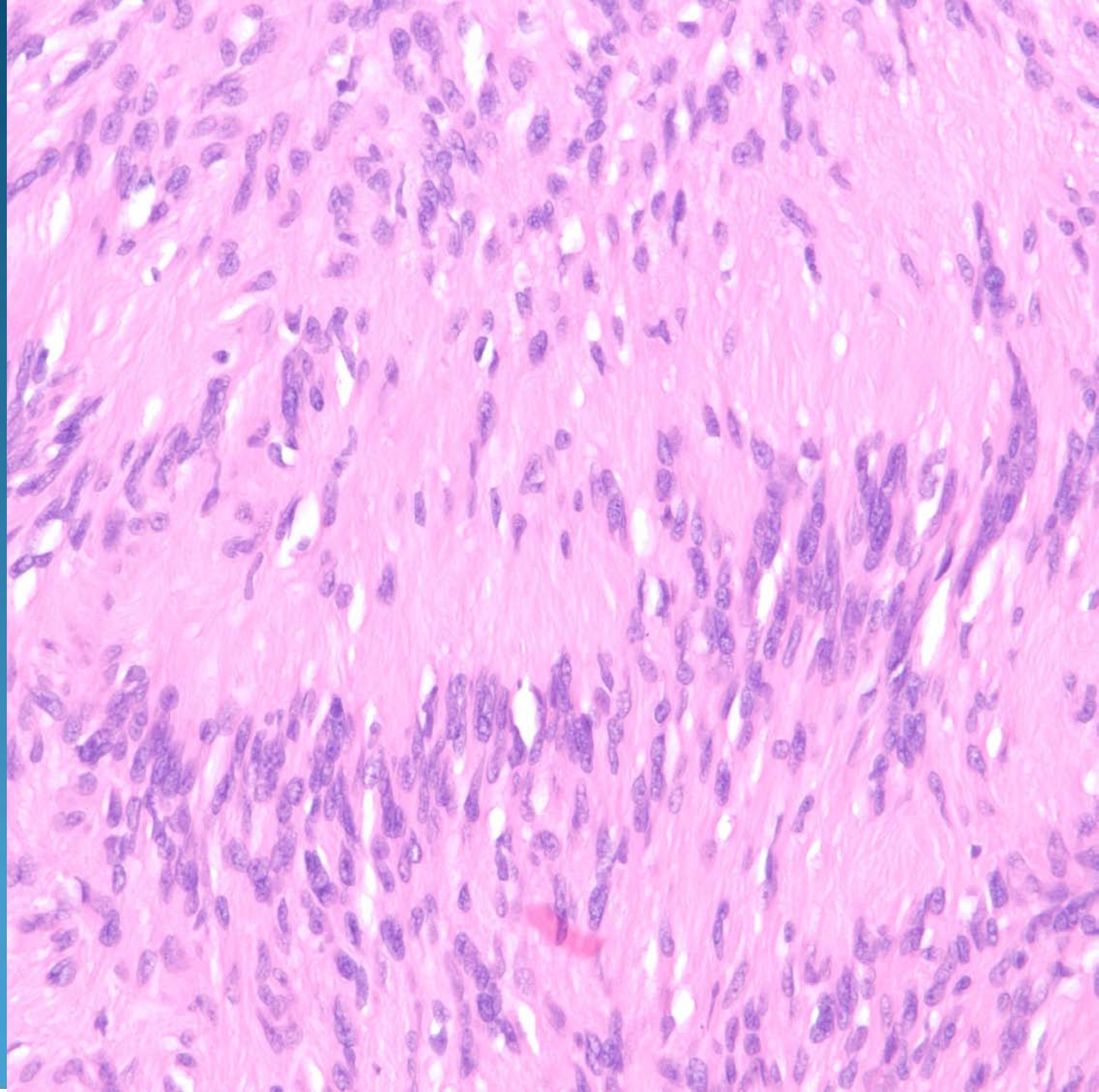
Paul K. Shitabata, M.D.
Dermatopathology Institute





