Dermatopathology Slide Review Part 2

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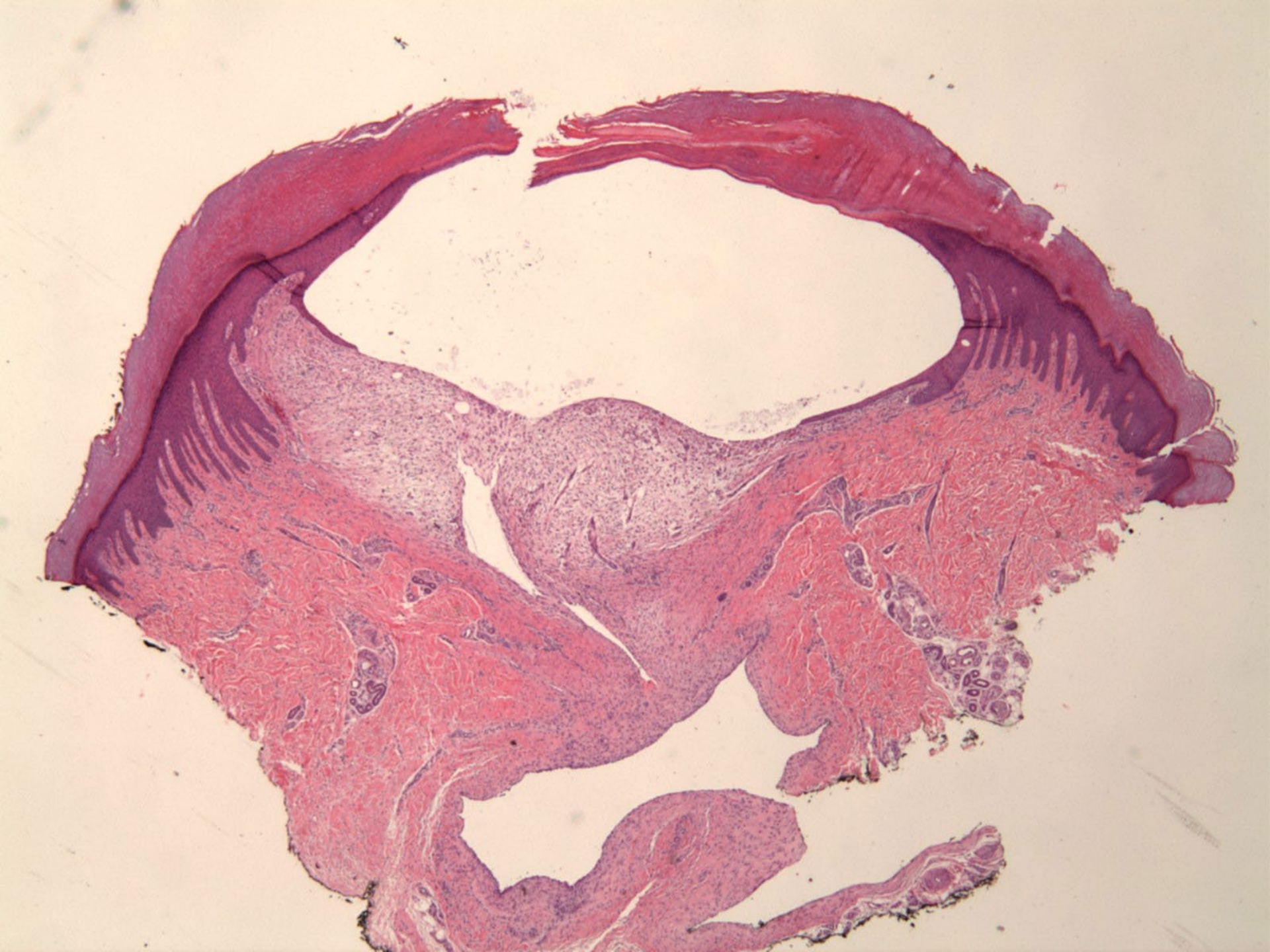
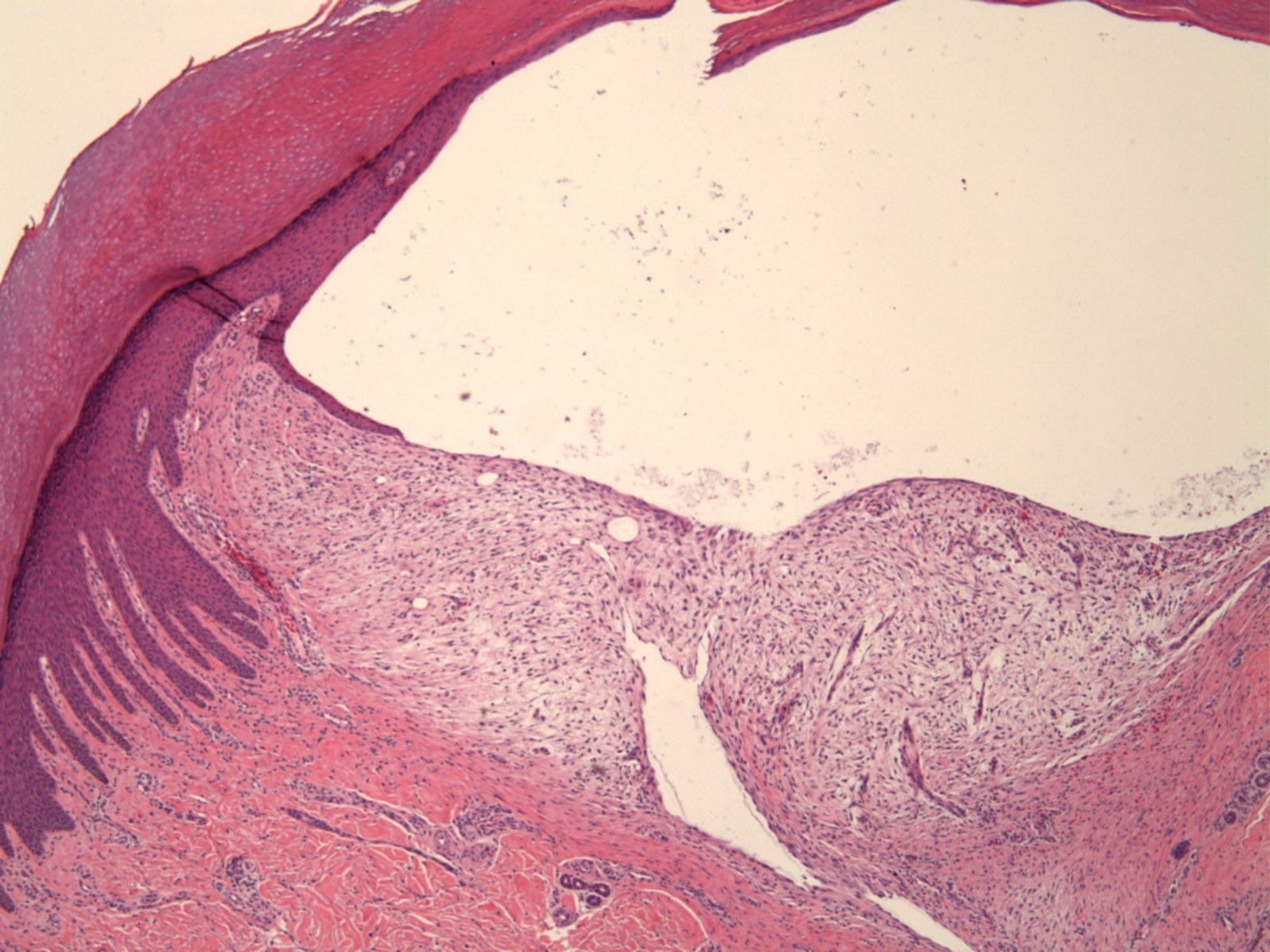
