Dermatopathology Slide Review Part 73

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Cutis Laxa
Elastic Stain
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Pearls

- Invisible dermatosis-clinical pathological correlation
- May have slight decrease in dermal thickness
- Need elastic stain (VVG) to show near complete absence of elastic fibers
- DDX: Primary vs. secondary
Sarcomatoid Squamous Cell Carcinoma
Cytokeratin
Pearls

- Cytologically malignant spindle cell proliferation
- Look for areas of malignant squamous pearls or dyskeratosis
- DDX: AFX, Leiomyosarcoma, Desmoplastic melanoma
- Confirm with IHC: CK and p63+
Xanthoma (Xanthelasma)
Pearls

- Recognize eyelid skin (thin with vellus hairs)
- Diffuse replacement of dermis with foamy histiocytes
- Minimal chronic inflammation
Tattoo
Pearls

- Pigment in histiocytes and dermis
- Color dependent upon pigment utilized
- May have granulomatous reaction, including sarcoidal granulomas
- DDX: Nevus of Ota/Ito, Mongolian Spot, Blue nevus
Atypical Fibroxanthoma with Granular Cell features
Pearls

- Cytologically malignant spindle cells admixed with granular cells
- Rule out granular cell changes in carcinoma, sarcoma, and melanoma
- Need IHC: p63, CK, SMA, S100, HMB45, and MelanA