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
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
Rudimenatary 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
Pearls

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