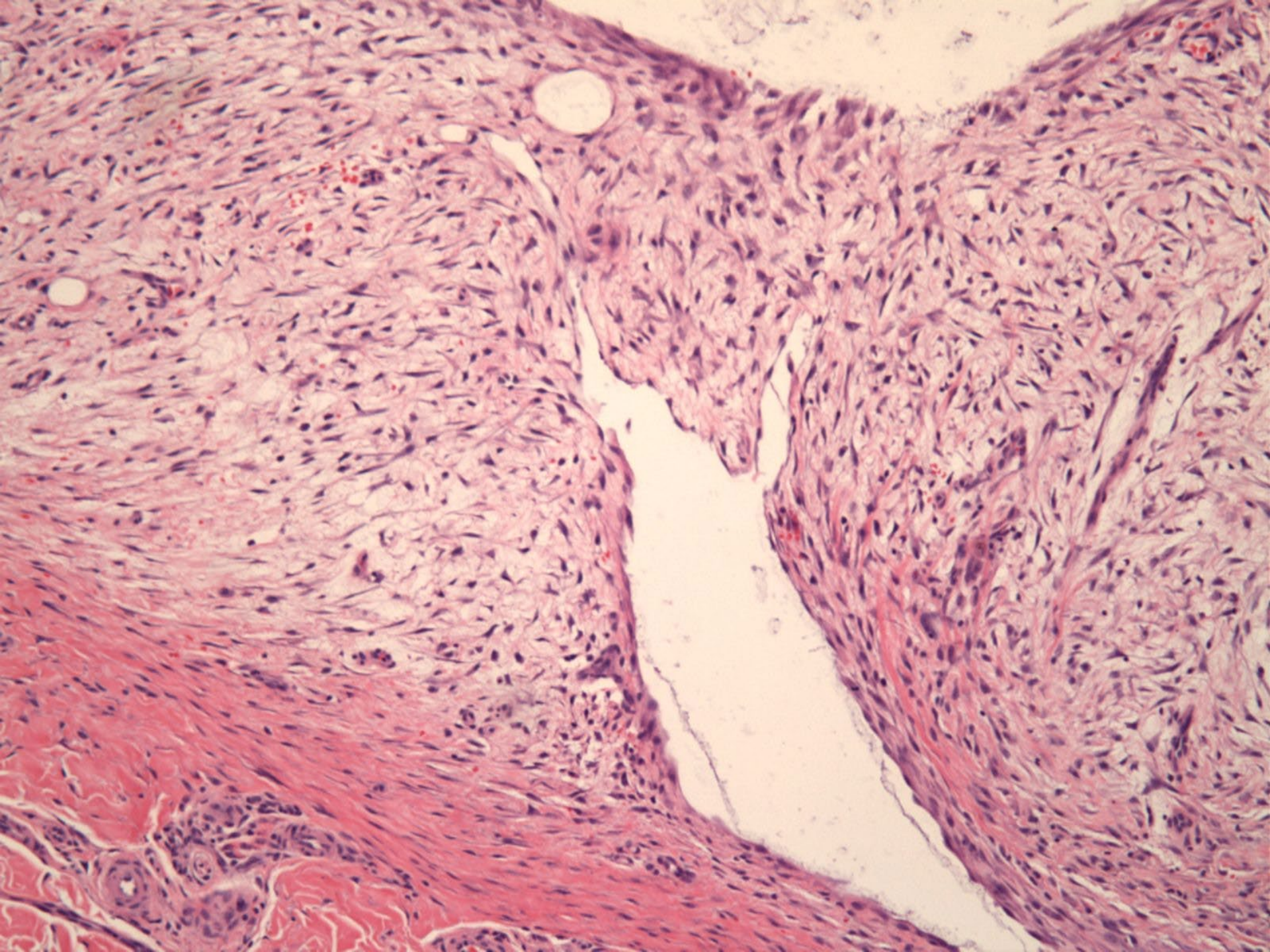
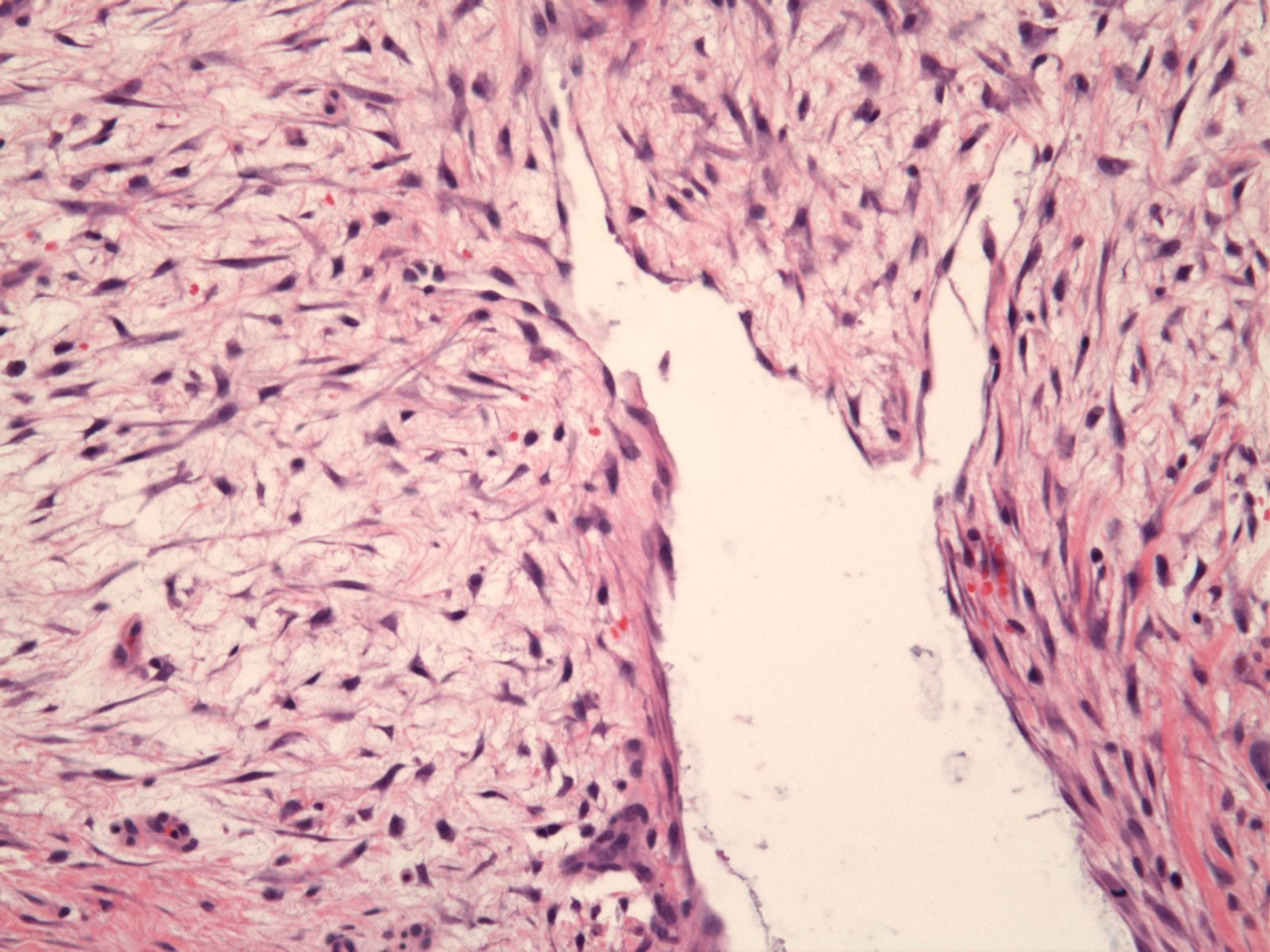
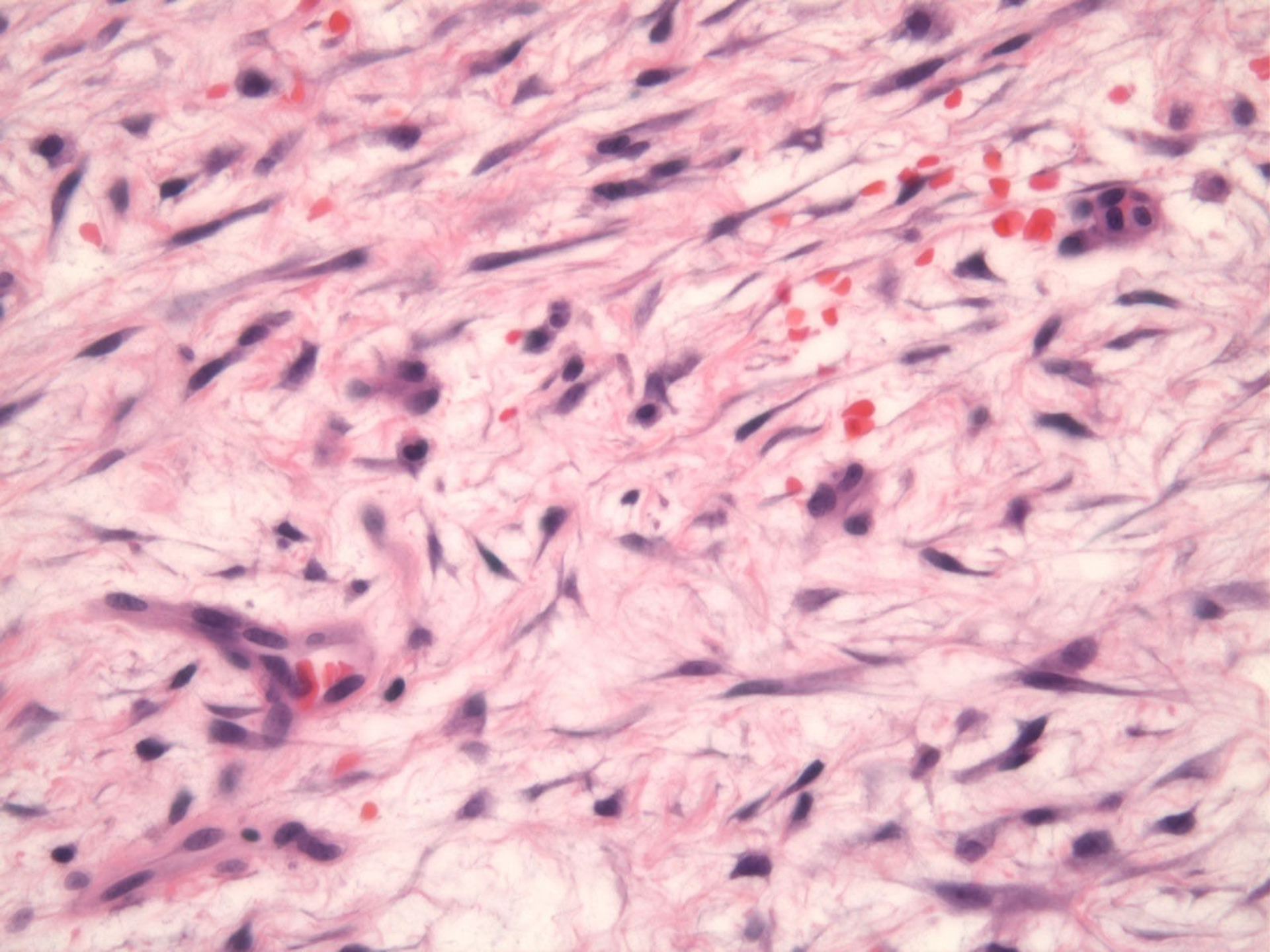
Dermatopathology Institute