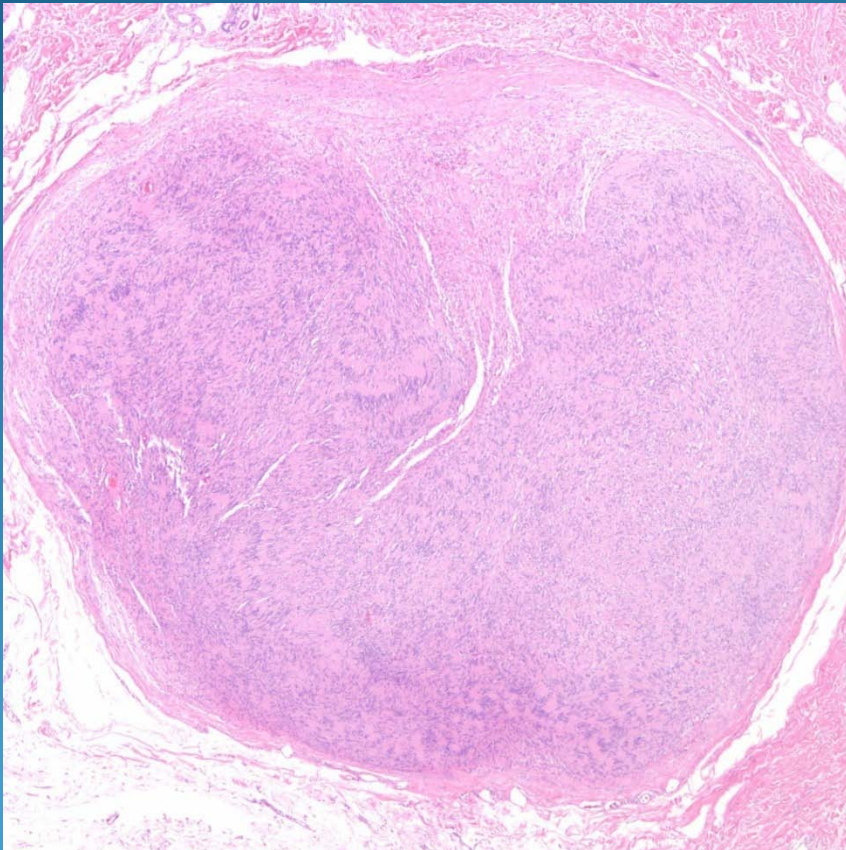




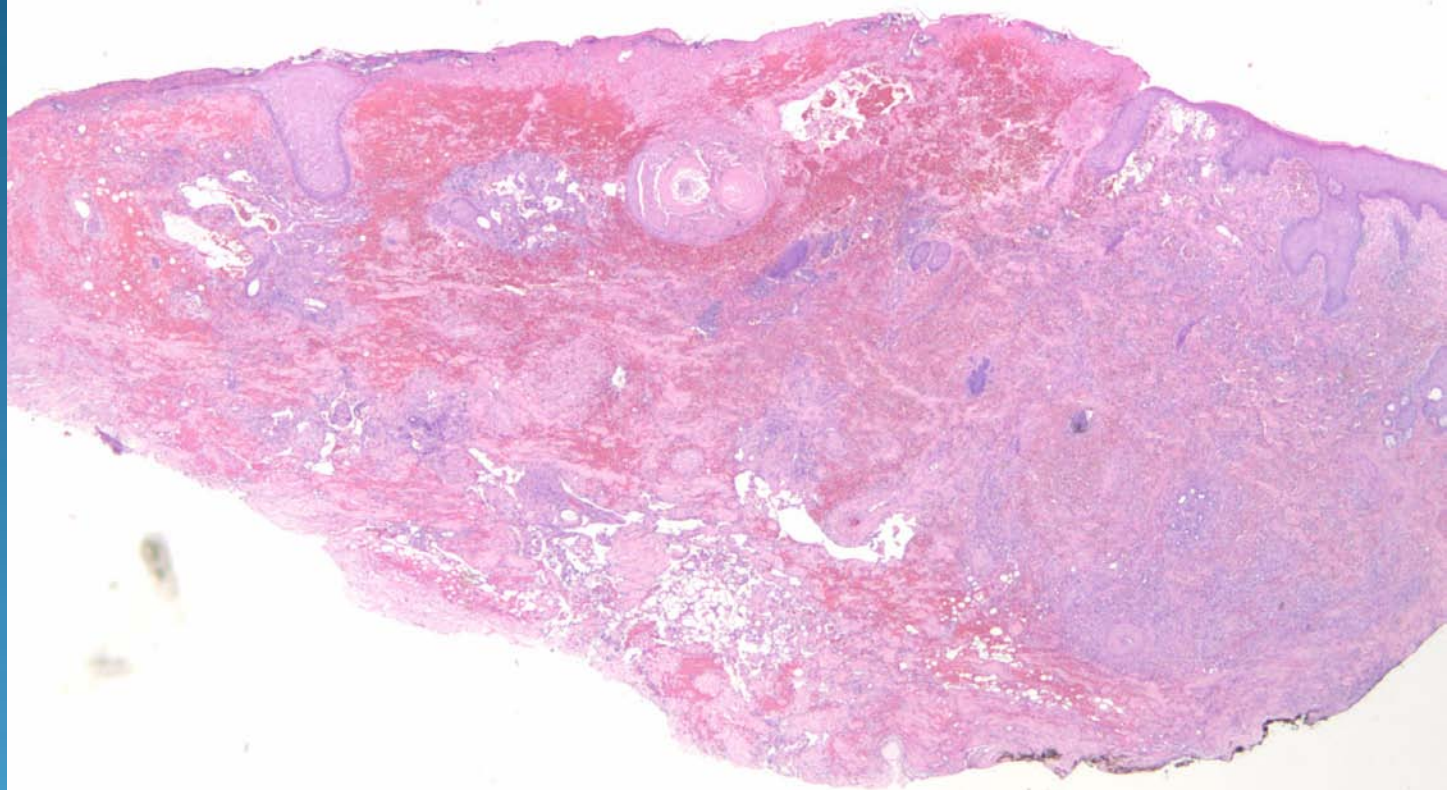


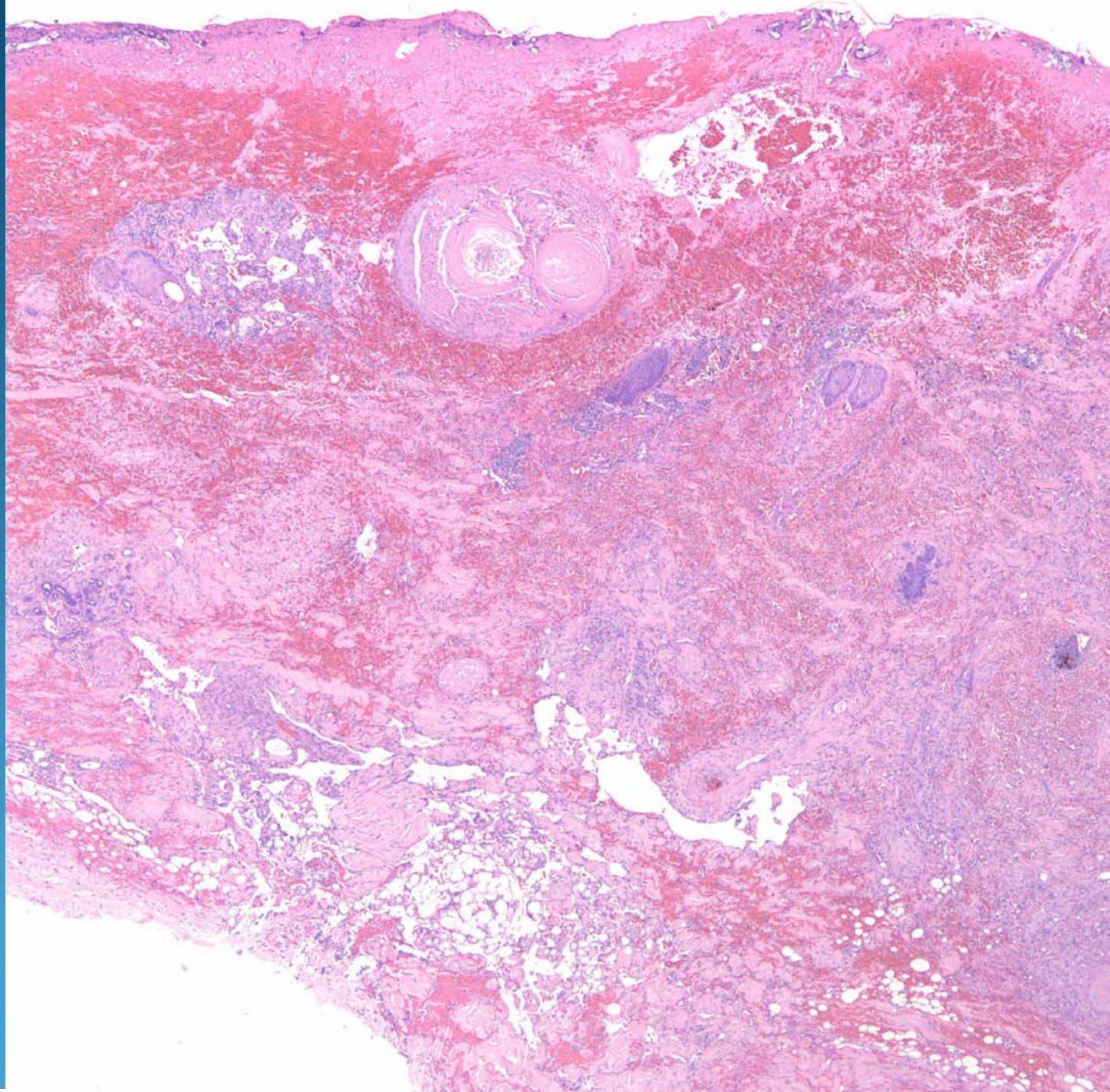
Cutaneous Schwannoma

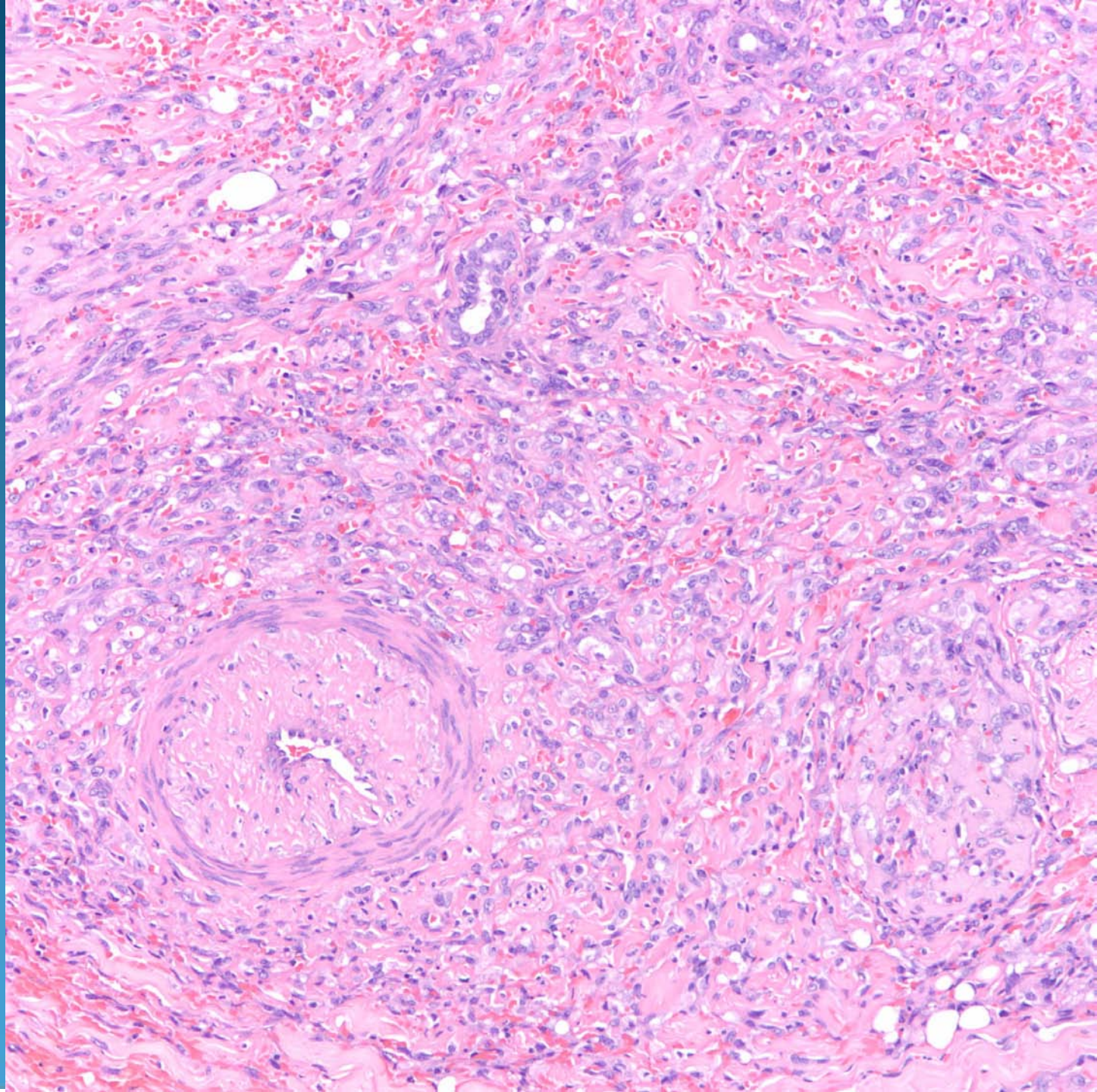
Pearls

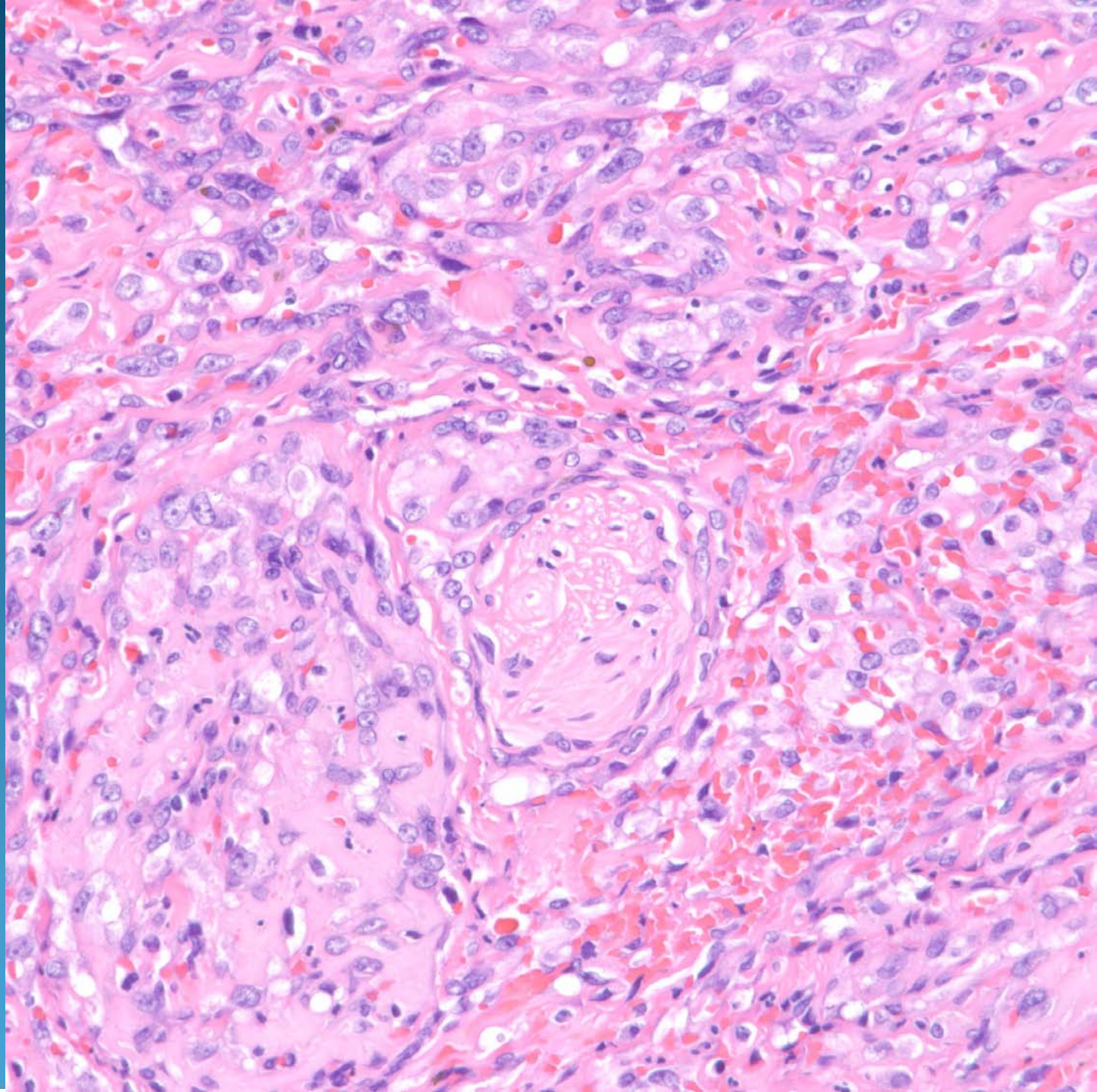


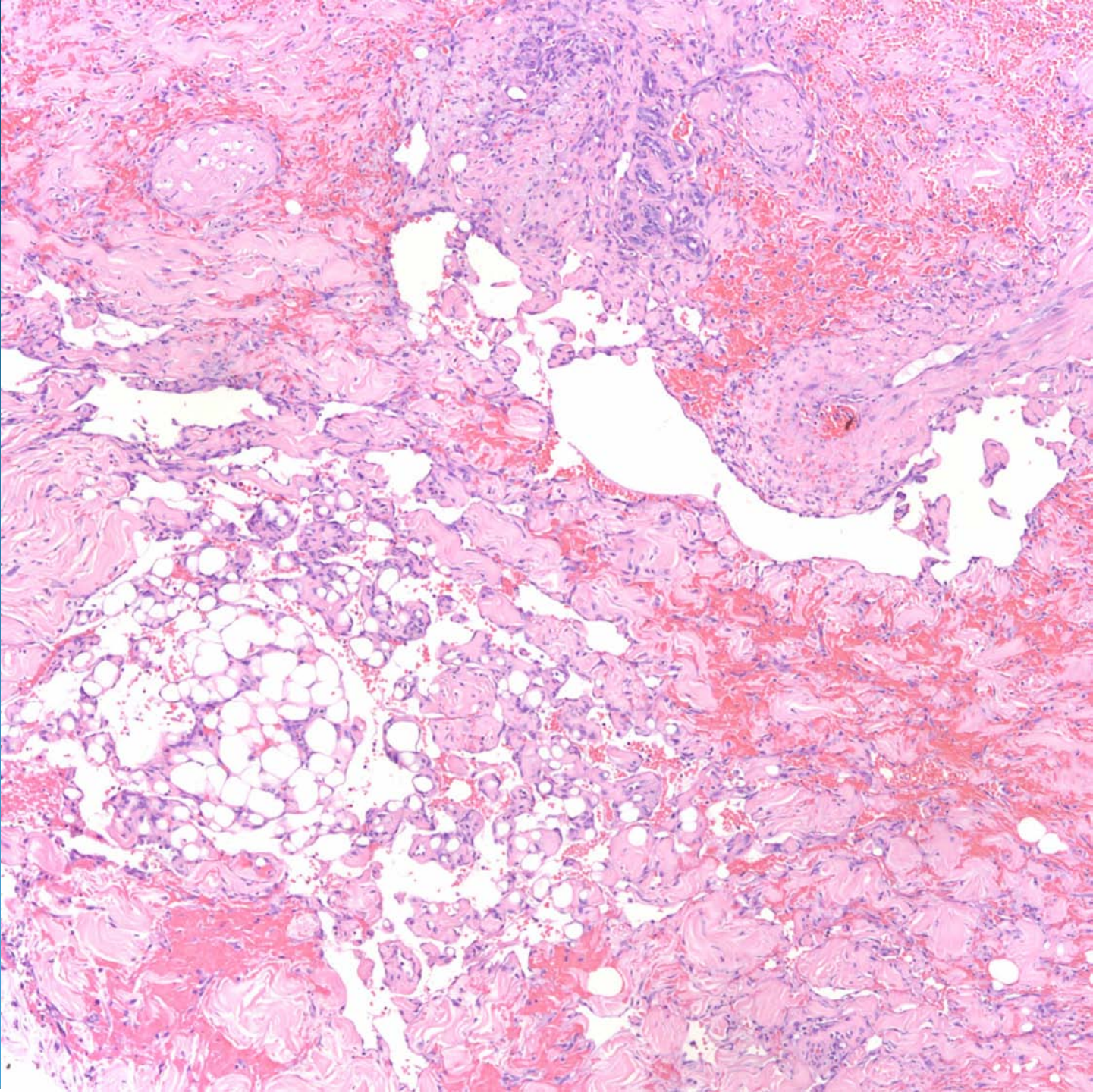
- Circumscribed dermal neoplasm, may extend into subcutaneous adipose tissue
- Wavy nuclei in myxoid stroma
- Palisading of nuclei form characteristic Verocay bodies
- DDX: Palisaded and encapsulated neuroma - this is S100 - EMA+

