Dermatopathology
Slide Review Part 157

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Soft Tissue Giant Cell Tumor of Low Malignant Potential
Notes

• This is a rare soft tissue neoplasm that histologically resembles giant cell tumor of the tendon sheath

• Mitotic rate is brisk but cellular atypia is minimal

• Differential diagnosis includes a malignant fibrous histiocytoma with giant cells. In this latter tumor, there is marked cytologic pleomorphism
Cellular spindle cell tumor with giant cells

Mitotic activity is brisk but no atypical MF
Nodular and Cystic Basal Cell Carcinoma
This variant of BCC may present with an empty cystic space. Important to cut deeper to see the basal cells clinging to the cavity.
Dermatofibrosarcoma Protuberans
Spindle cells in storiform configuration

Adipocytes pulled into papillary dermis with “Swiss-cheese” pattern

Minimal Cytologic Atypia

Confirm with CD34 positivity
Erythema Multiforme
Acute Interface Dermatitis with Lymphocytes

Variable eosinophils

Dyskeratotic keratinocytes

May show subepidermal vesicle/blister
Chillblains (Perniosis)
Lichenoid interface dermatitis
Superficial and Deep Perivascular and Periadnexal Lymphocytic Infiltrate

Variable dermal mucinosis
May show lymphocytic vasculitis