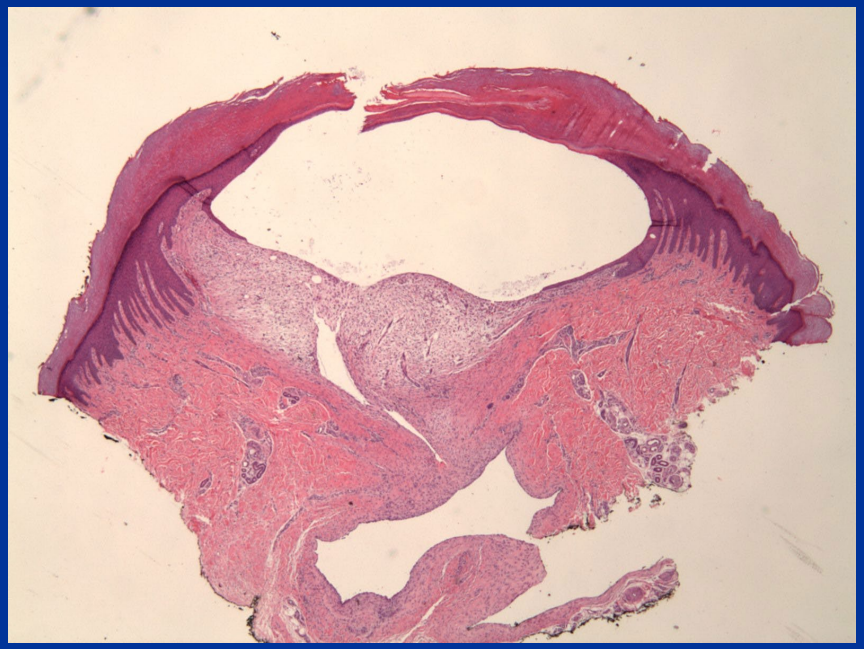


Questions

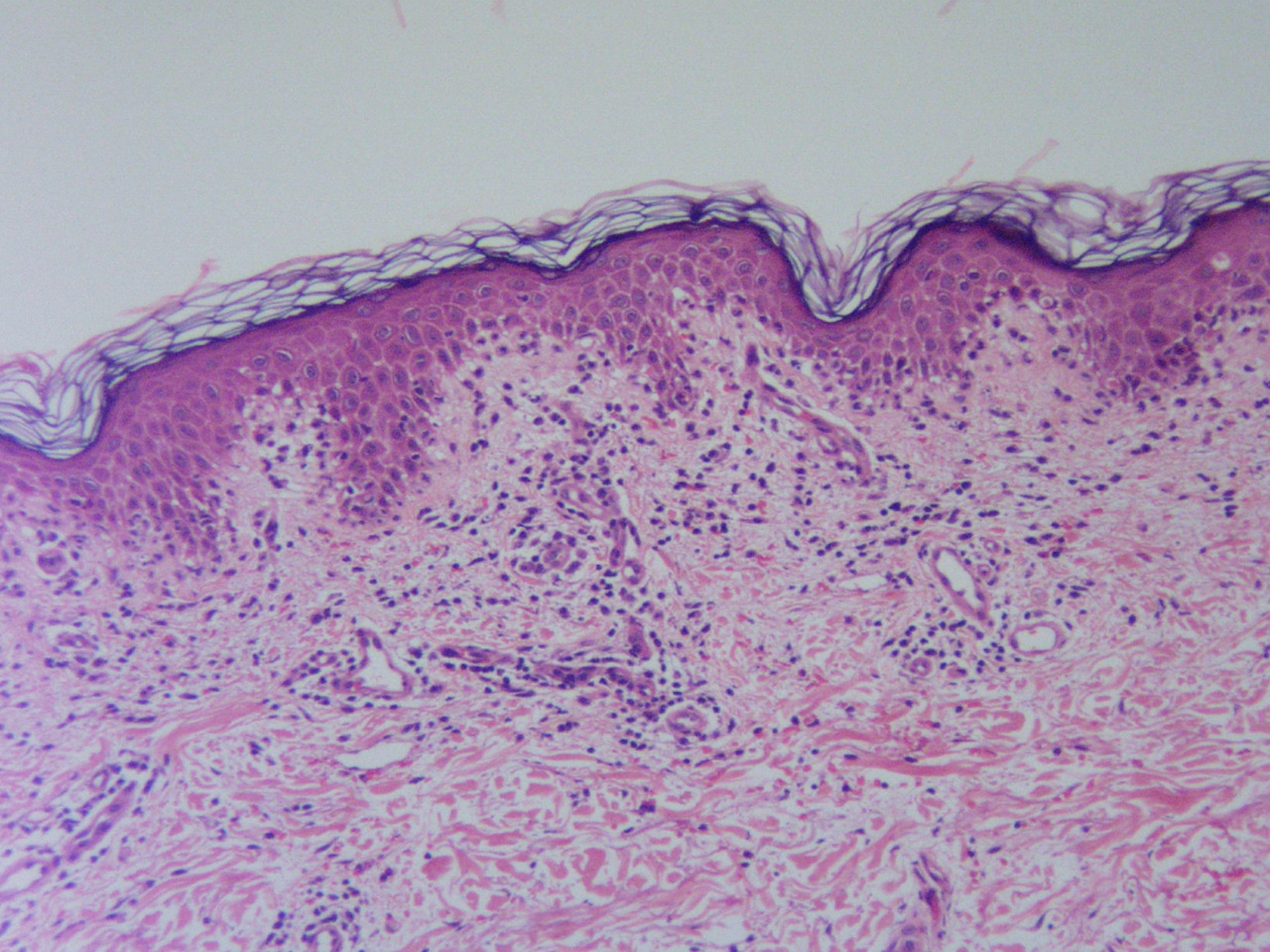
- True cyst or pseudocyst?
- Differential diagnosis?