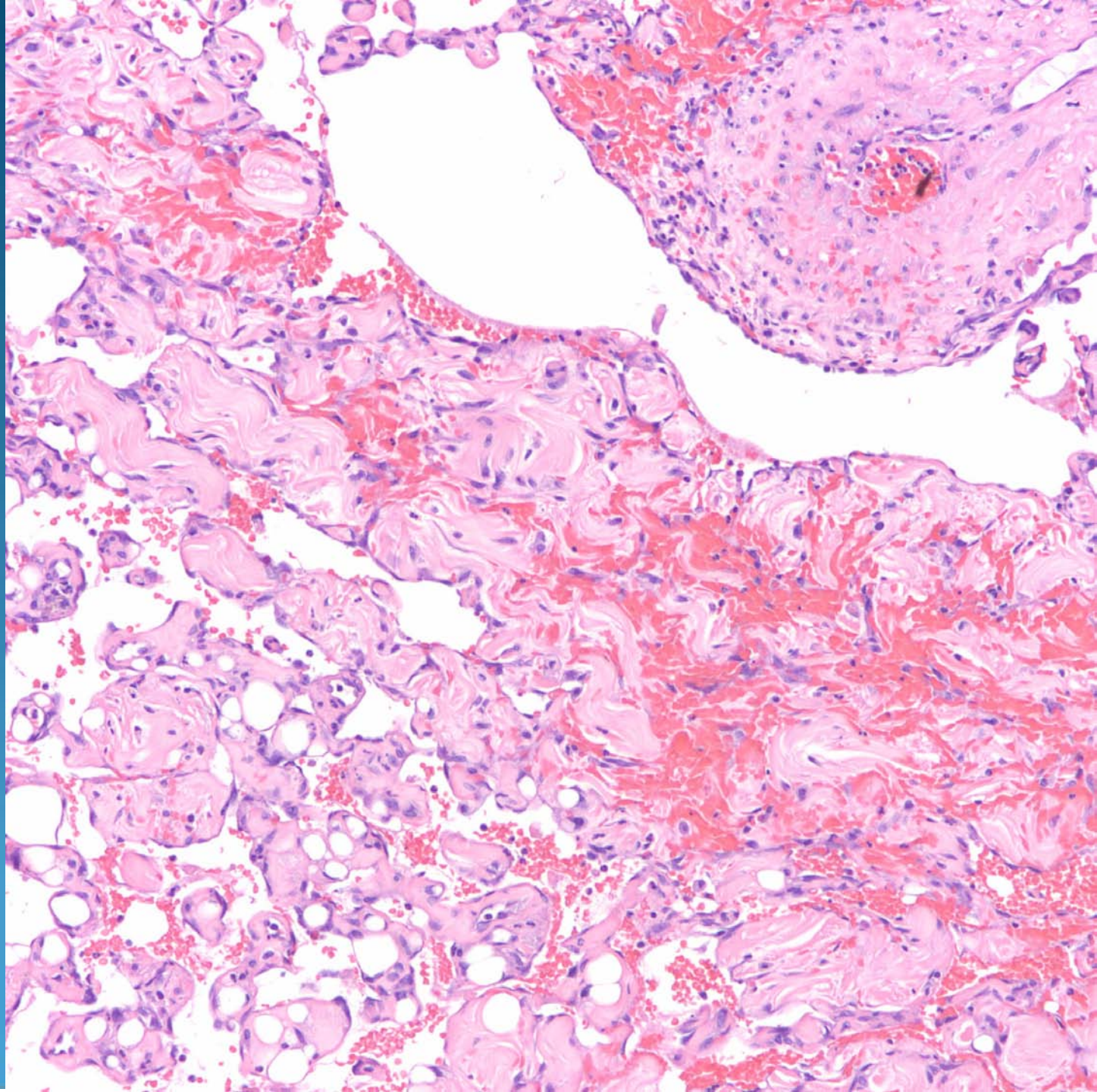


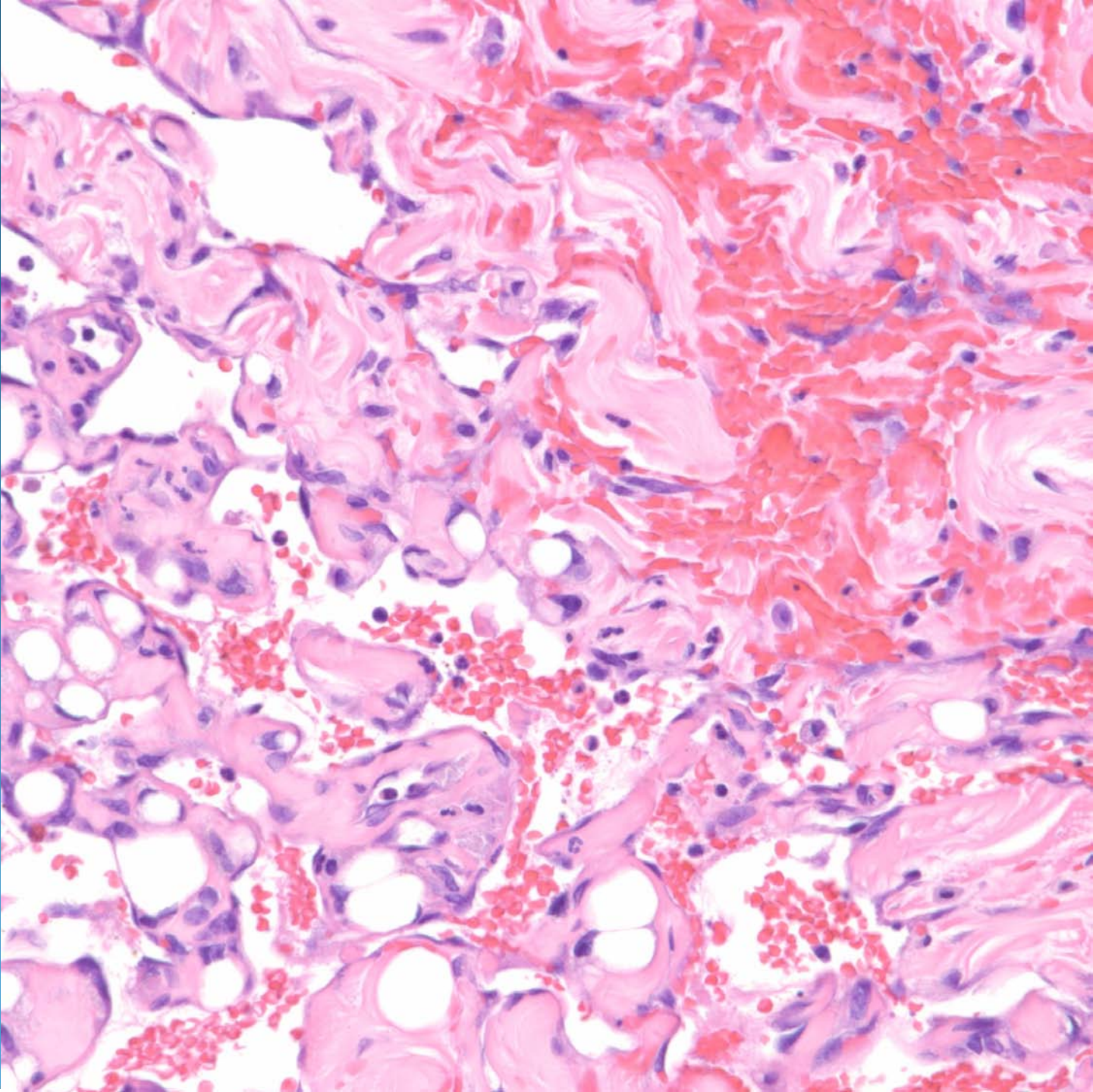


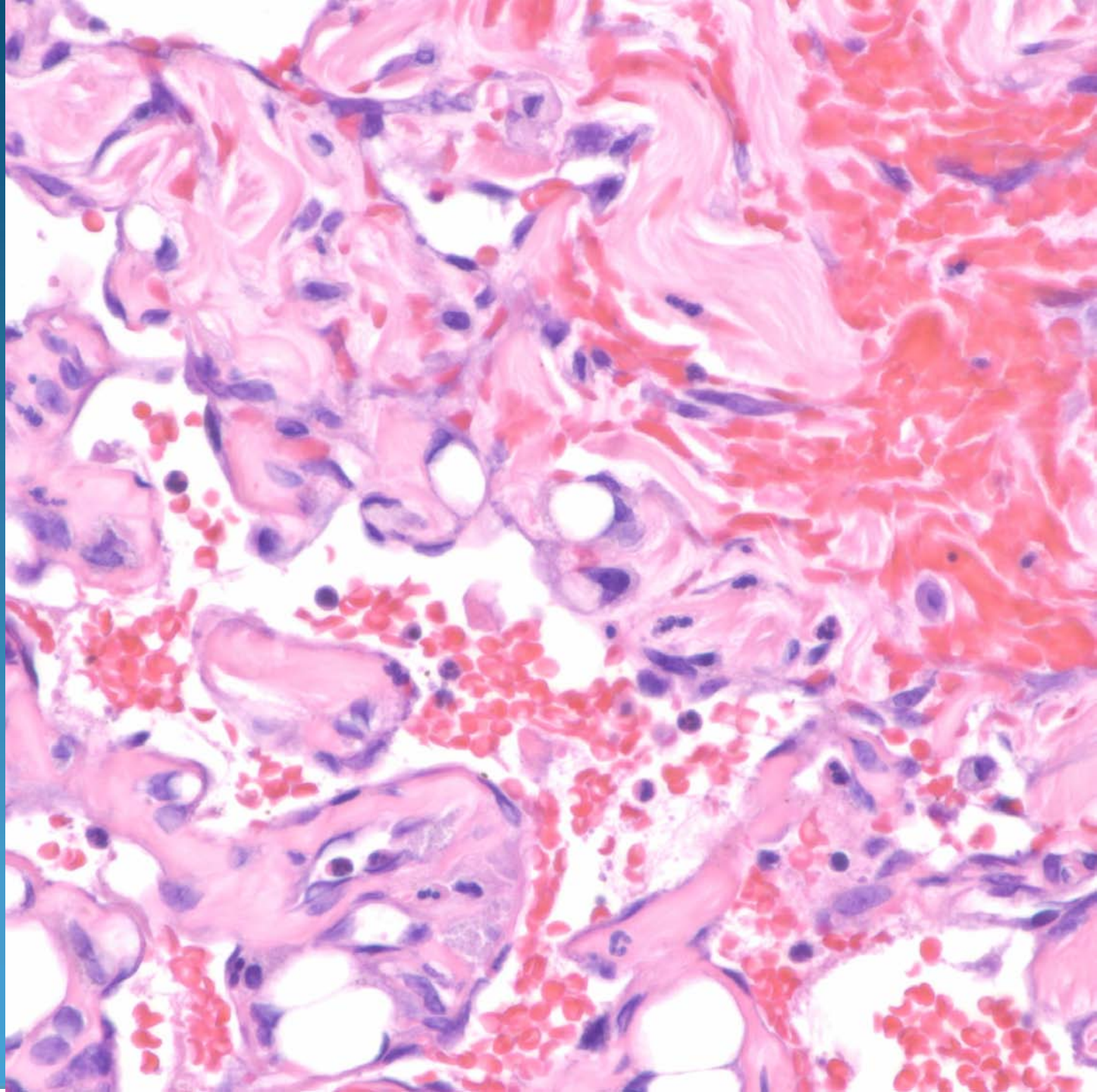




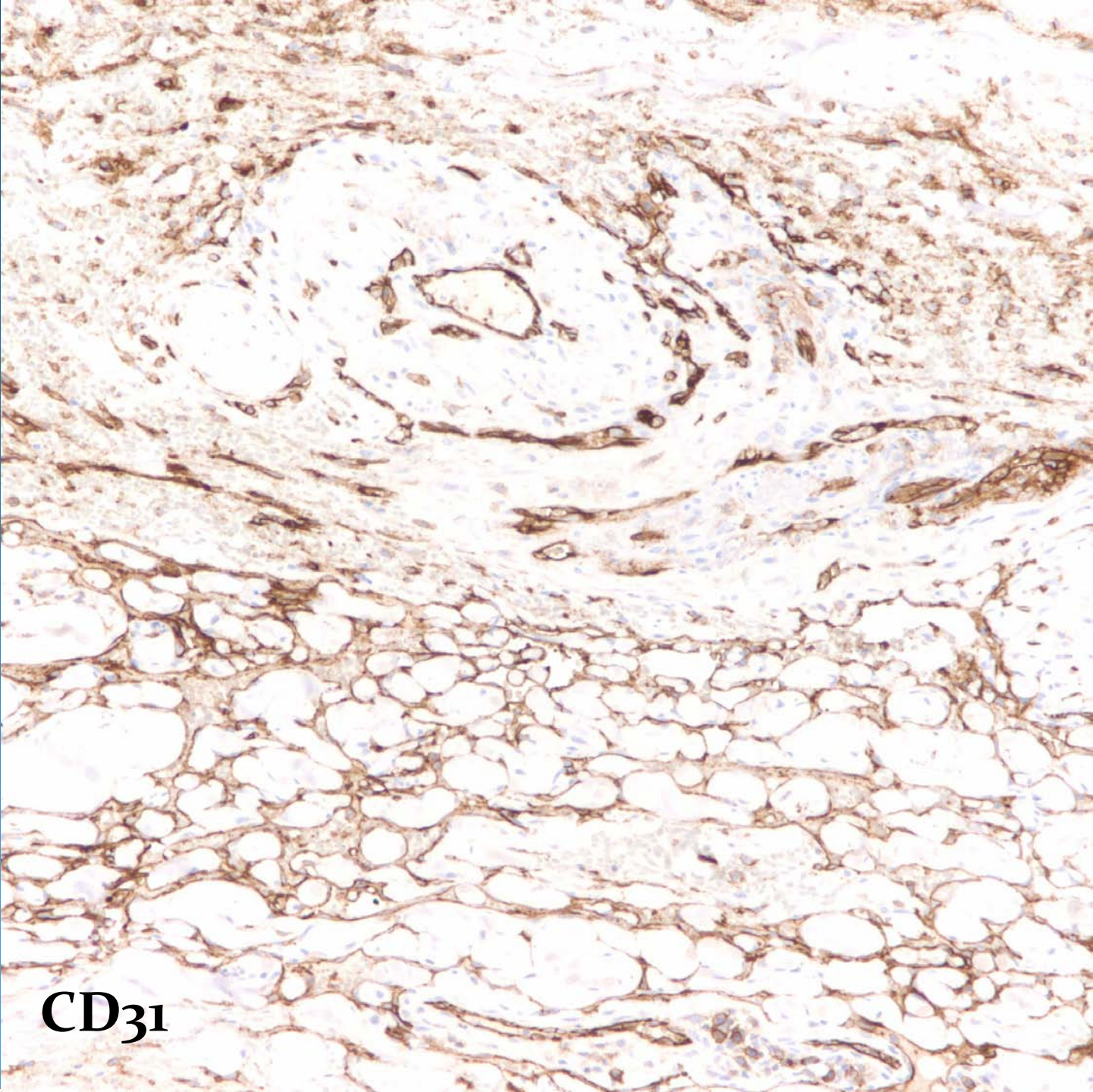






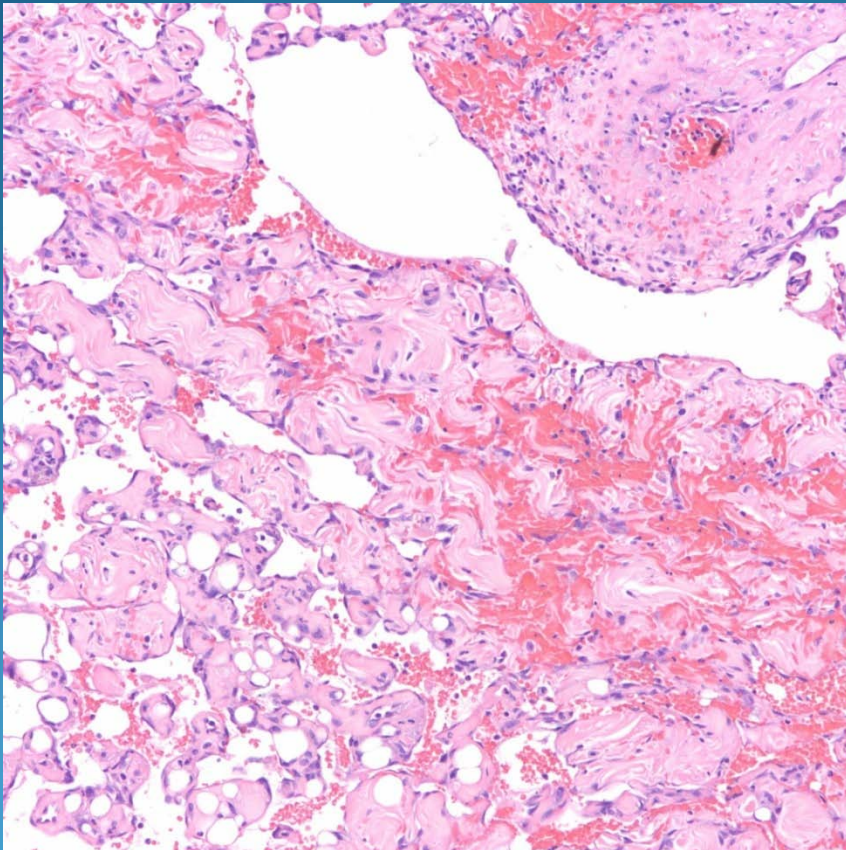


Angiosarcoma, Cutaneous

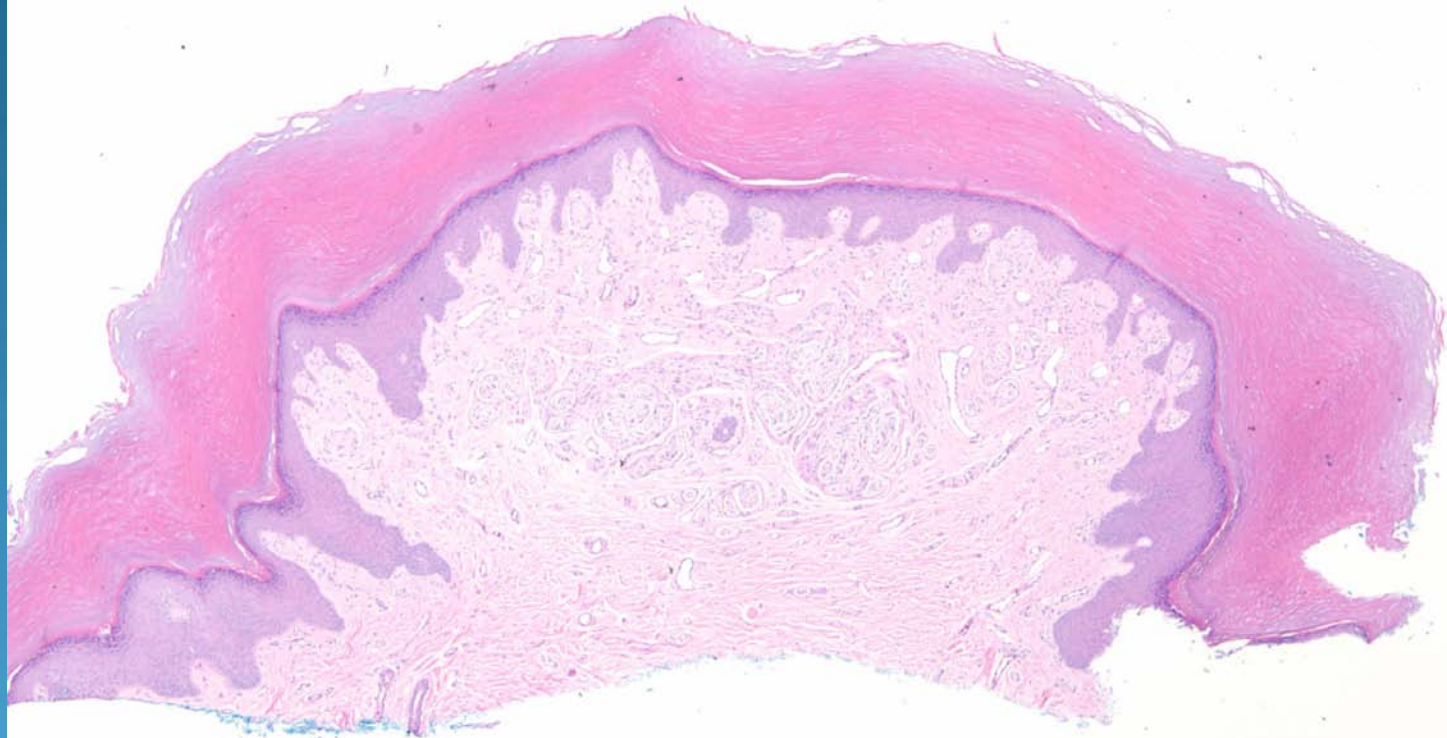


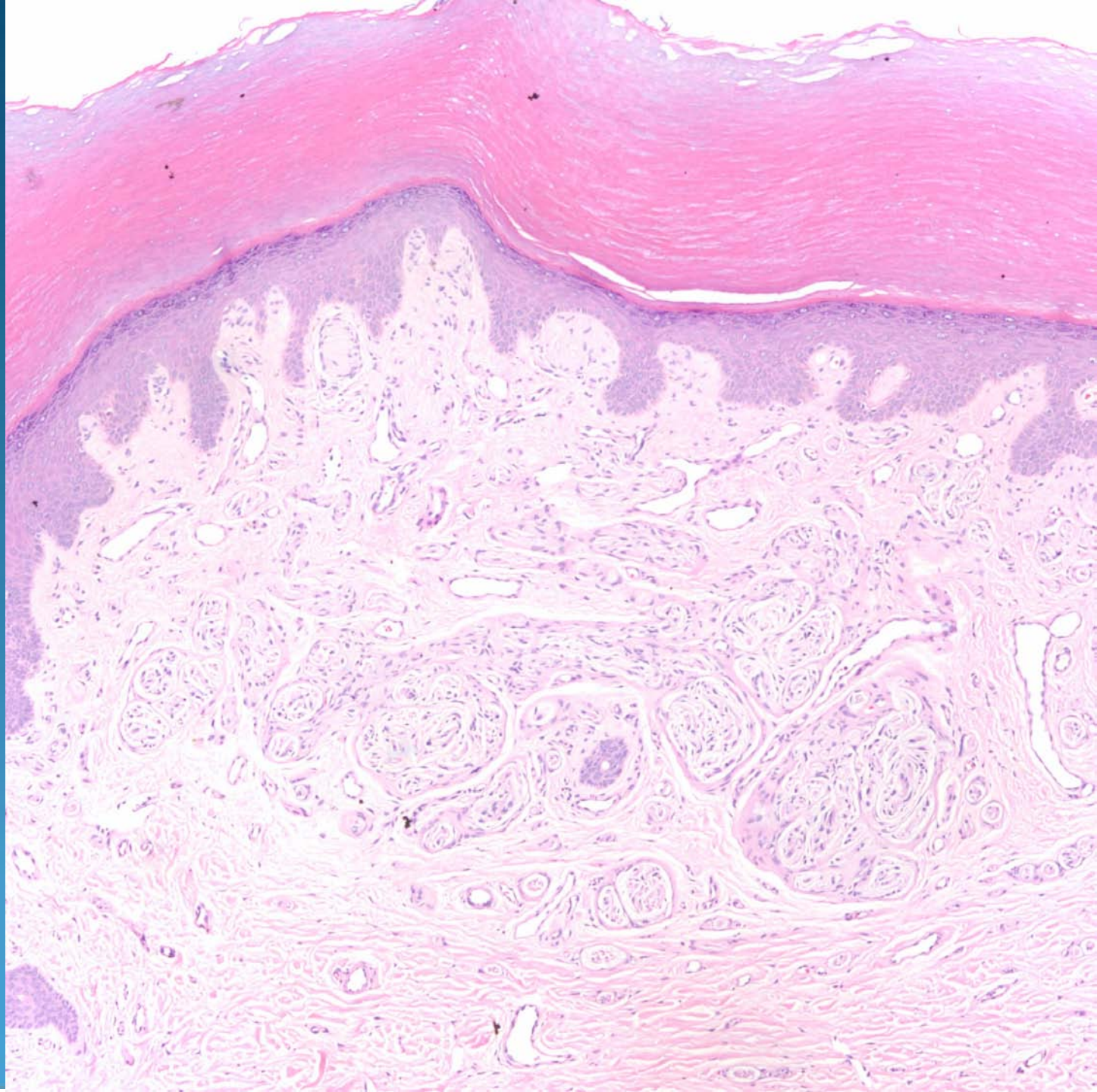
CD31

