Dermatopathology
Slide Review Part 30

Paul K. Shitabata, M.D.
Dermatopathology Institute
Dermal Sclerosis consistent with Chronic Radiation Dermatitis
Pearls

- Chronic lesions may show diffuse dermal sclerosis
- Variable changes of telangiectasia, edema, and vascular hyalinization
- May have atypia of fibroblasts with hyperchromasia
- DDX: Morphea, Chronic GVH, Acrodermatitis atrophicans
Cutaneous B-cell Lymphoma
Pearls

- Bottom heavy lymphoid infiltrate
- Grenz zone separates dermal infiltrate from epidermis
- May have expansile irregular germinal centers
- Confirm with B-cell markers (CD79a, CD20)
Eccrine Poroma
Pearls

- Low power expansile tumor arising from epidermis
- Plate-like squamous epithelial cells
- May have multiple cystic spaces
- Hyalinization around perivascular spaces
CD30
Anaplastic Large Cell Lymphoma
CD30+, Ki-1+
Pearls

- Diffuse replacement of dermis with cytologically malignant lymphoid cells
- Increased mitotic rate
- Epidermotropism not prominent
- Confirm with CD30
- DDX: Peripheral T-cell lymphoma, metastatic lymphoma, Hodgkins disease, poorly differentiated carcinoma, melanoma
Basal Cell Carcinoma–Morpheaform type
Pearls

- Linear infiltrating strands of cytologically bland epithelial cells
- Generally lacks peripheral palisading and stromal-tumor clefting
- May have desmoplastic stromal host response