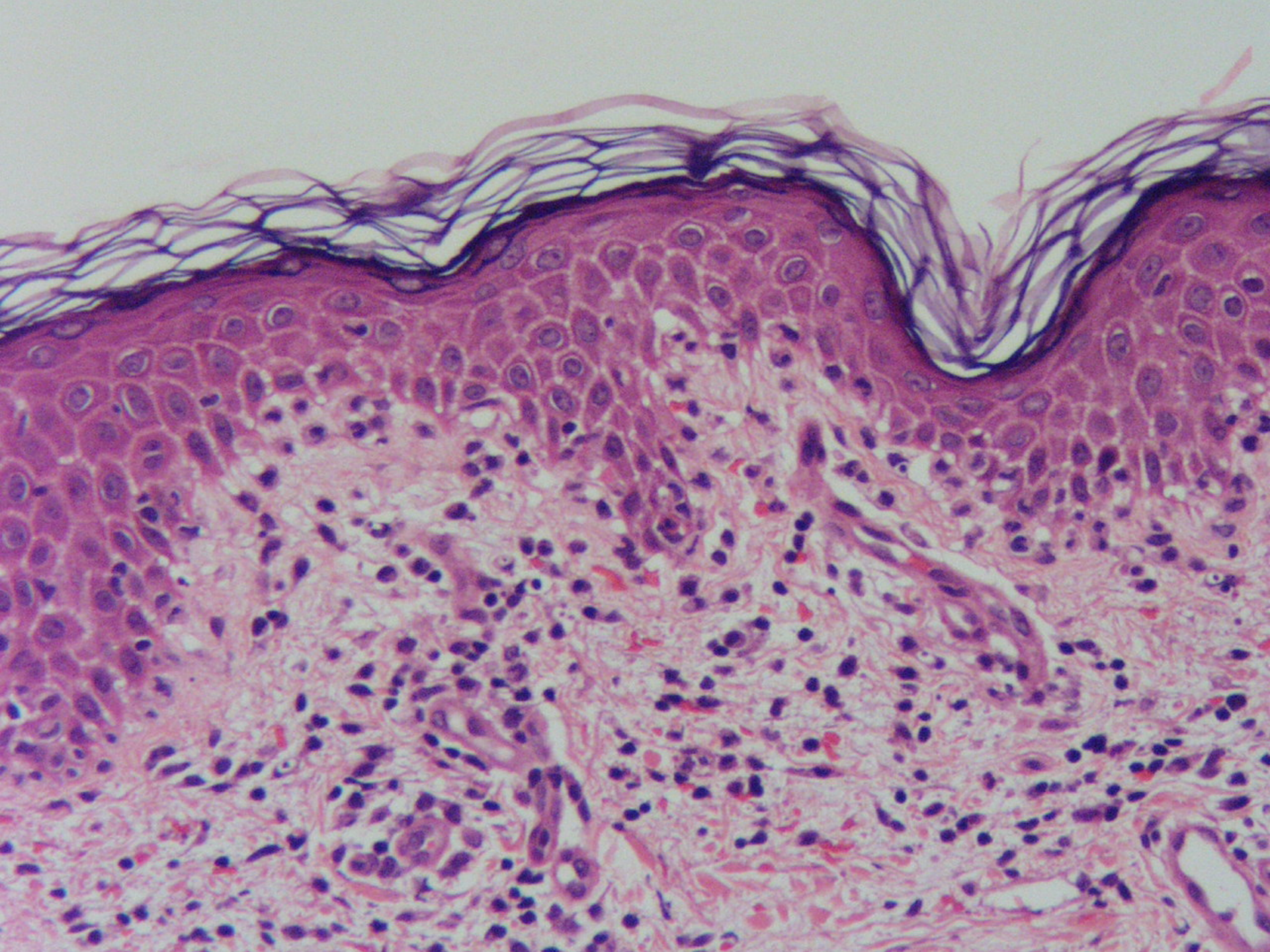
Ganglion Cyst

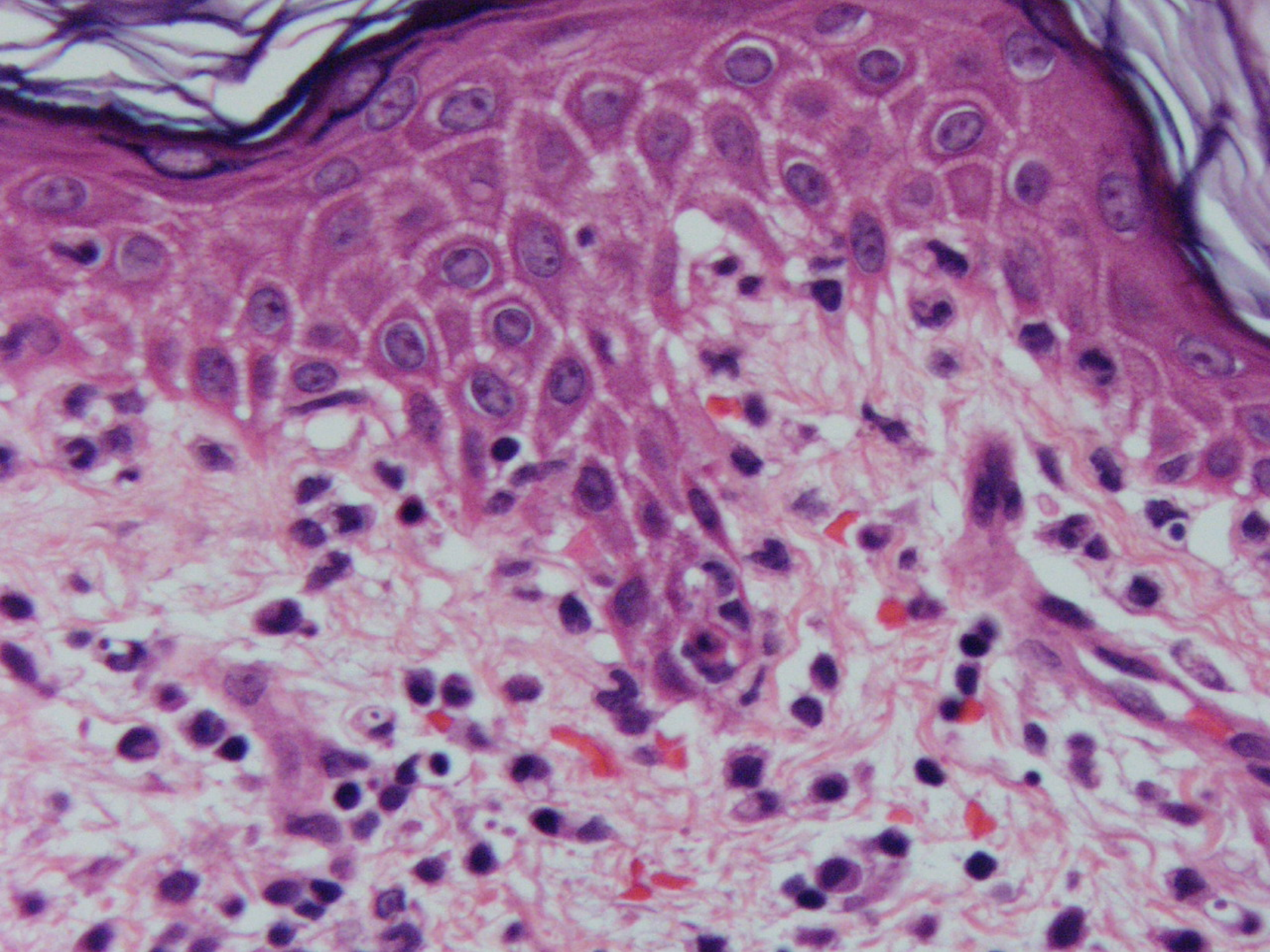
Histopathology

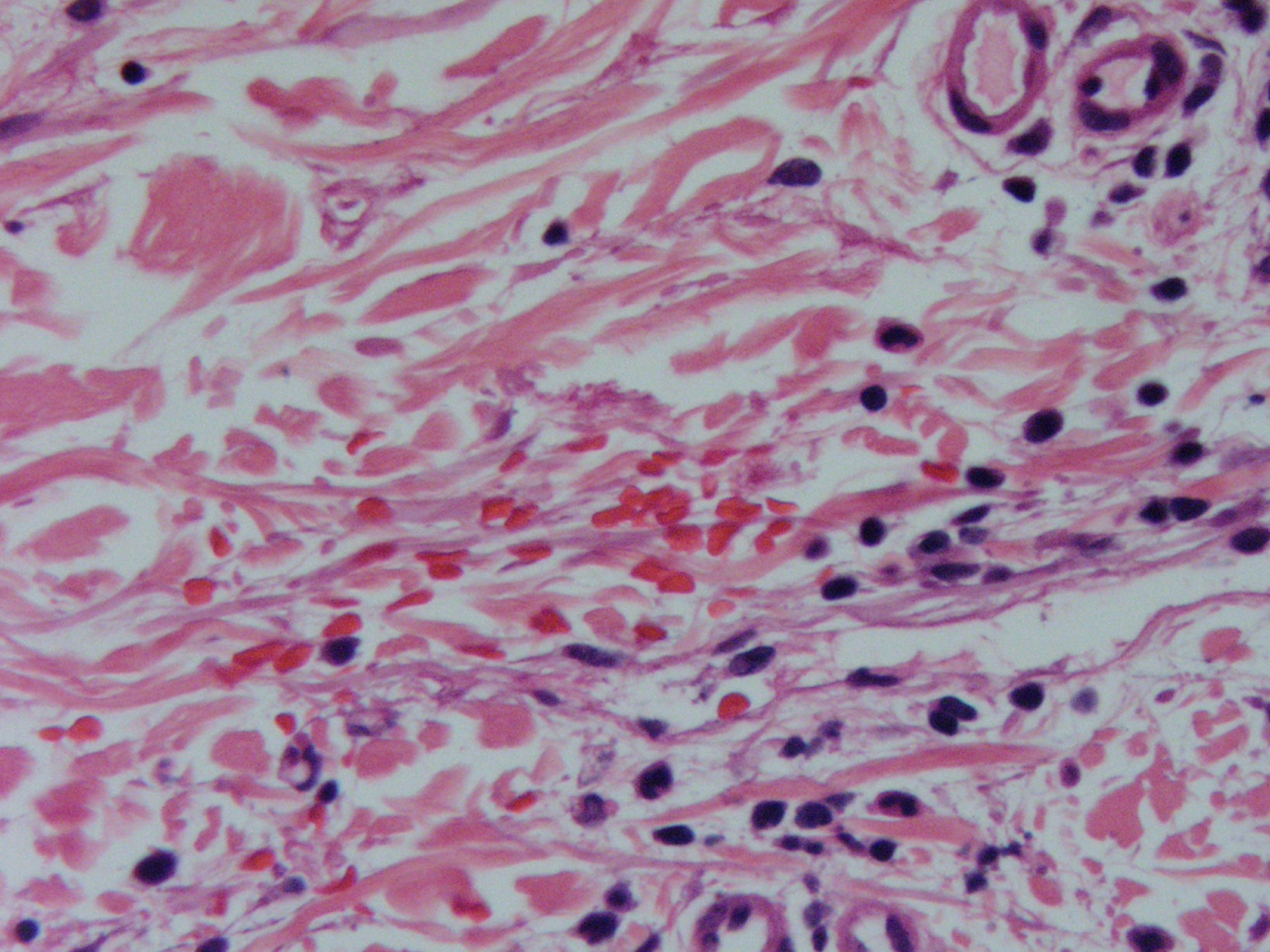


- Pseudocyst
- Dermal collection of mucin and muciphages
- Epidermal hyperplasia mimicking verruca
- Rule out nodular BCC







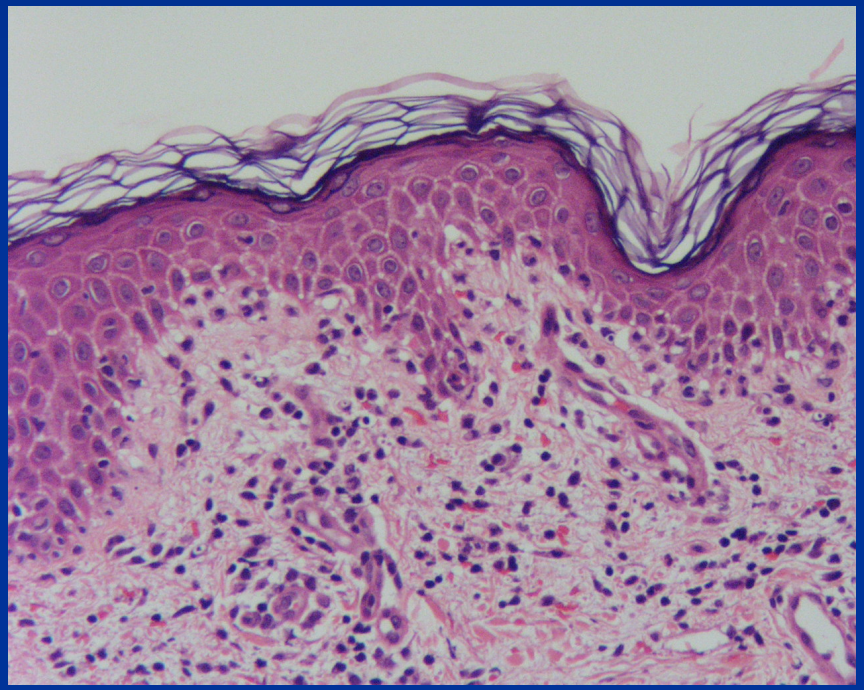


Questions

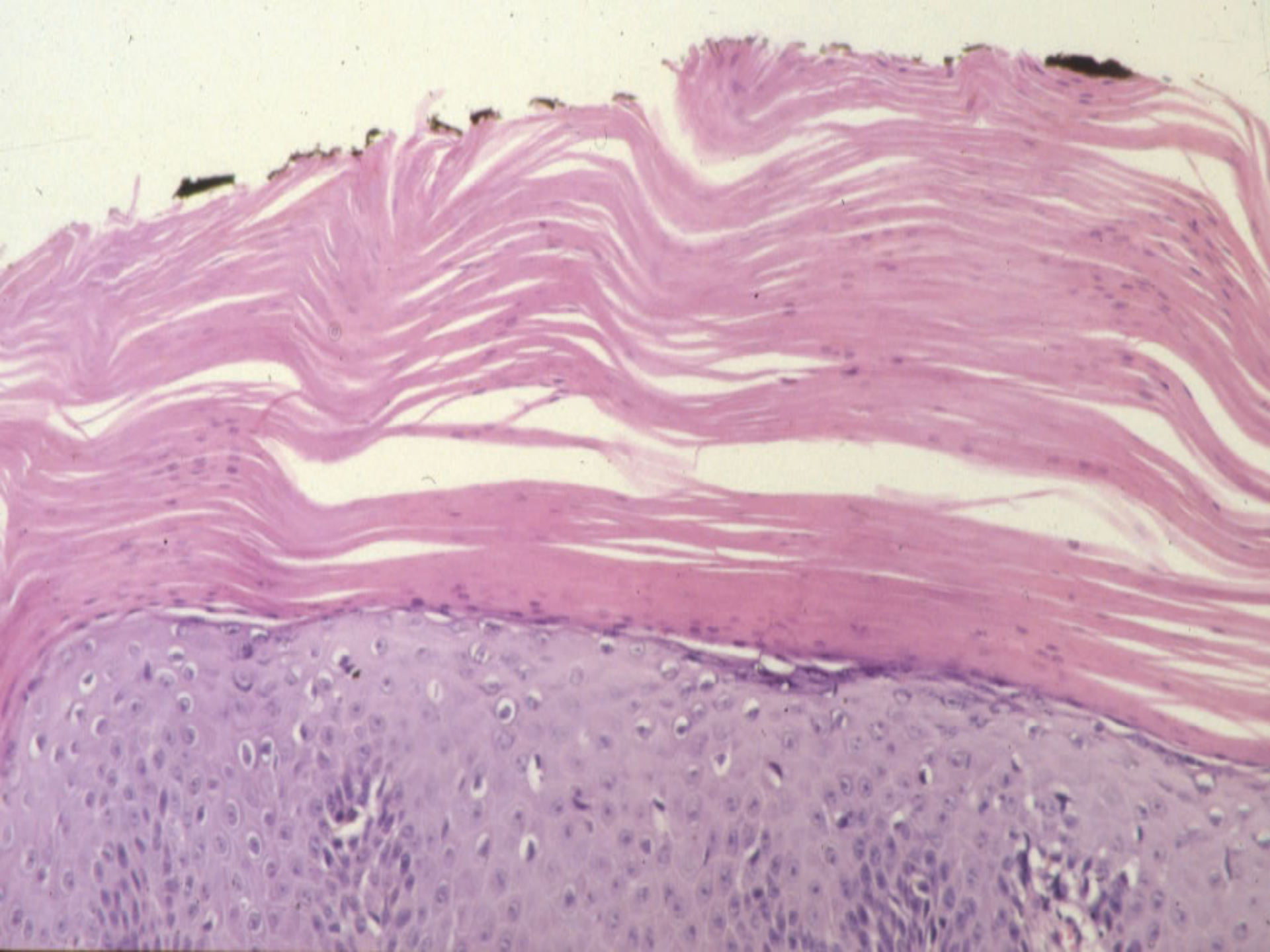
- How long has this patient had this lesion?
- Differential diagnosis?