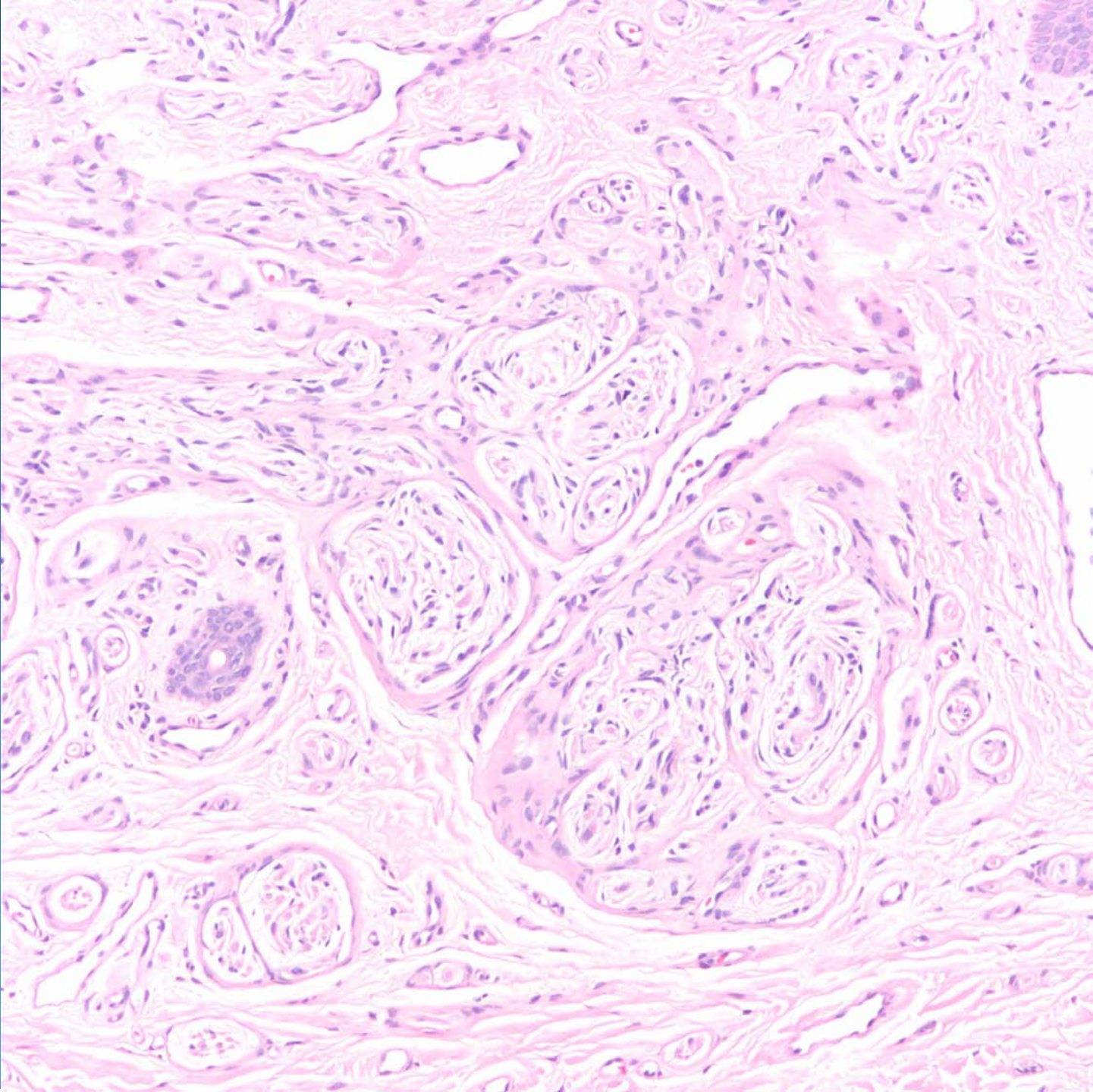
Pearls

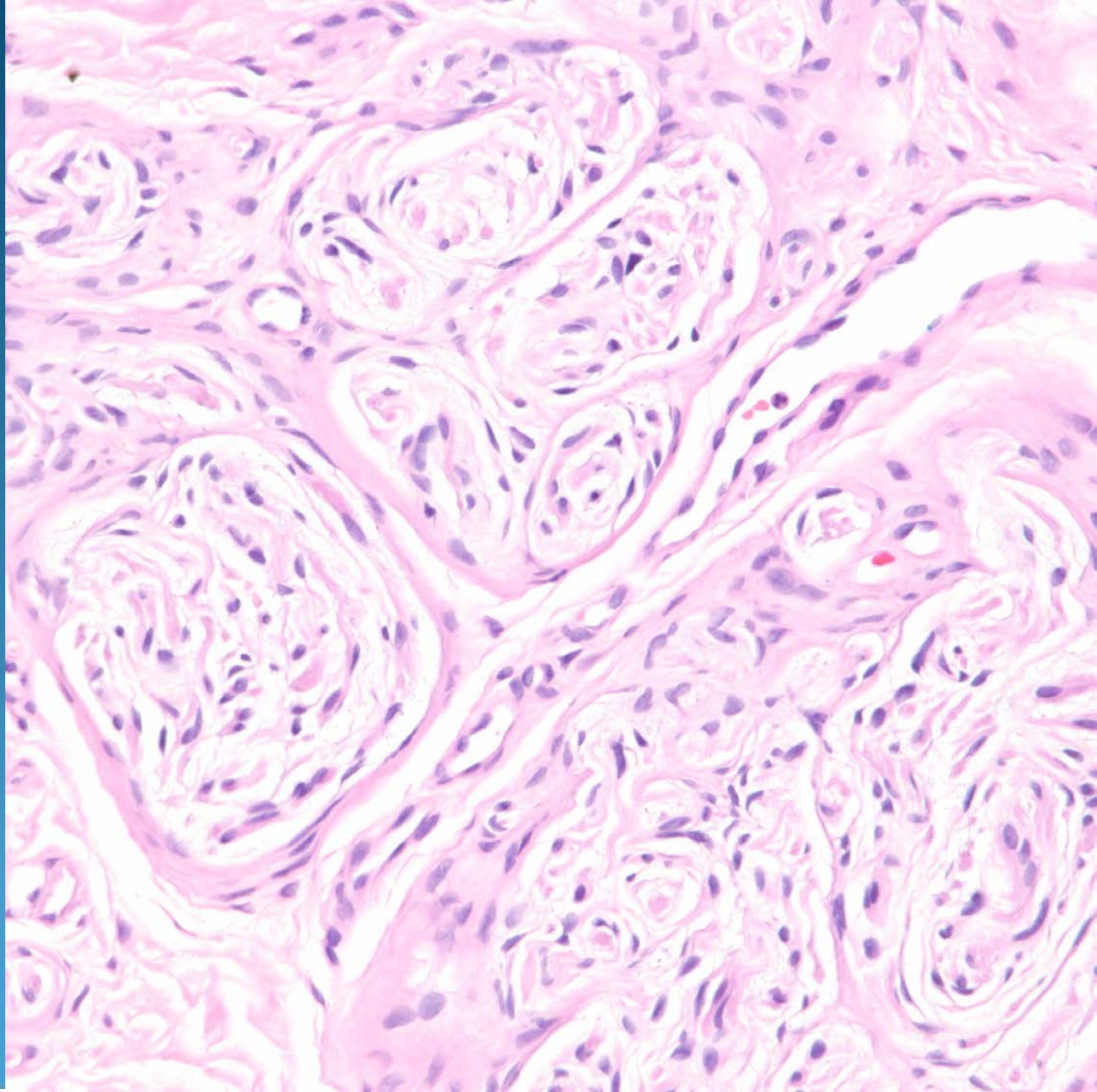


- Numerous vascular spaces dissecting the collagen
- May see promontory sign (neoplastic vessels surrounding existing vessels or adnexal structures)
- Endothelial cells hyperchromatic and atypical
- May be difficult to discern vessels in inflamed lesions-may utilize IHC for CD31



