Dermatopathtology Slide Review Part 72

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Early Dermatofibroma with Sclerosing Hemangioma features
Pearls

- Variably cellular spindled cell tumor
- Usually lacks epidermal hyperplasia and collagen entrapment of mature dermatofibromas
- Increased hemosiderin laden macrophages
- Scattered Touton type giant cells with hemosiderin
Cutaneous Marginal Zone Lymphoma-B cell immunophenotype
Pearls

- Bottom heavy lymphoid infiltrate
- Grenz zone separates infiltrate from epidermis
- May have germinal centers
- Look for infiltration around eccrine ducts
- Confirm with IHC: B cells positive for CD20/CD79a
Porphyria Cutanea Tarda
Pearls

- Inflammatory cell poor subepidermal blister on sun damaged skin
- Festooning of dermal papillae
- Hyalinization around superficial vessels
- DIF: Negative
- DDX: EBA, BP, bullous LE
Halo Nevus
Pearls

- Dense lichenoid inflammatory cell infiltrate of mature lymphocytes and histiocytes with melanophages
- Must mentally subtract out lymphocytes and examine the melanocytic proliferation applying same principles of grading all melanocytic nevi
- Halo infiltrate does not necessarily equate to clinical halo
- Halo may be seen in all types of melanocytic proliferation including melanoma
Anaplastic Large Cell Lymphoma - CD30+
Pearls

- Pleomorphic mononuclear cell infiltrate with enlarged and hyperchromatic nuclei with prominent nucleoli and numerous MF
- May have mixed inflammatory cell infiltrate
- Confirm with IHC-CD30+
- Rule out systemic anaplastic lymphoma metastatic to the skin