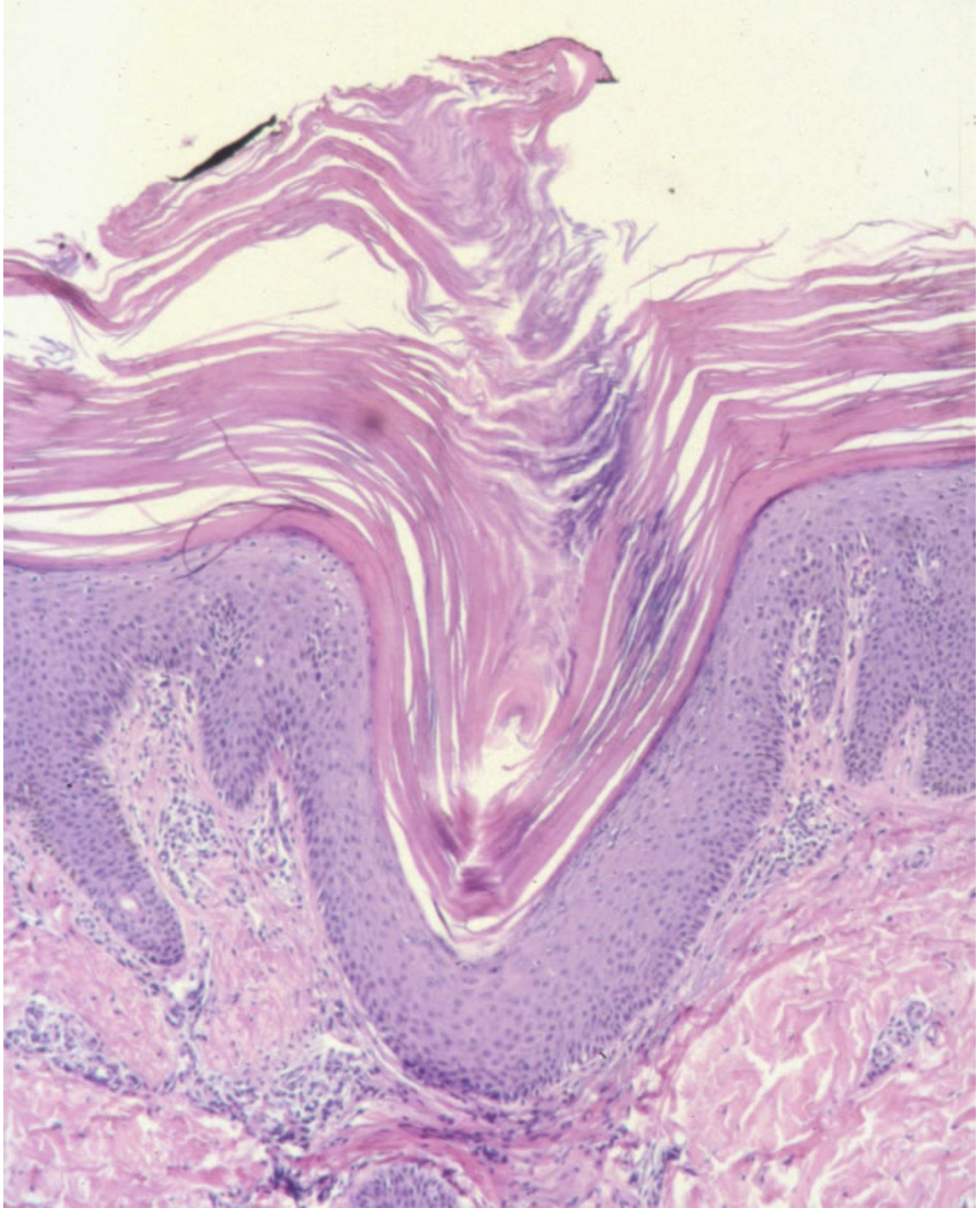
Fixed Drug Eruption

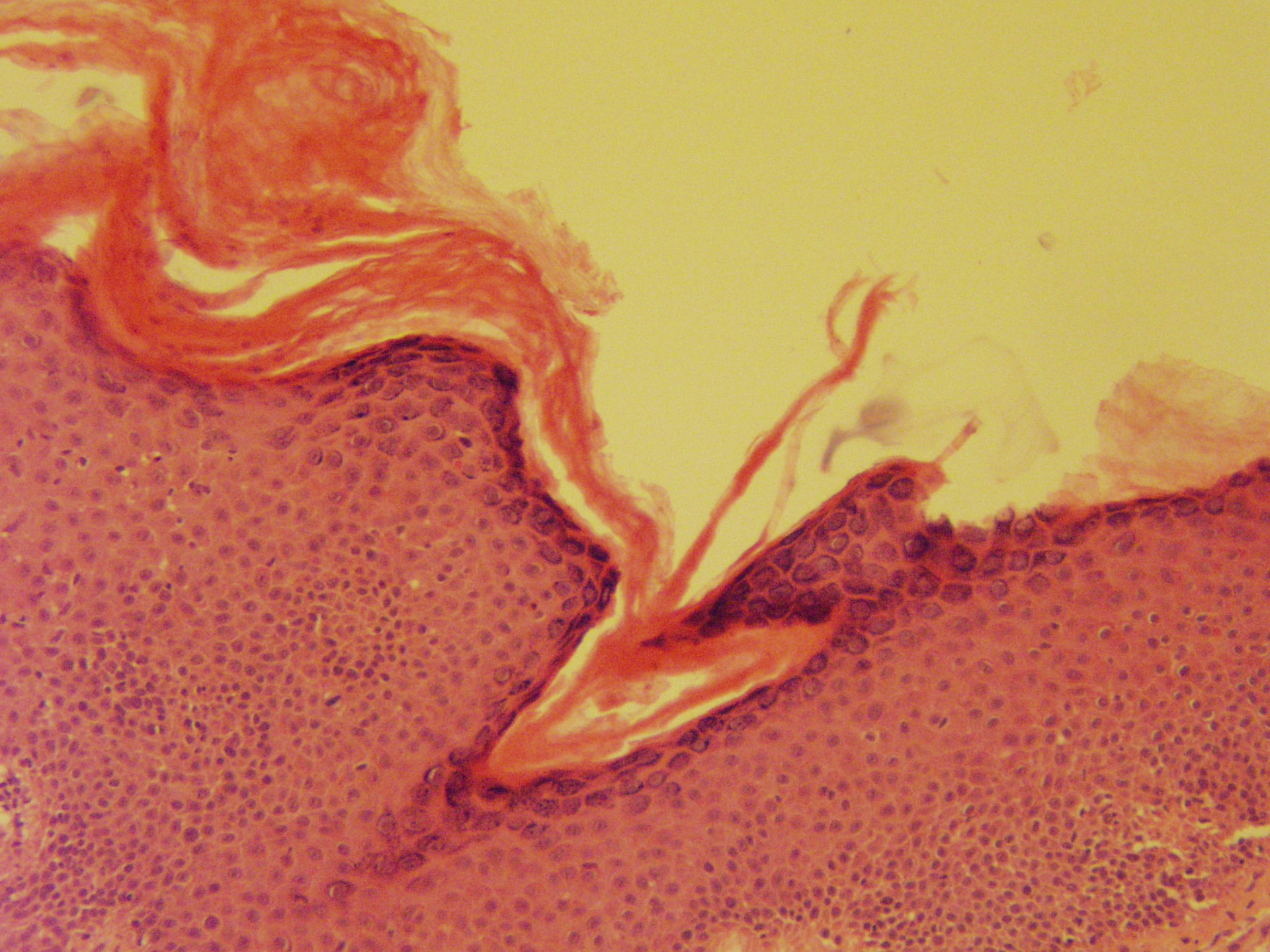
Histopathology

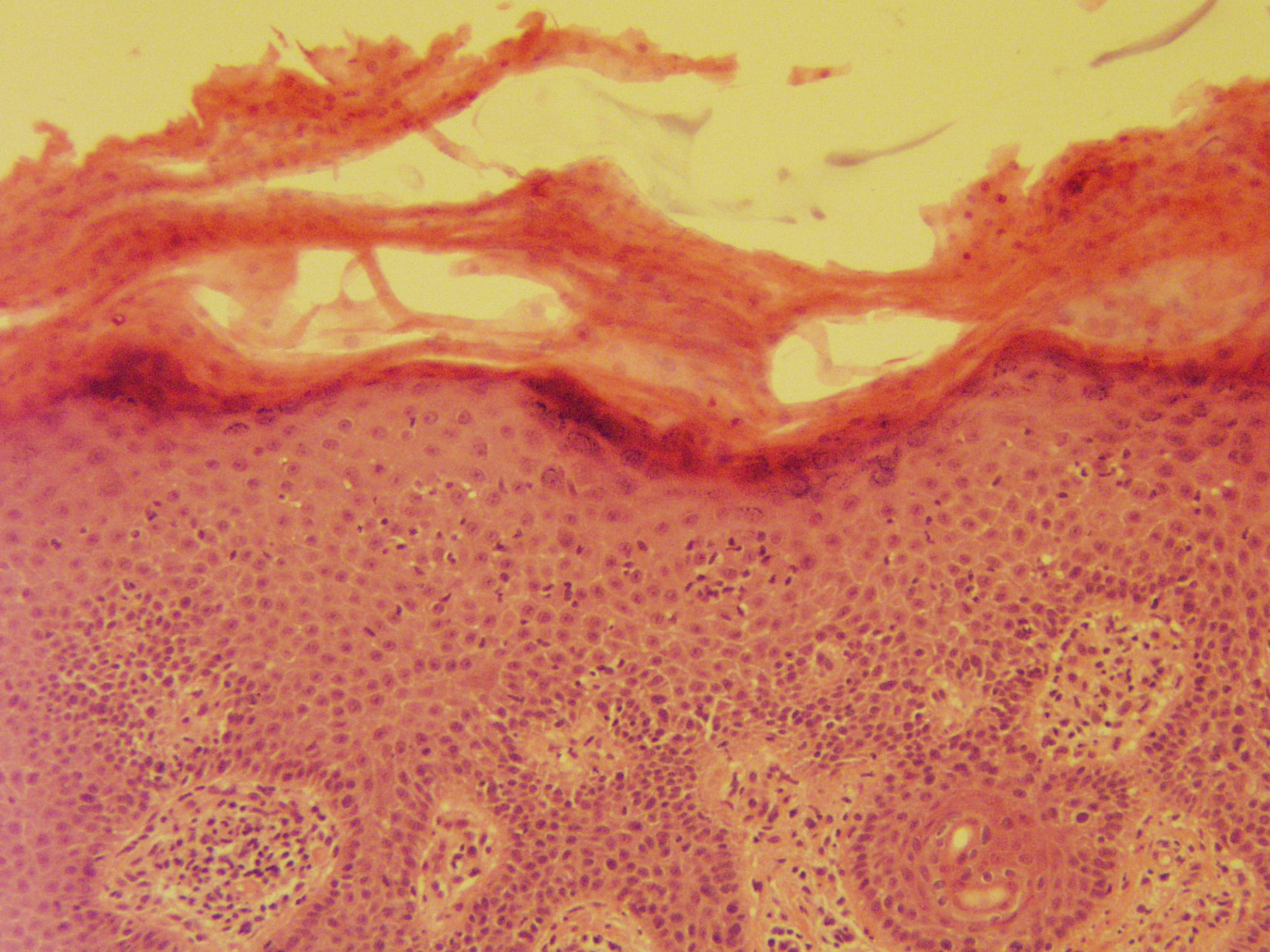


- Lichenoid interface dermatitis
- SPD
- Hemorrhage
- DDX includes viral exanthem, erythema multiforme





