Dermatopathology Slide Review Part 42

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Necrobiosis lipoidica
Pearls

- Palisading necrobiosis in stair-case like extension to deep reticular dermis
- Mixed chronic inflammatory infiltrate with plasma cells
- DDX: Granuloma annulare
Invasive Bowenoid Squamous Cell Carcinoma
Pearls

- Epidermis replaced by full thickness atypical squamous cells (Bowen’s disease)
- Epidermis in continuity with invasive nests
- High grade pleomorphic nuclei
Lichen Simplex Chronicus
Pearls

- Variable epidermal hyperplasia with hyperkeratosis—may have stratum lucidum
- Dermal papillary fibrosis
- Continuum with prurigo nodularis
- Keratinocytes with no viral cytopathic changes or atypia
Axillary Granular Parakeratosis
Pearls

- Pronounced hyper- and parakeratotic scale without hypergranulosis
- Psoriasiform epidermal changes
- Clinical-pathological correlation
- DDX: Psoriasis, Pityriasis rubra pilaris
Amelanotic Malignant Melanoma
Pearls

- Pleomorphic cellular tumor
- Look for epidermal junctional attachment
- Rule out lymphovascular invasion
- Confirm with IHC: S100 and MelanA+