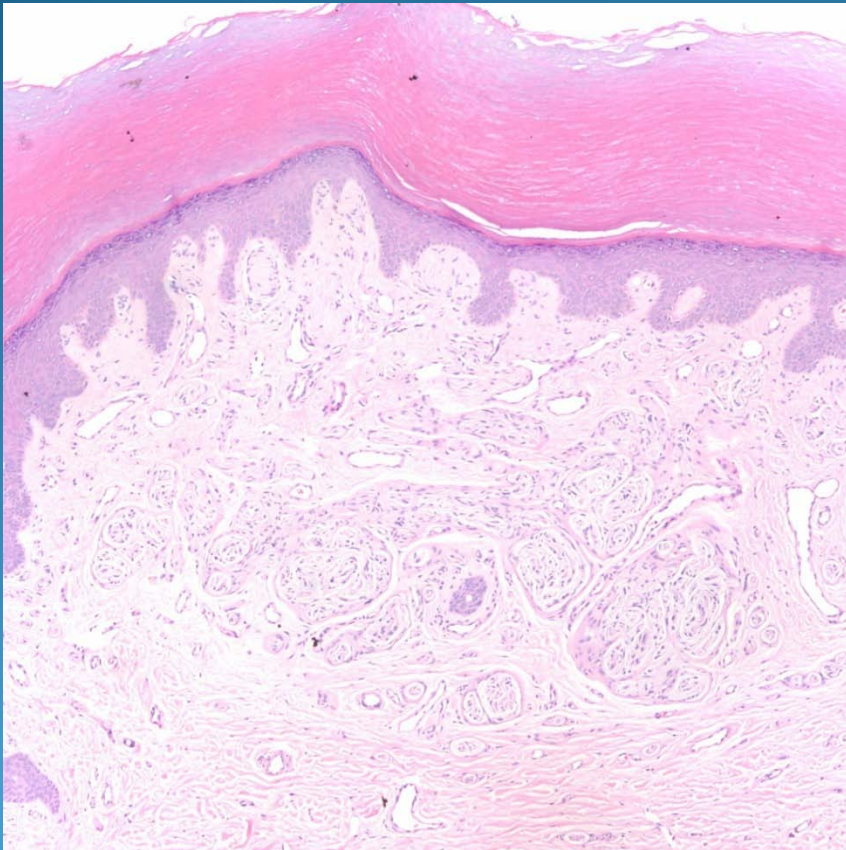




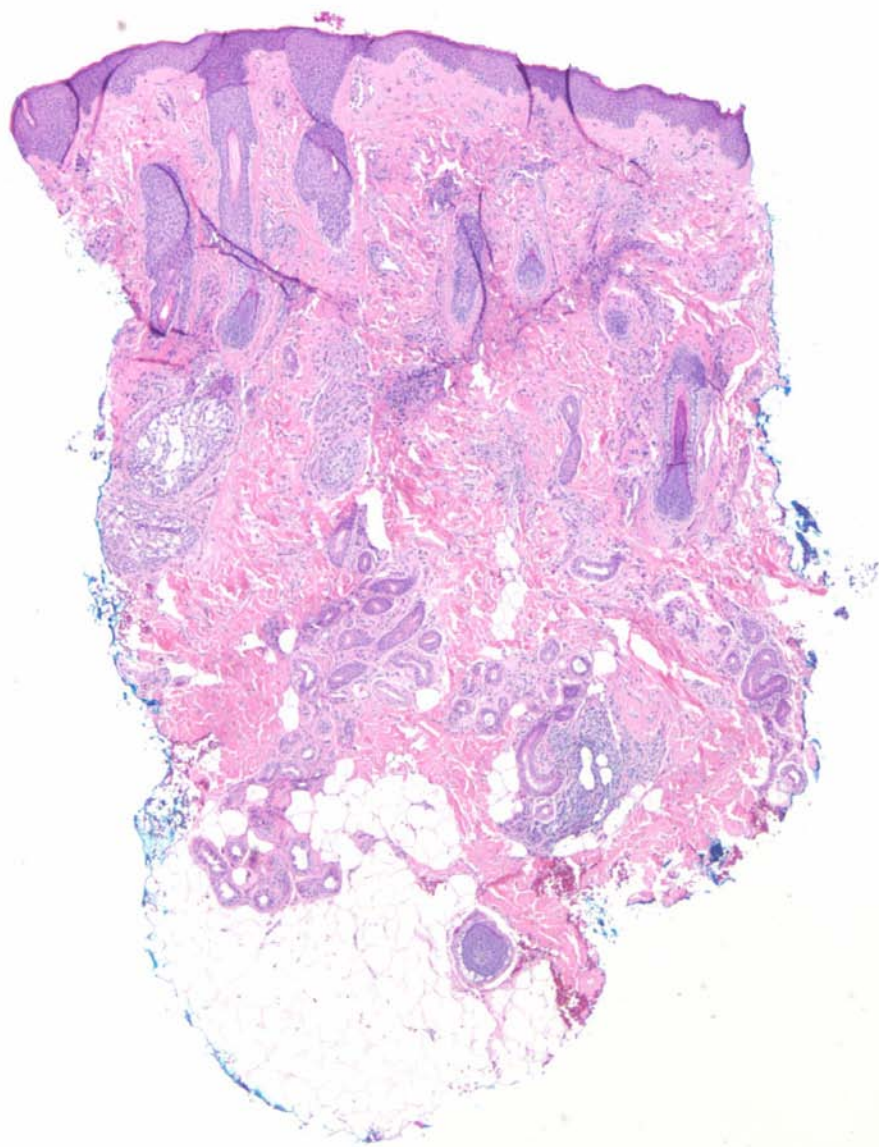


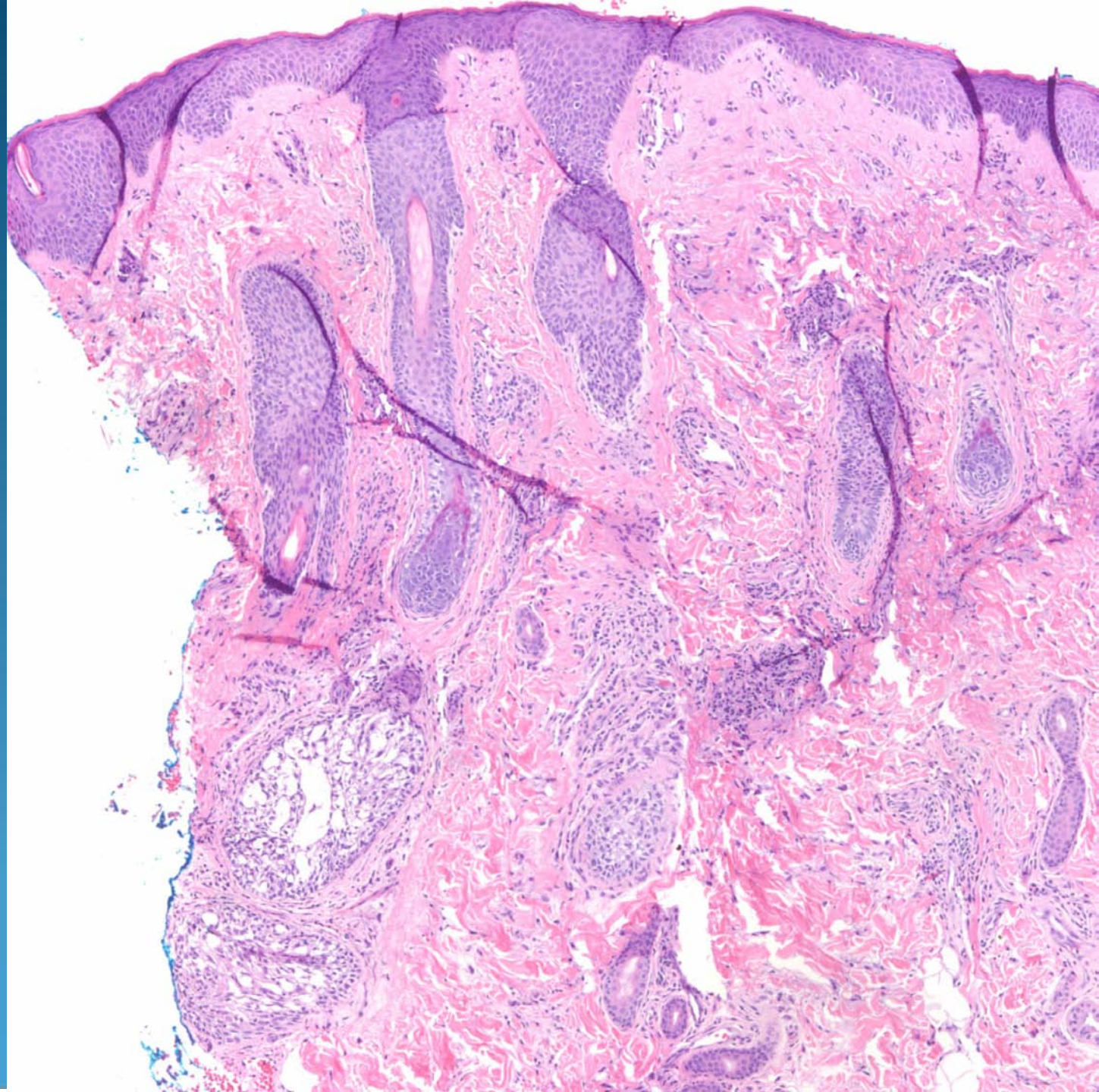
Rudimentary Polydactyly (Supernumerary Digit)