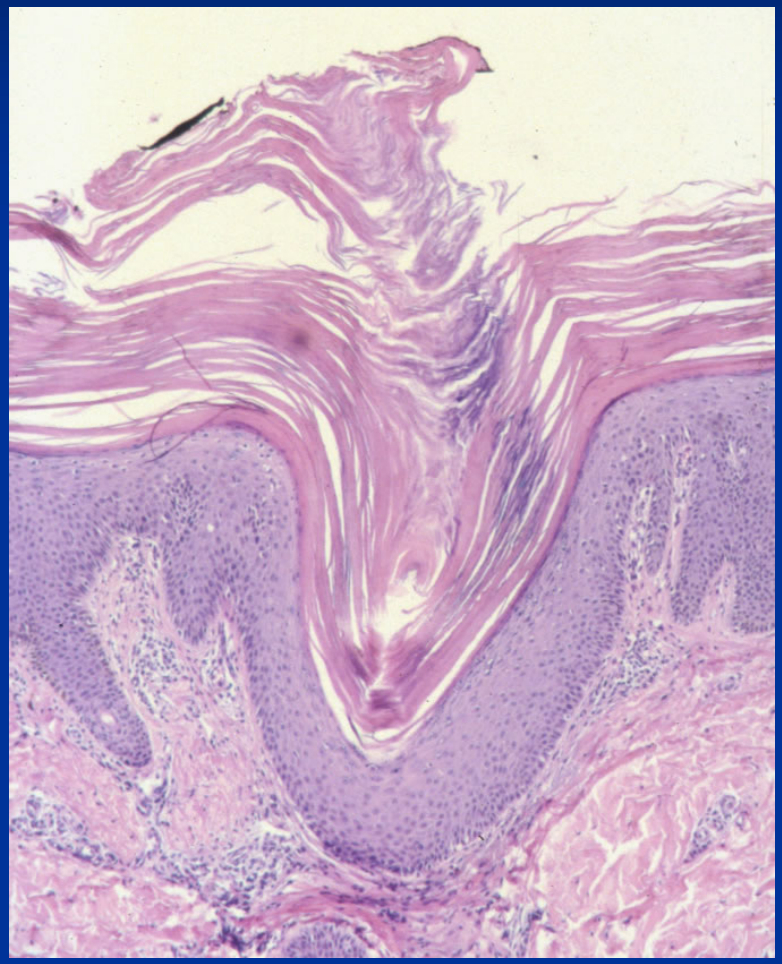




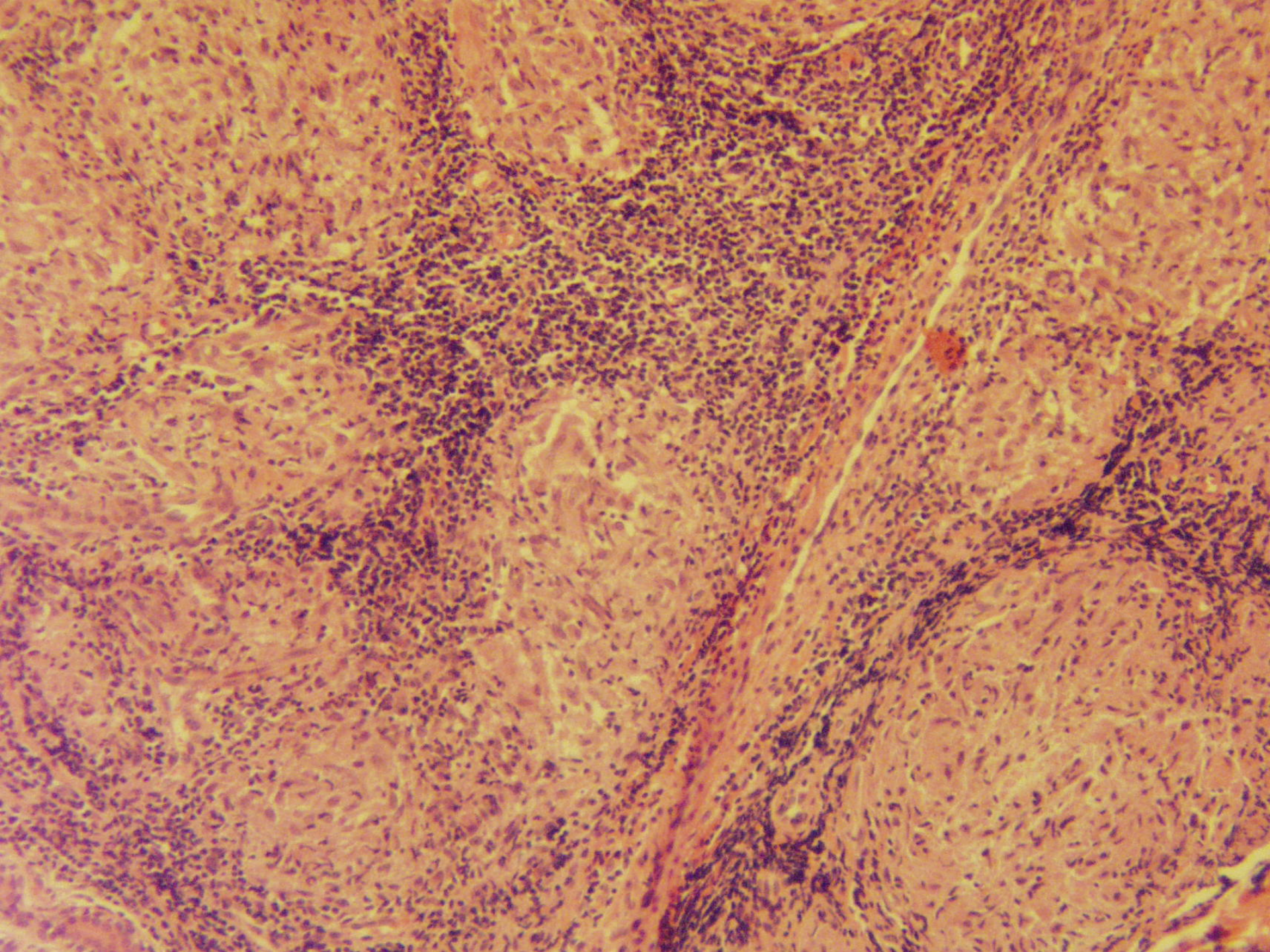
Differential diagnosis?

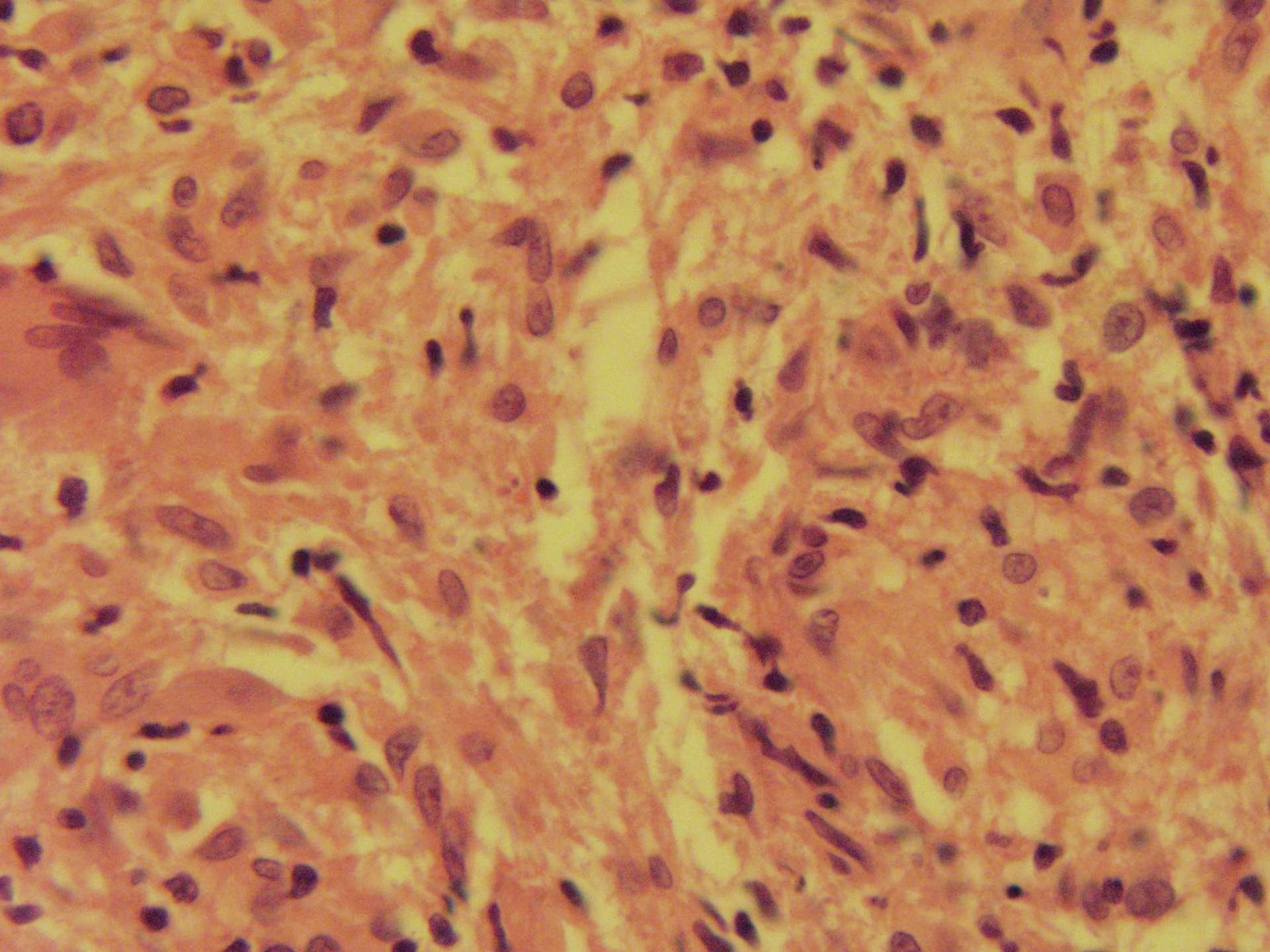
Pityriasis Rubra Pilaris

Histopathology



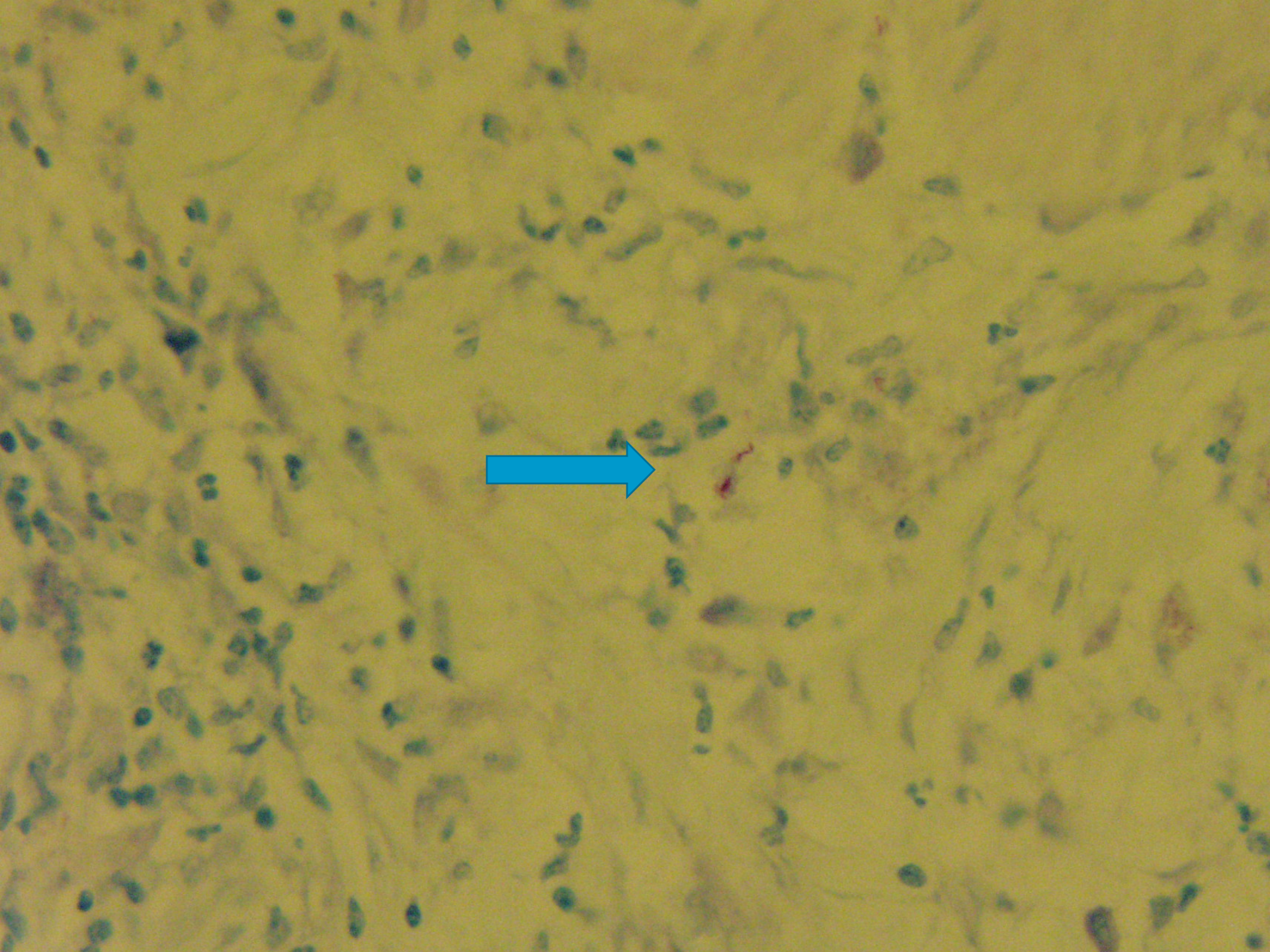
- Psoriasiform dermatitis
- Alternating OK/PK in horizontal/vertical
- Follicular plugging
- Rarely acantholysis
- DDX: ILVEN, dermatophyte





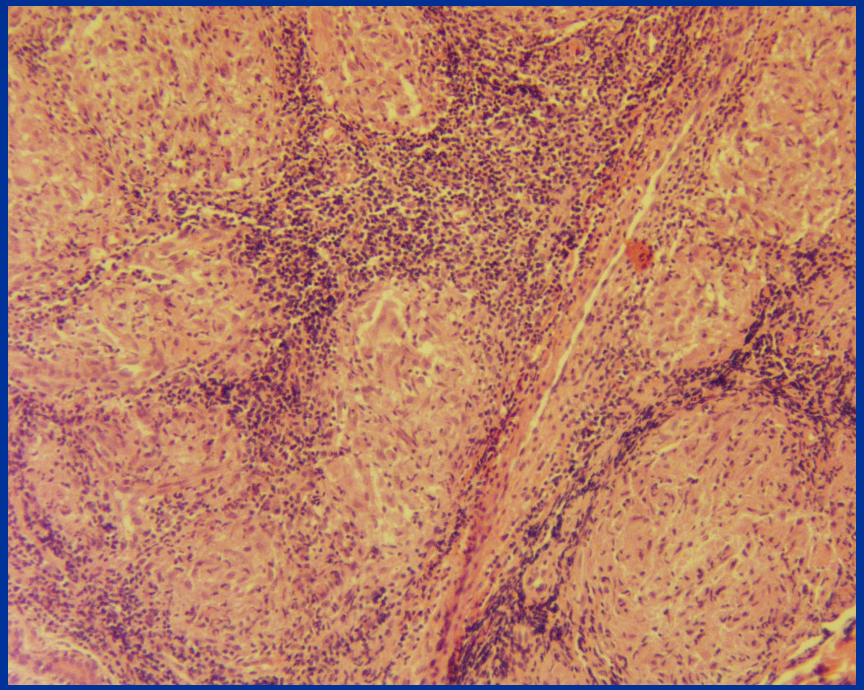
Questions

- Differential Diagnosis?
- What additional special stains/IHC would be helpful?

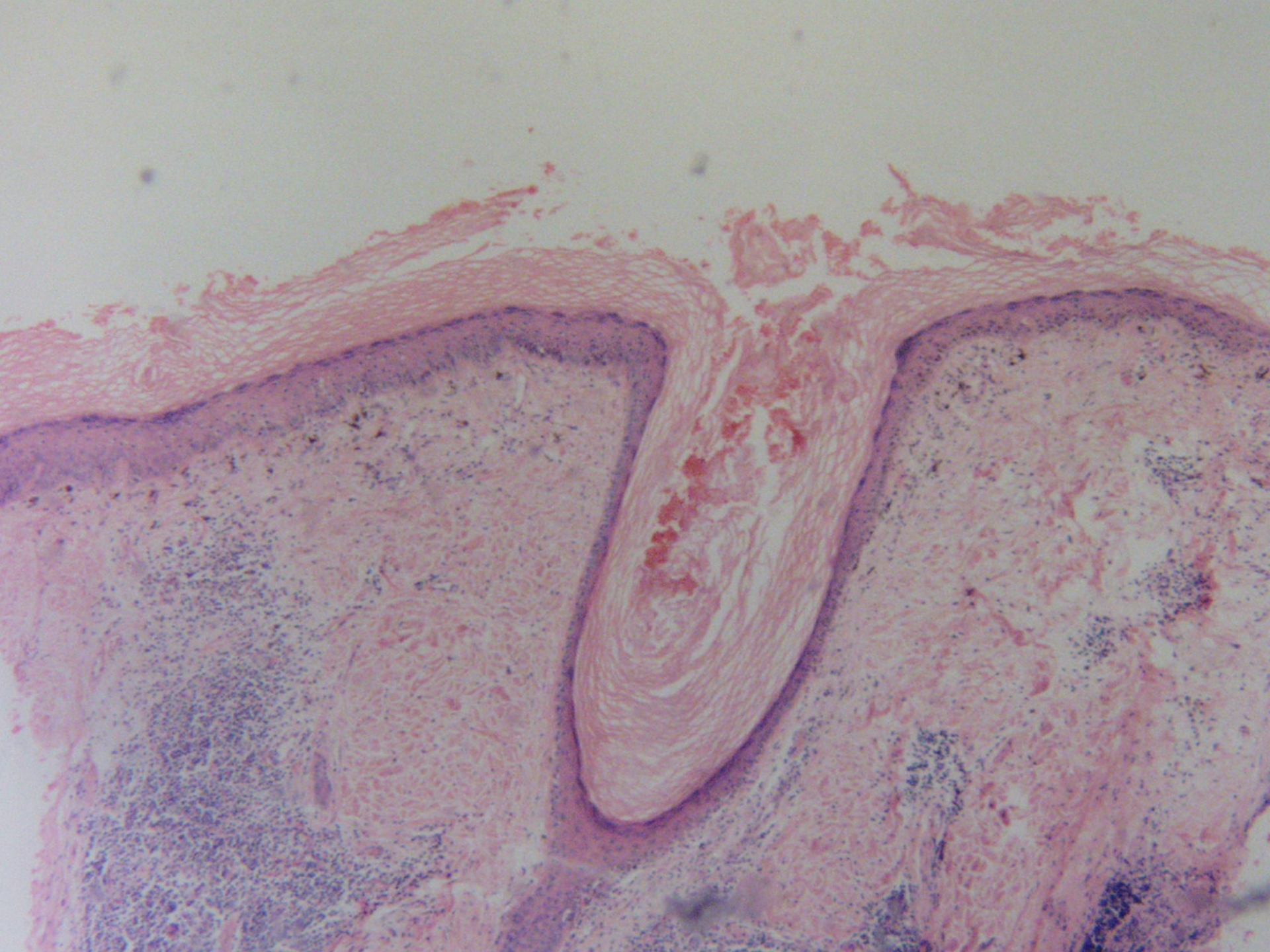


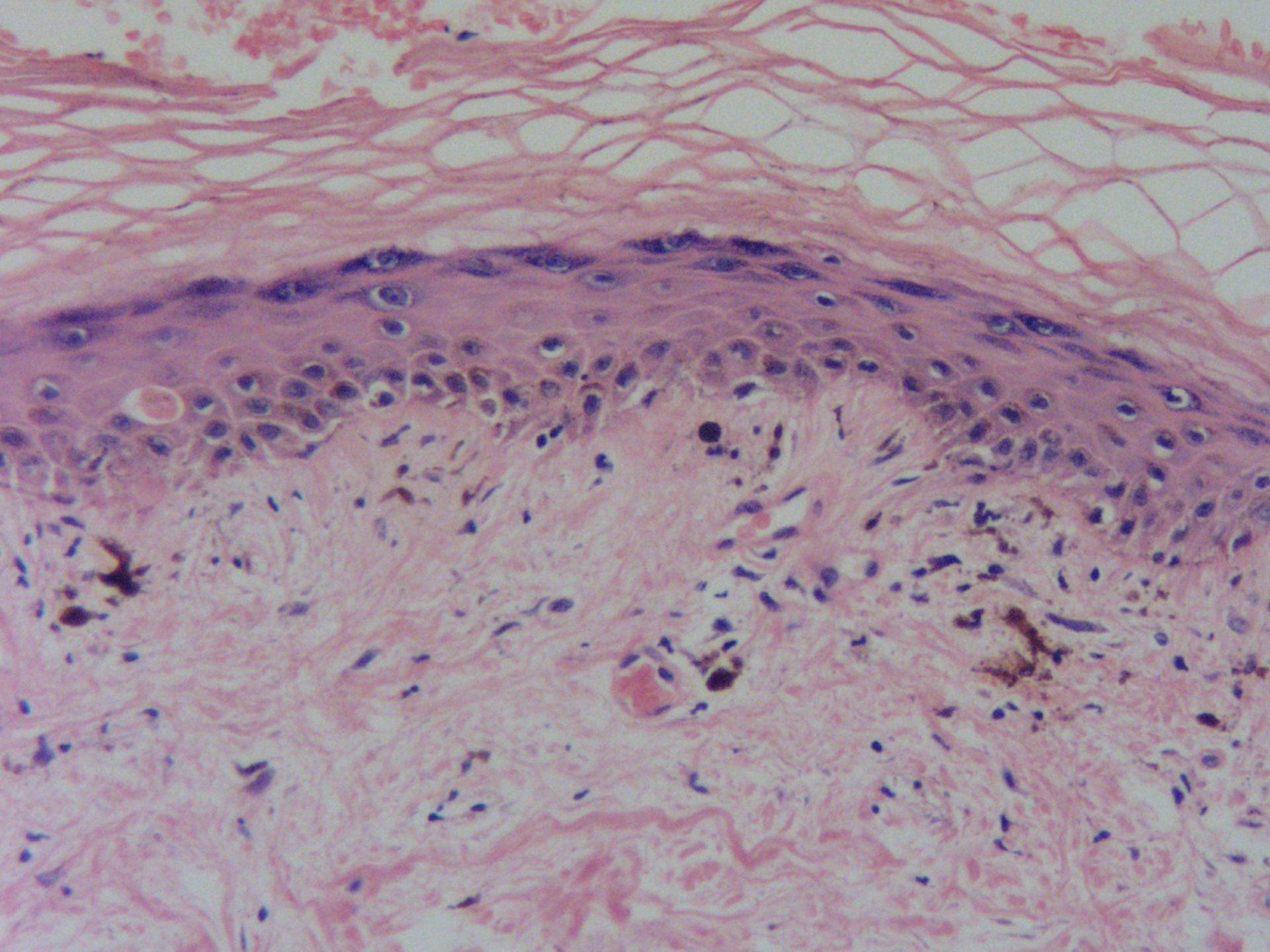
Lepromatous Leprosy

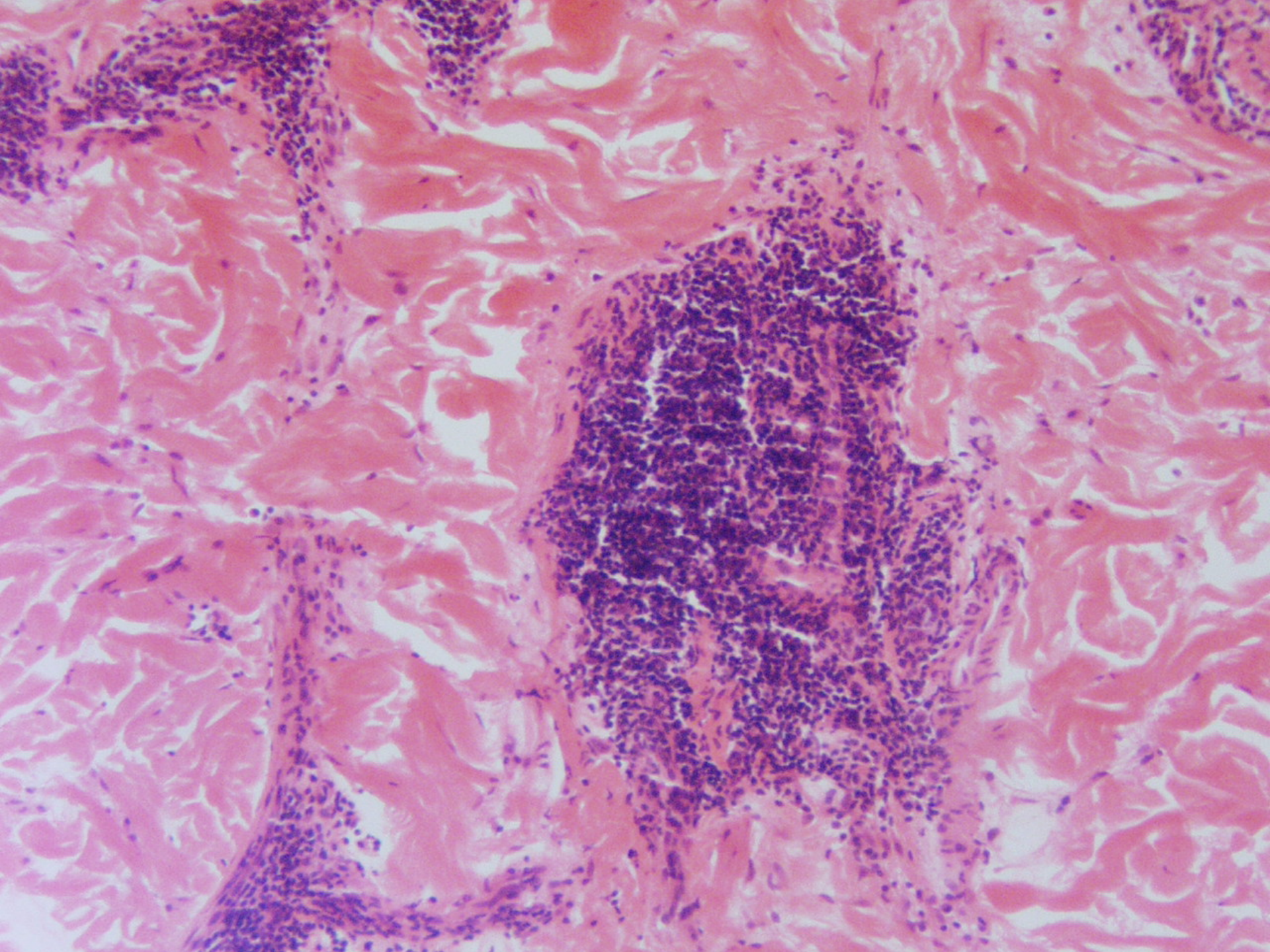
Histopathology

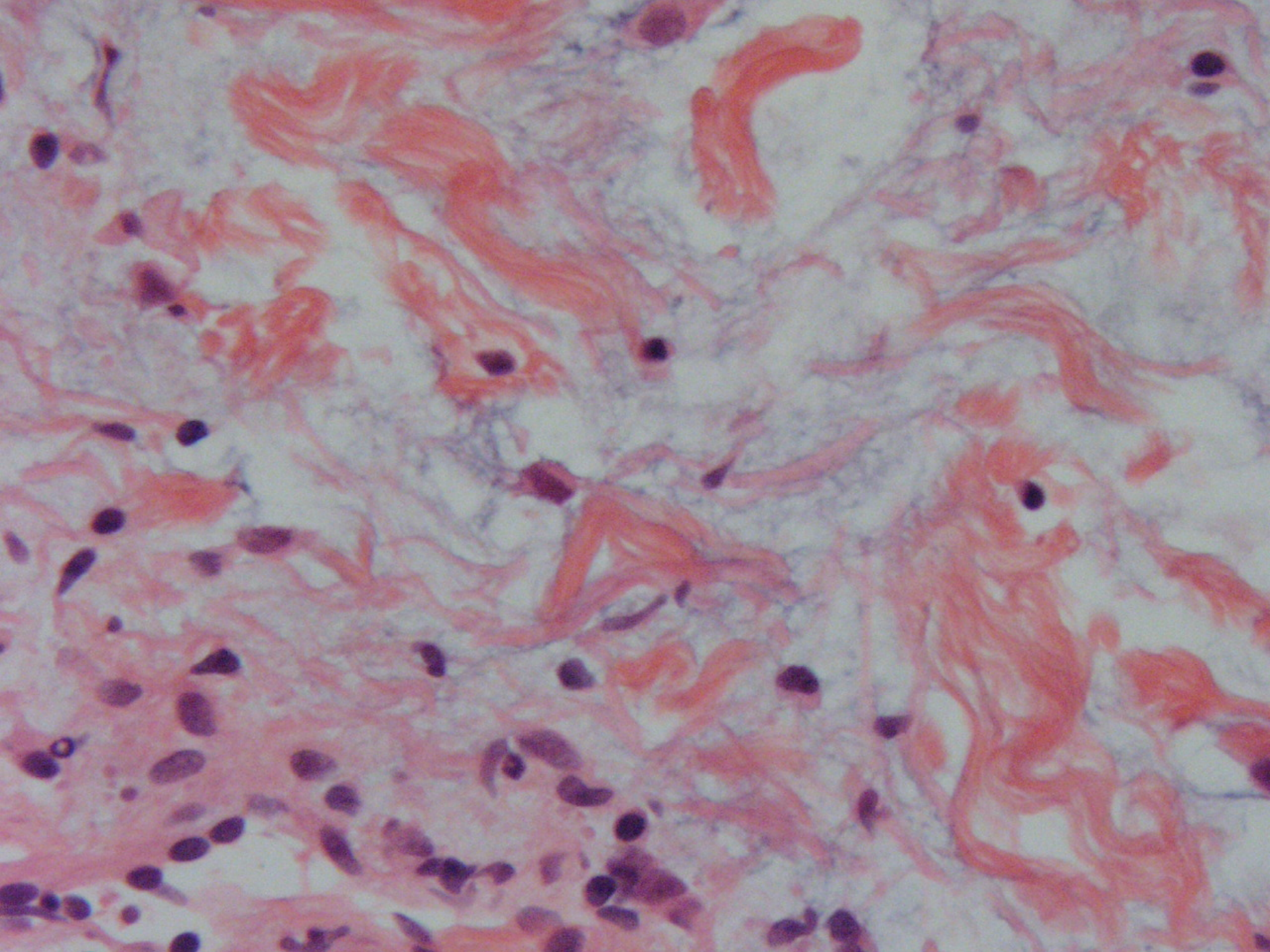


- Dependent upon immune status
- Non-caseating sarcoidal type granulomas