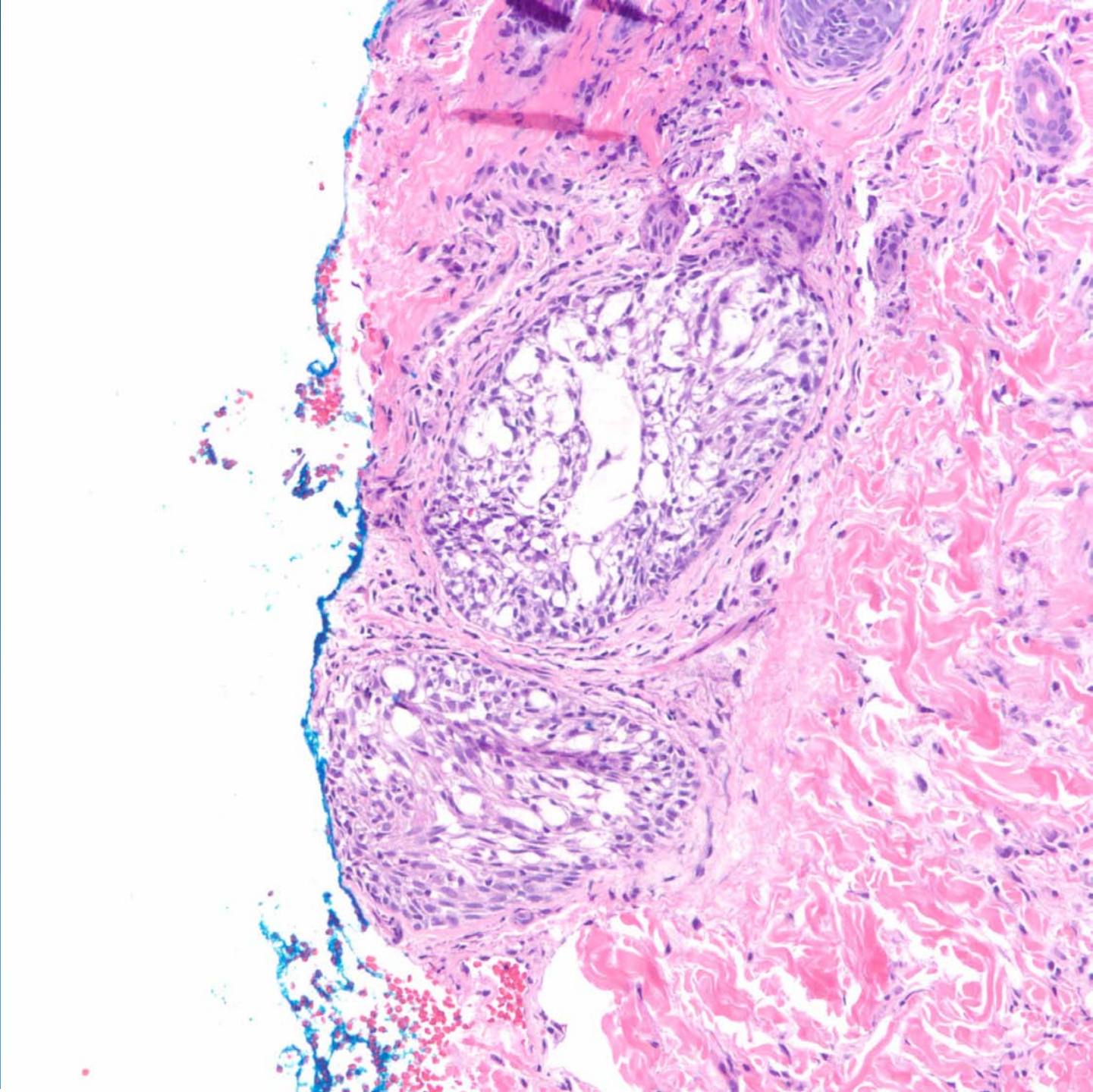
Pearls

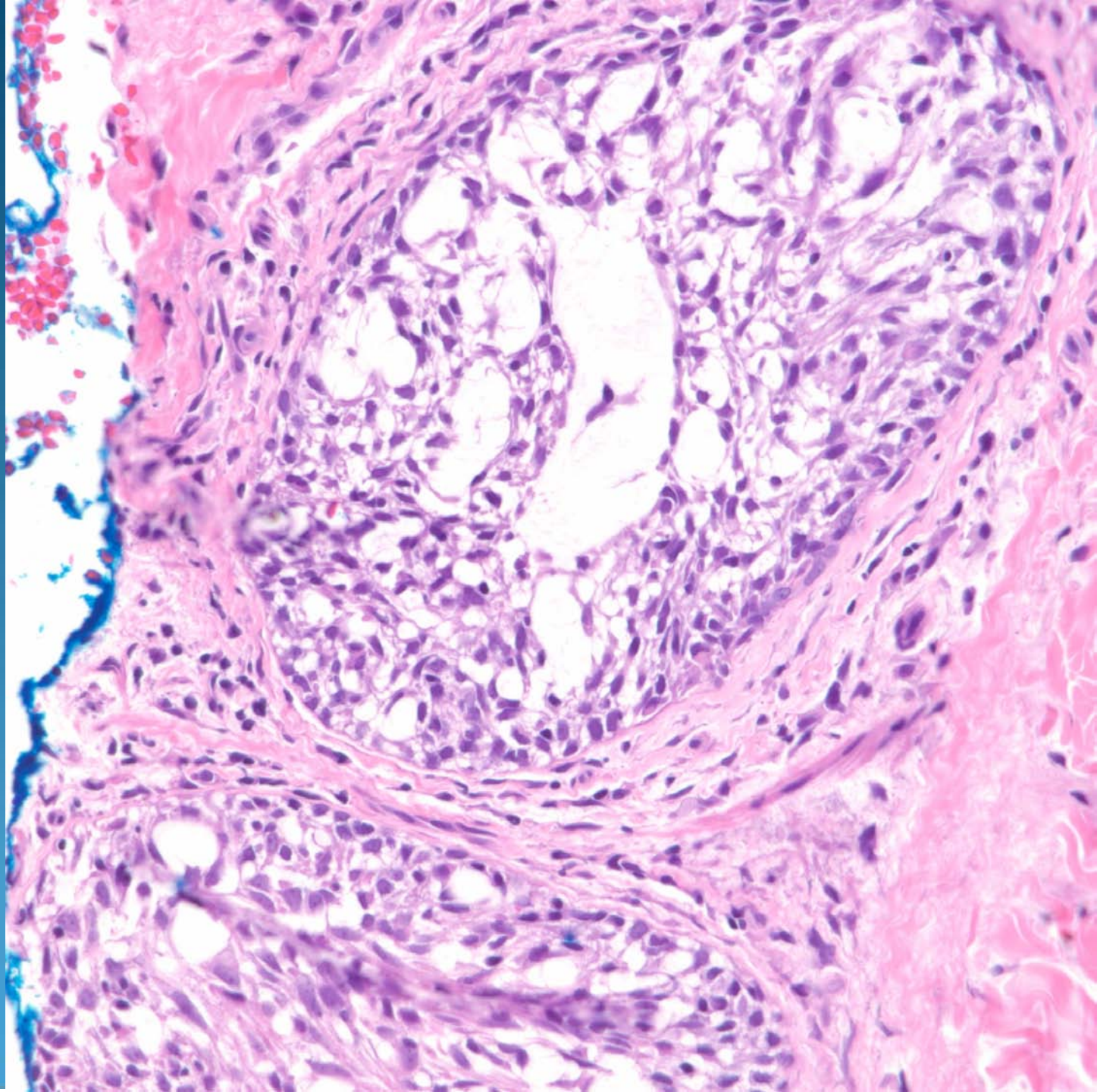


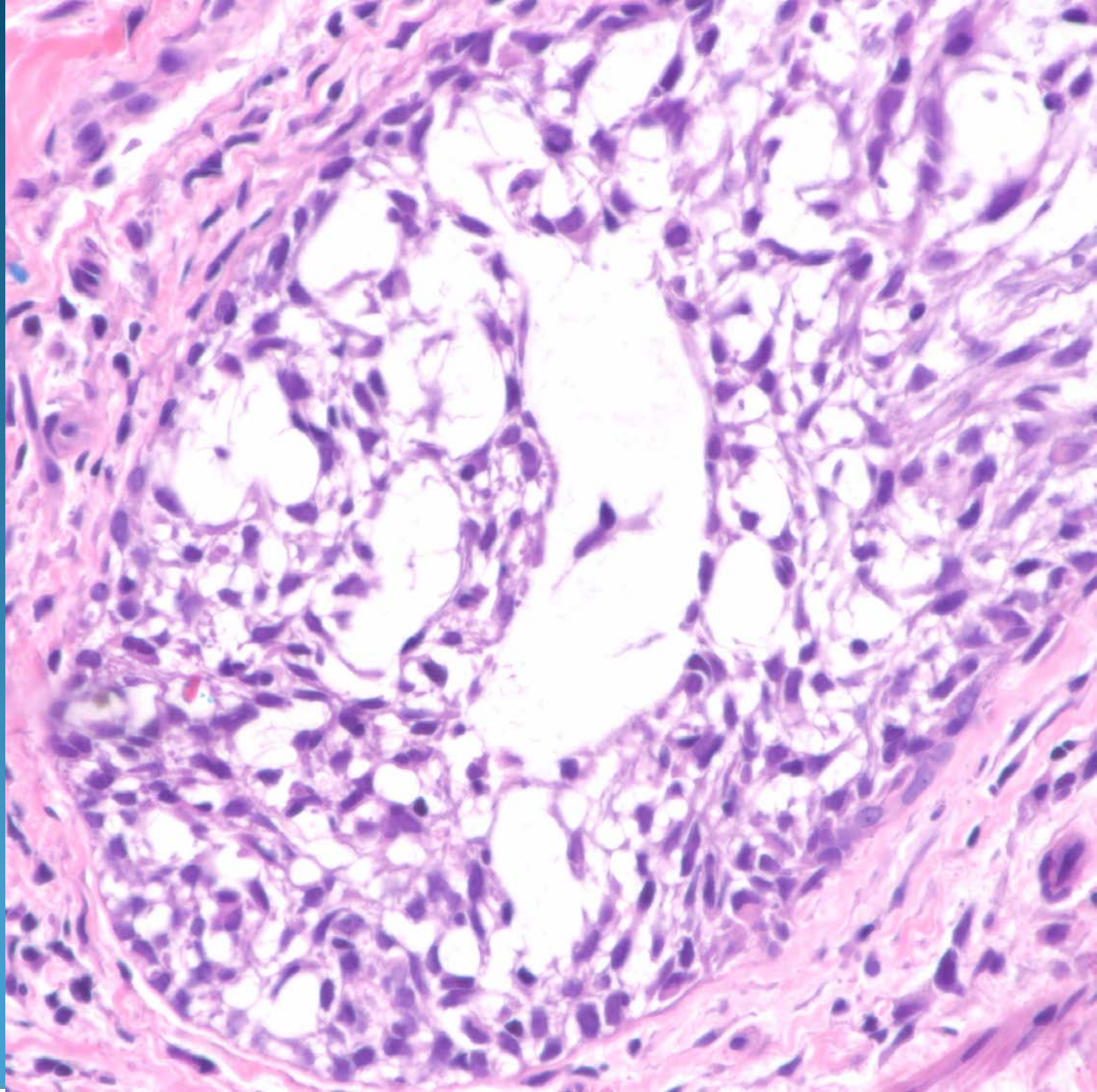
- Acral location and clinical correlation
- Varying collection of myelinated nerve bundles, may be interrupted by fibrosis
- Localized in superficial dermis
- May be a variant of accessory digit (supernumerary digit)



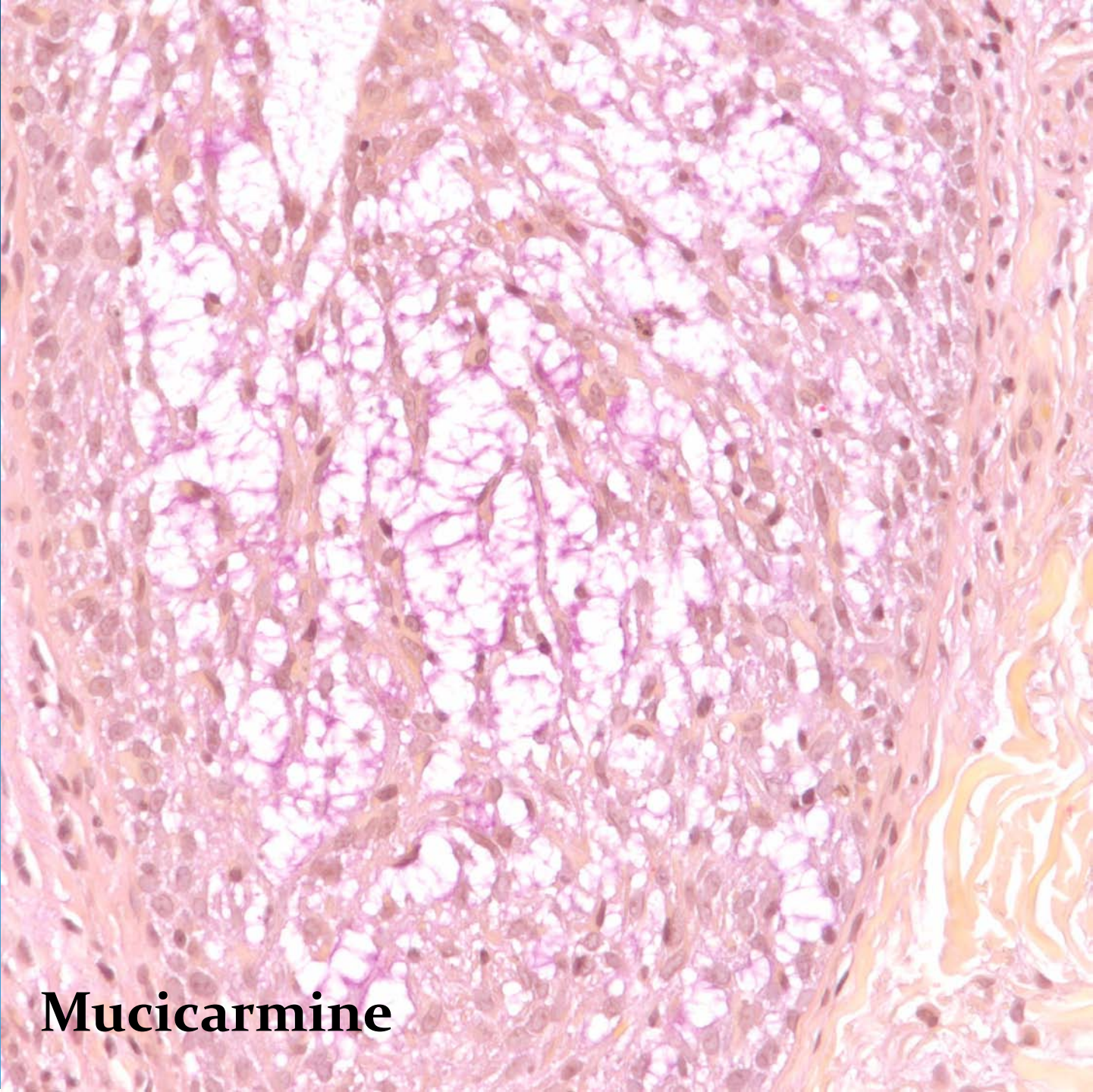






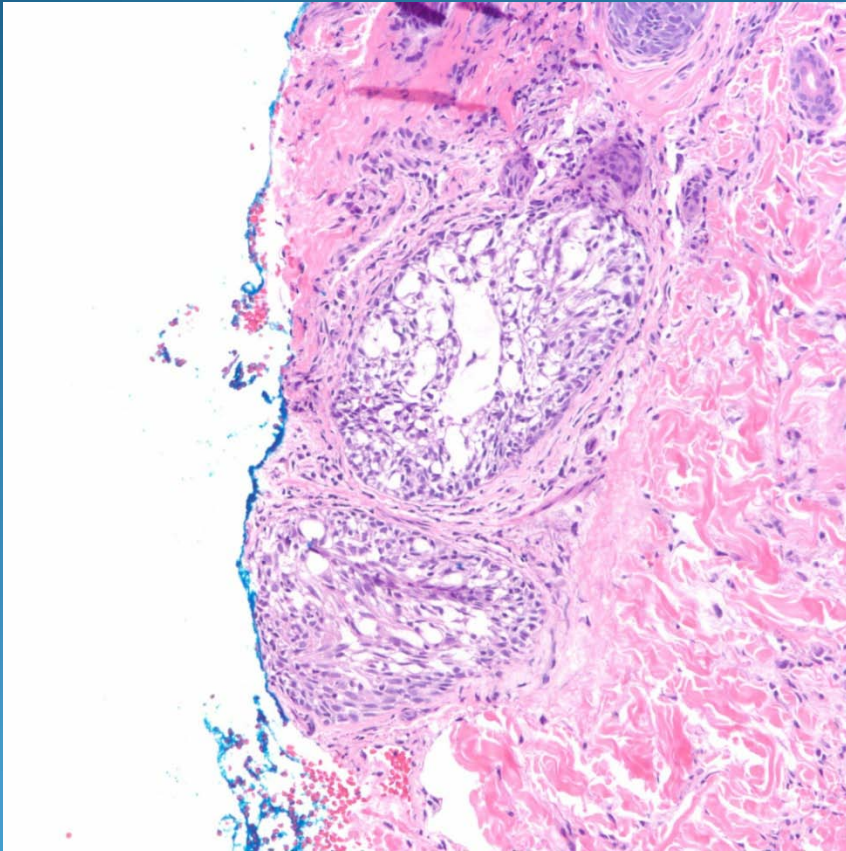


Follicular Mucinosis

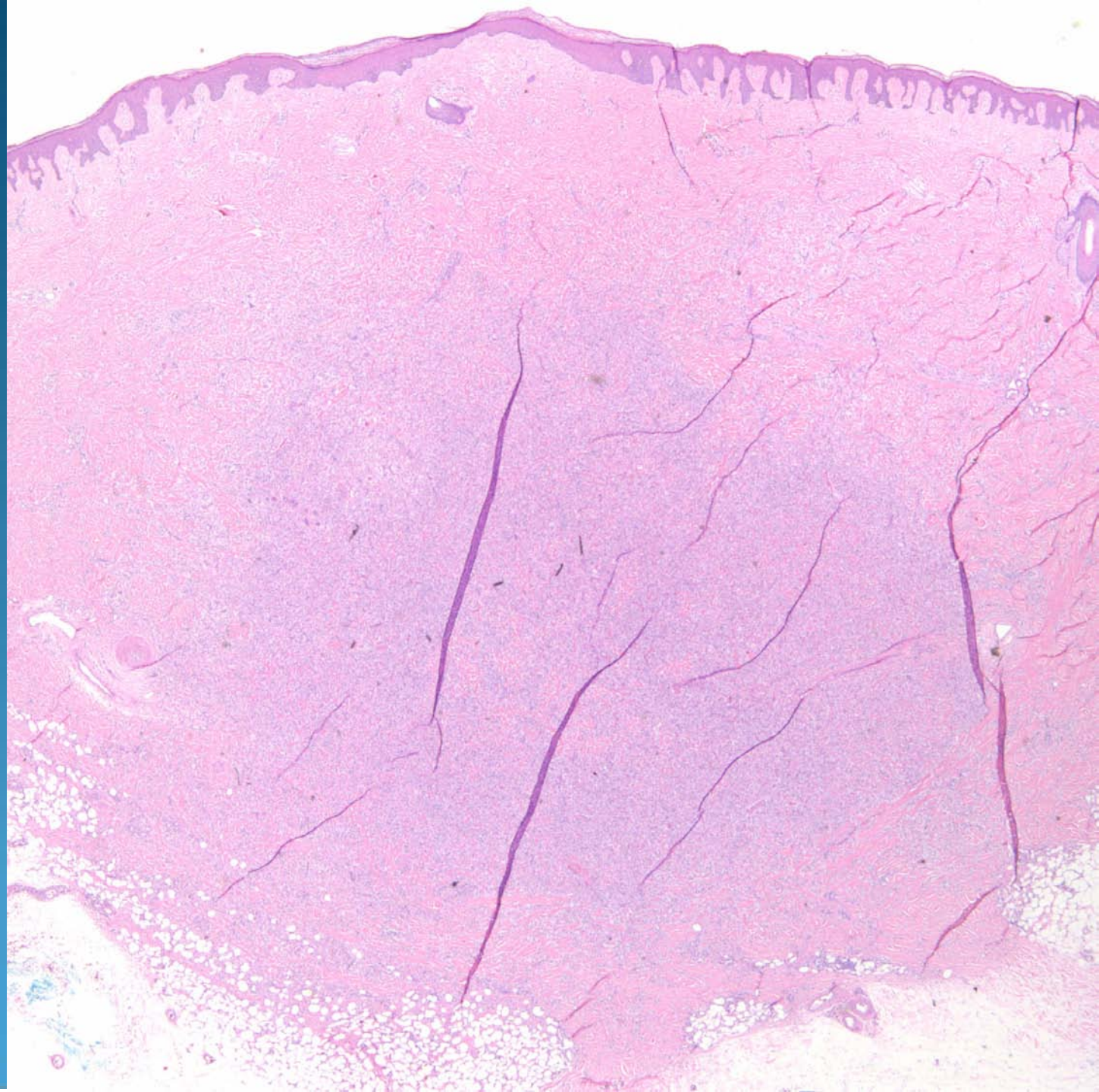


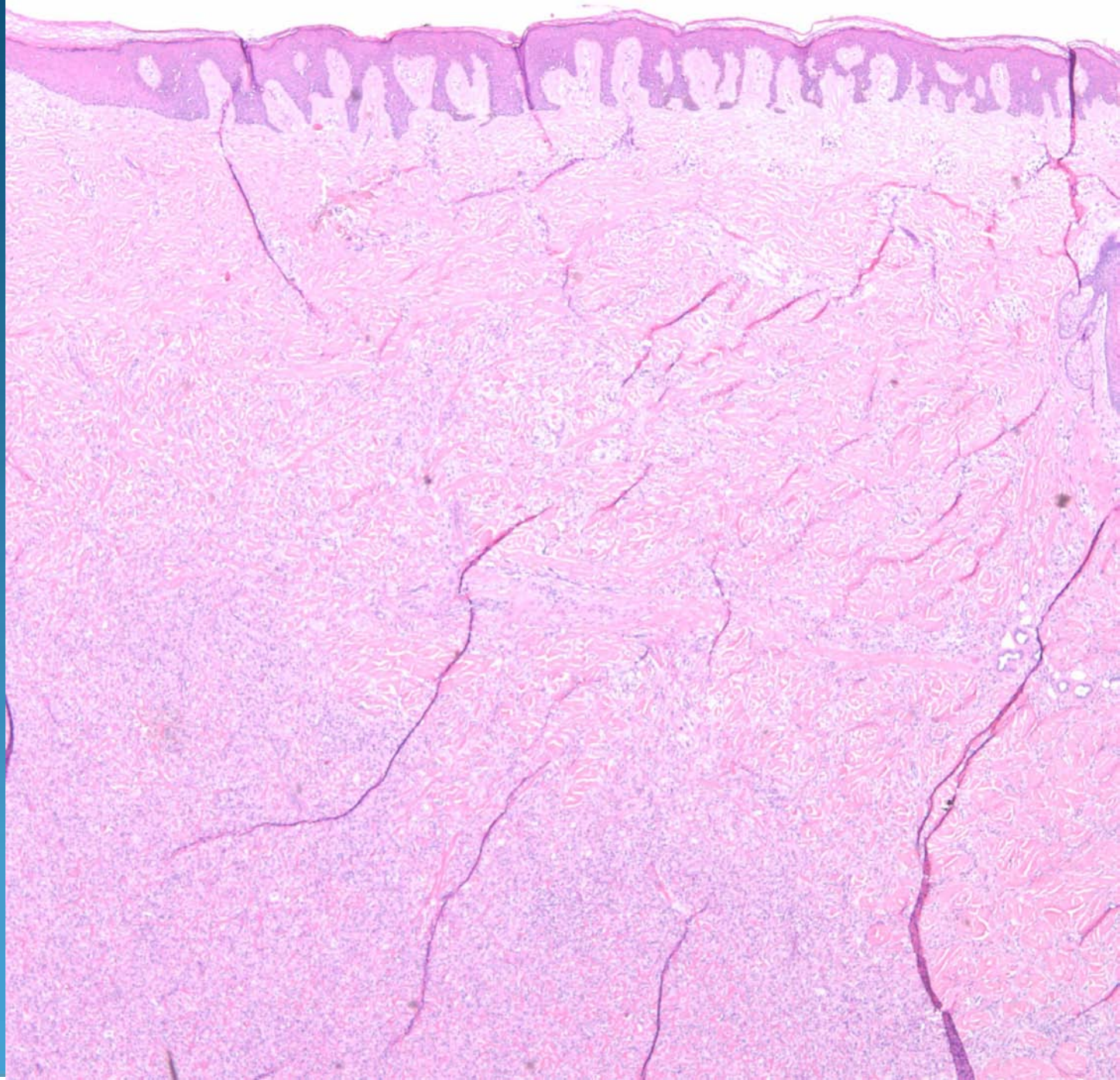
Mucicarmine

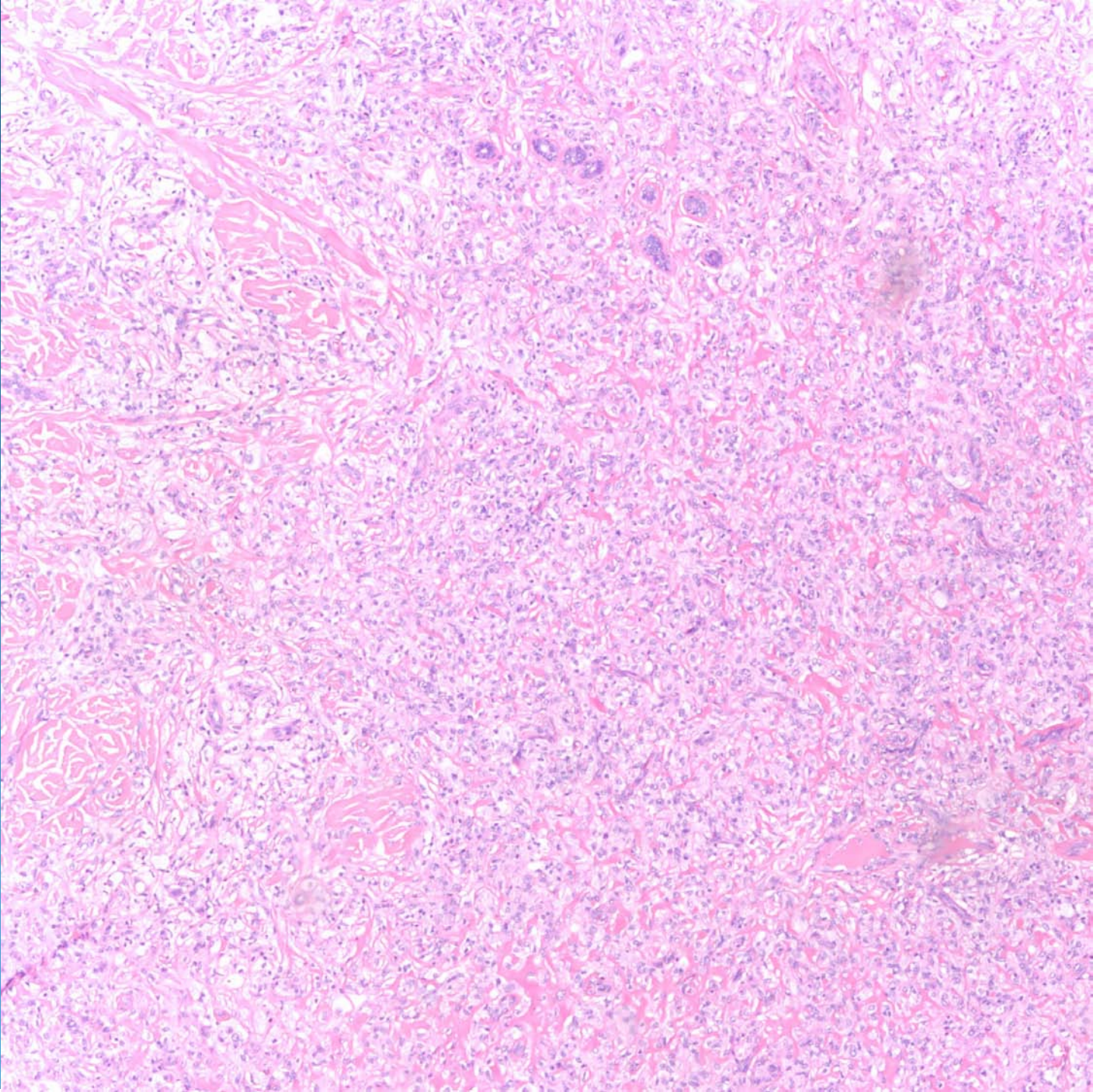
Pearls

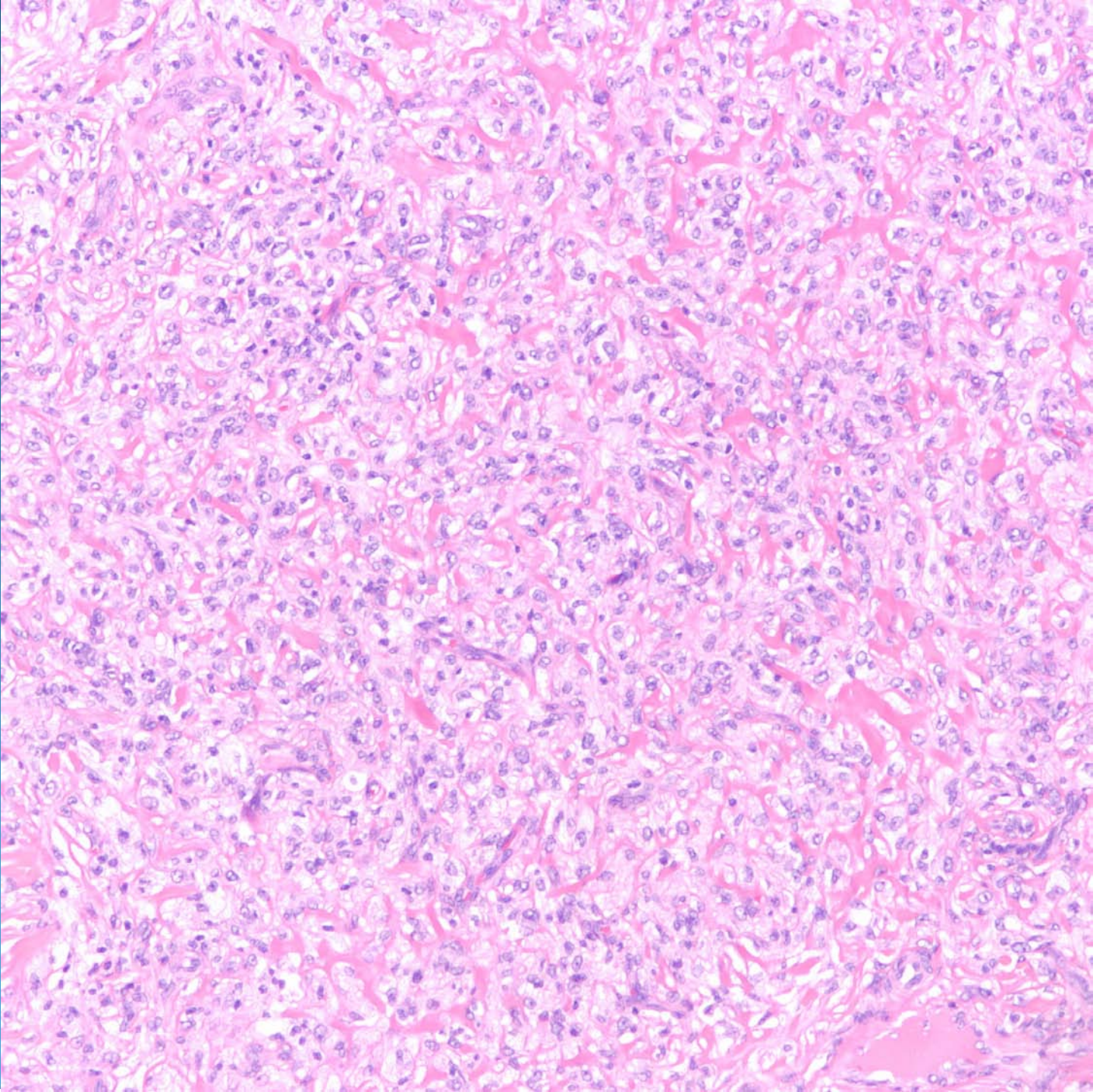


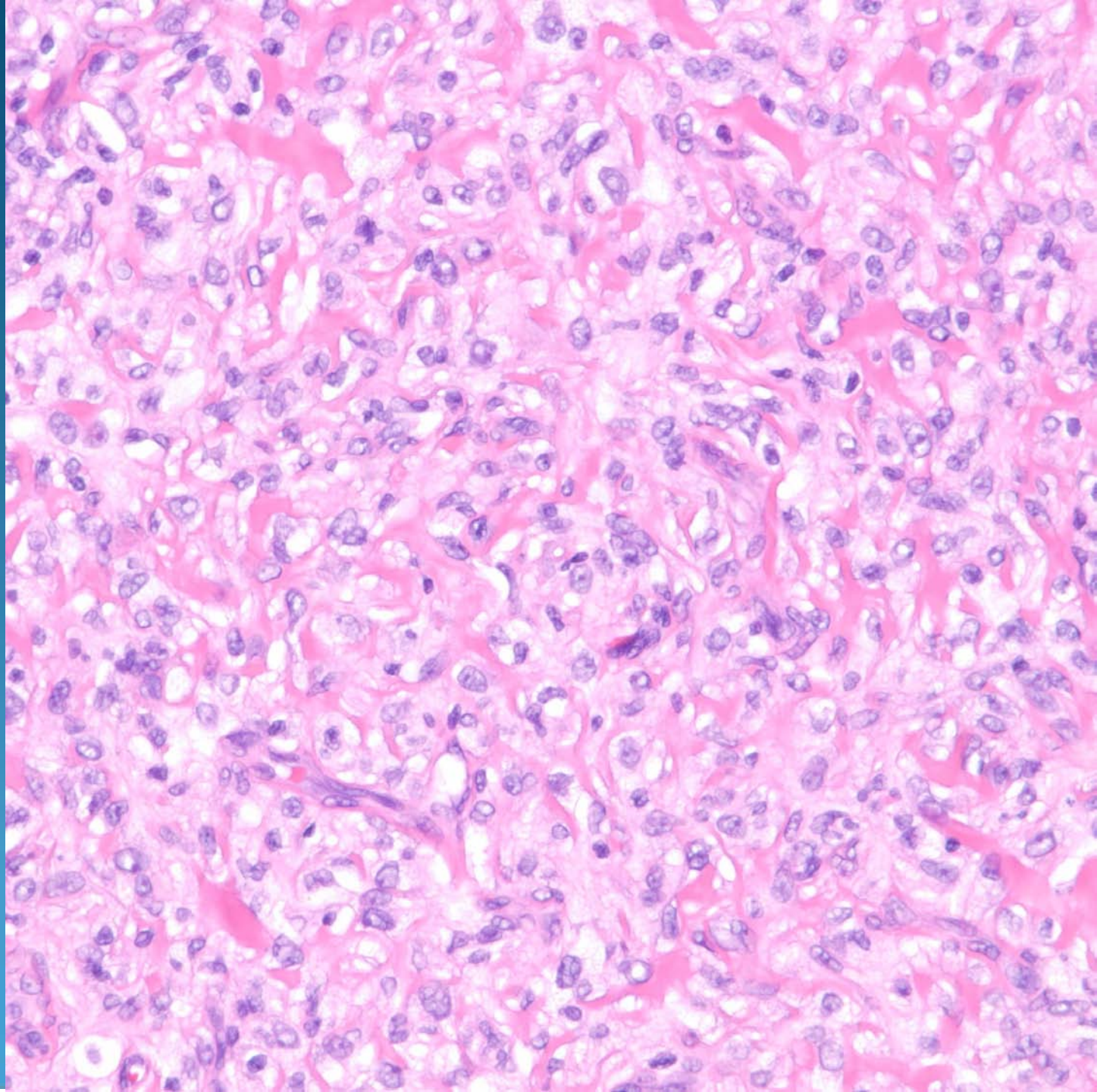
- Hair follicle expanded by intercellular mucin
- Confirm with mucin stains-mucicarmine, colloidal iron, or Alcian blue/PAS
- Rule out alopecia mucinosa
- Rule out concomitant CTCL

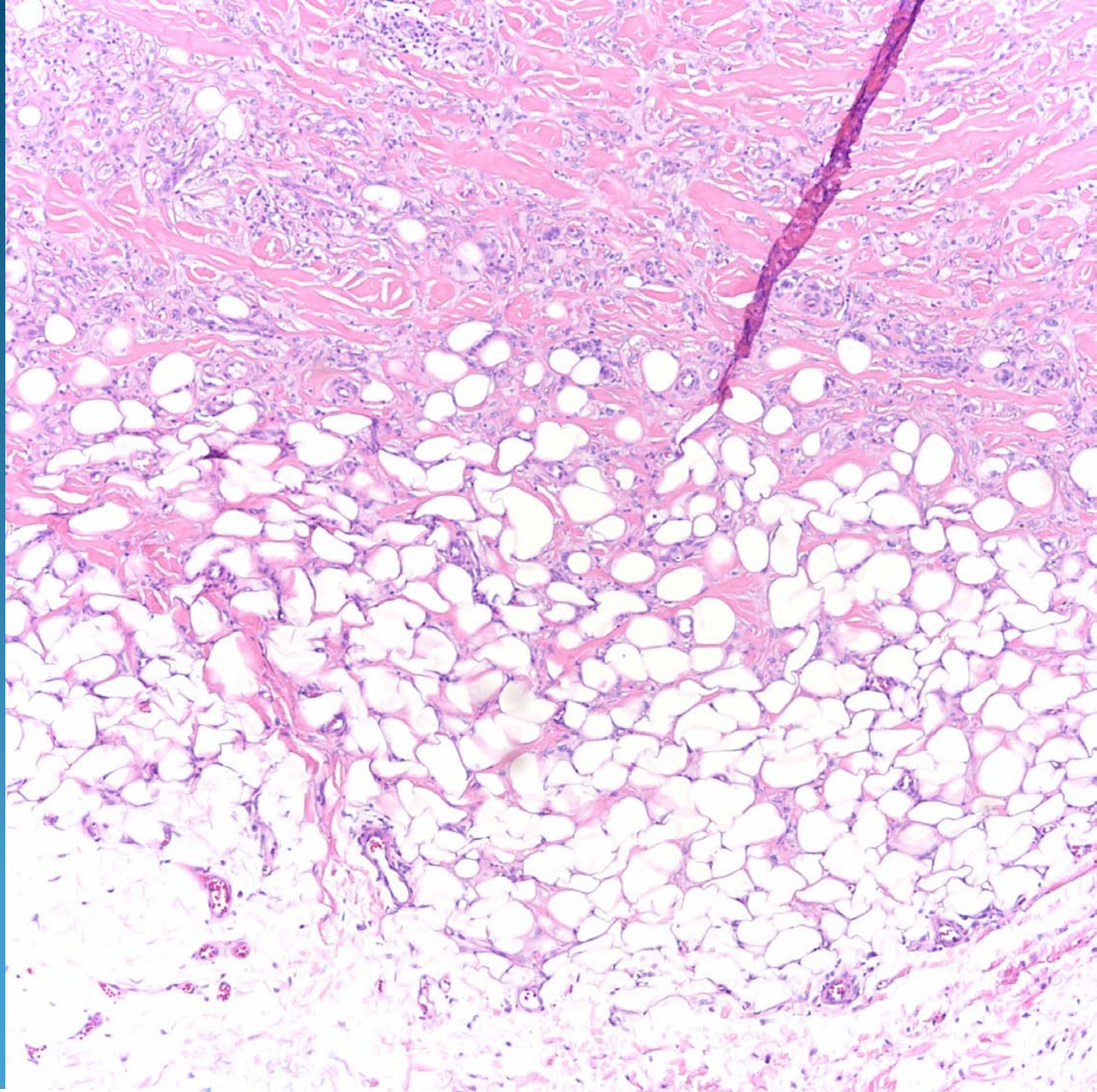


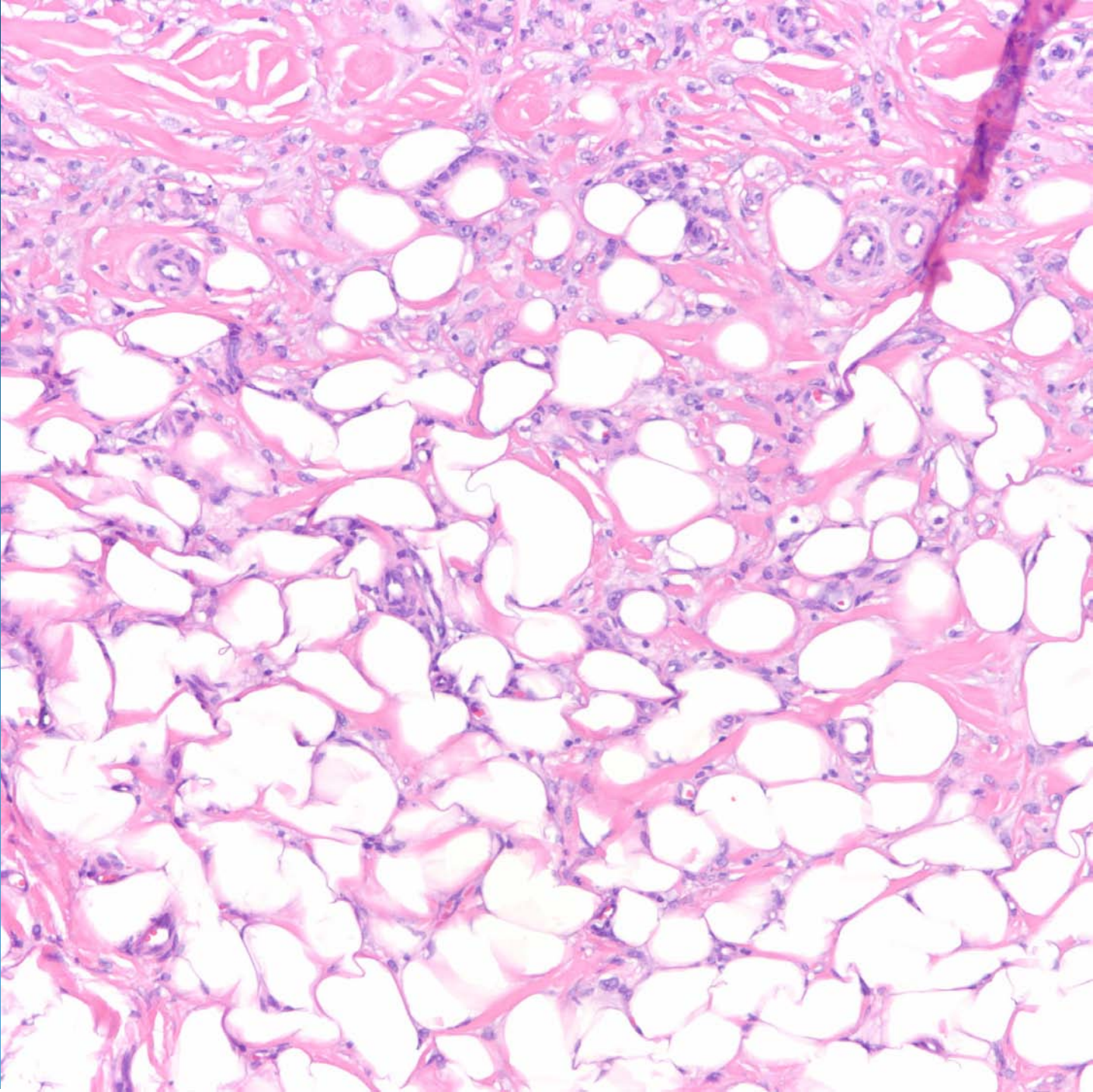






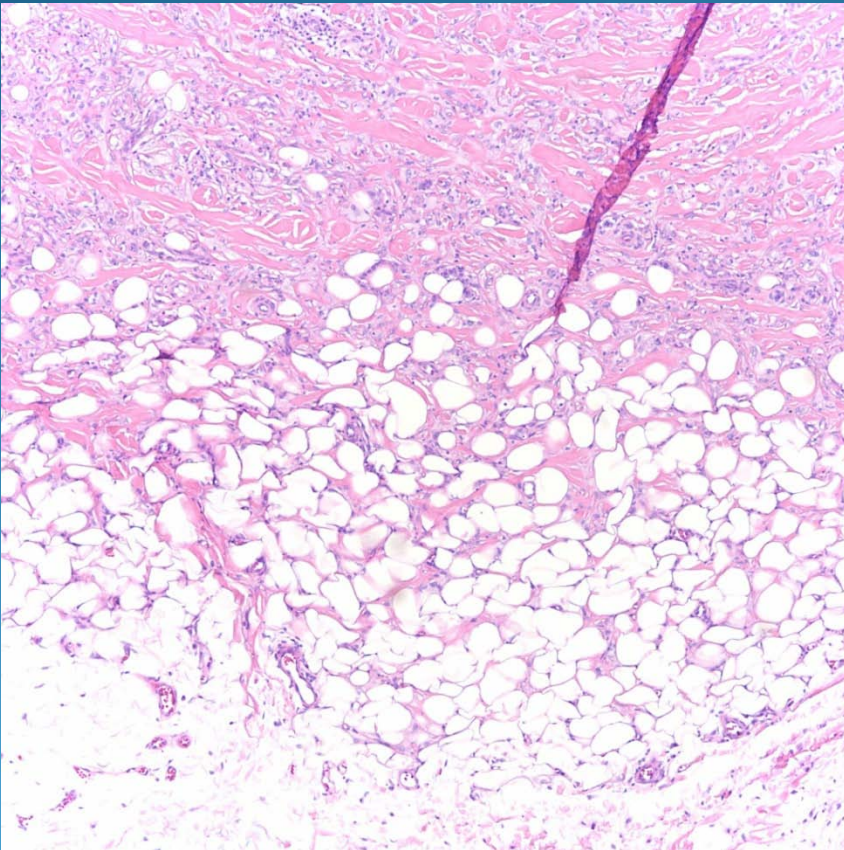






Dermatofibroma, Xanthomatous Variant

Pearls



- Cellular spindle cell tumor with epidermal hyperplasia and Grenz zone
- Cells have spindled and bubbly cytoplasm
- Look for “root-like” extension of cells into the fat, contrast with DFSP