- Scant chronic inflammatory infiltrate
- Foamy histiocytes
- Fite vs. AF







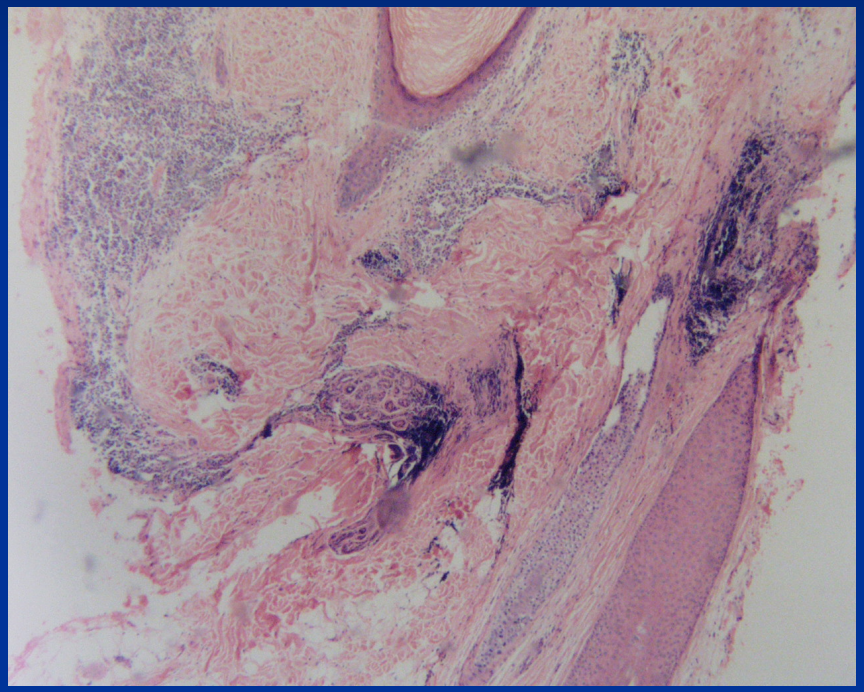


Questions

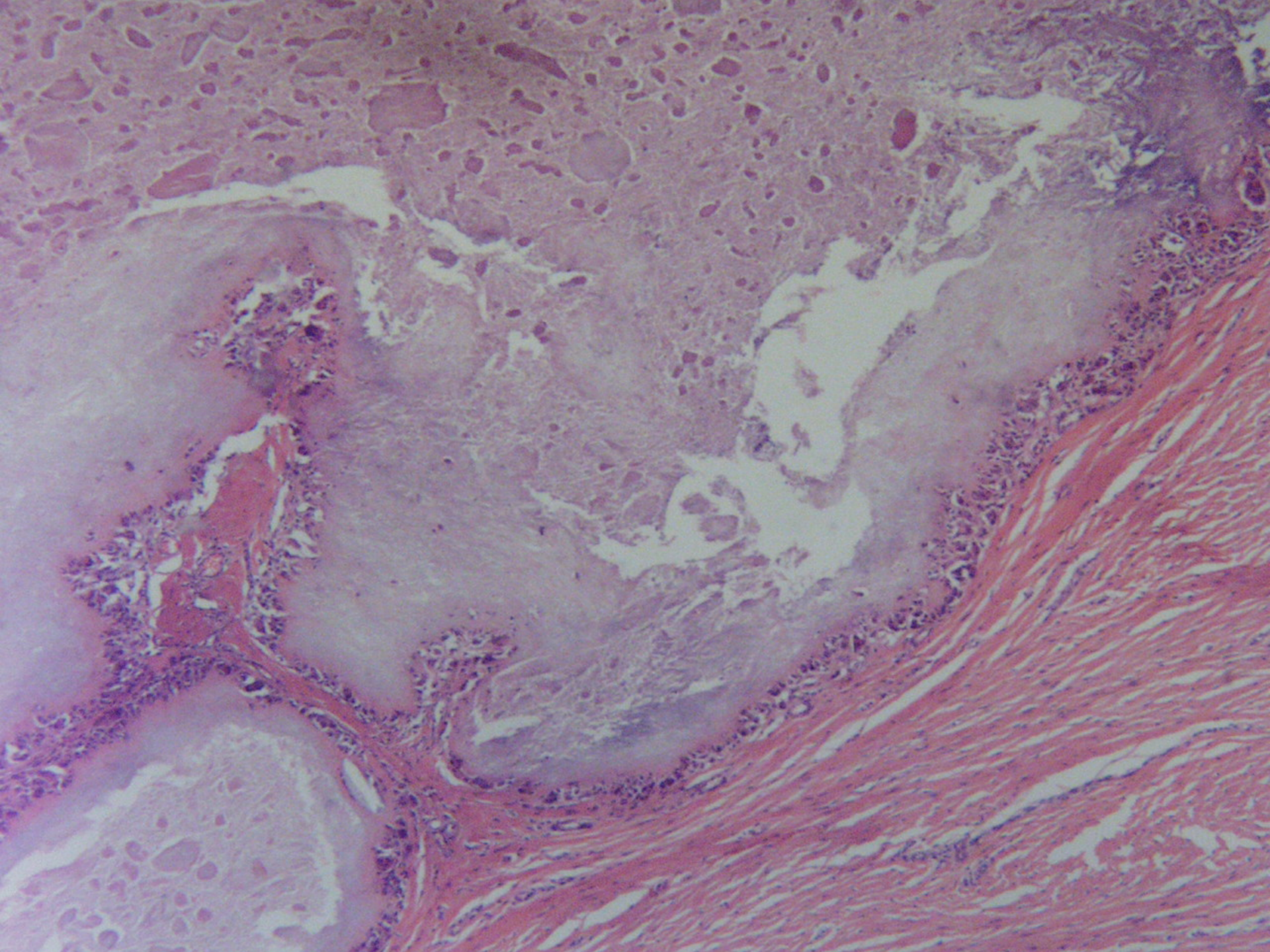
- Name three helpful stains for mucin
- Differential diagnosis?
- Additional helpful tests?

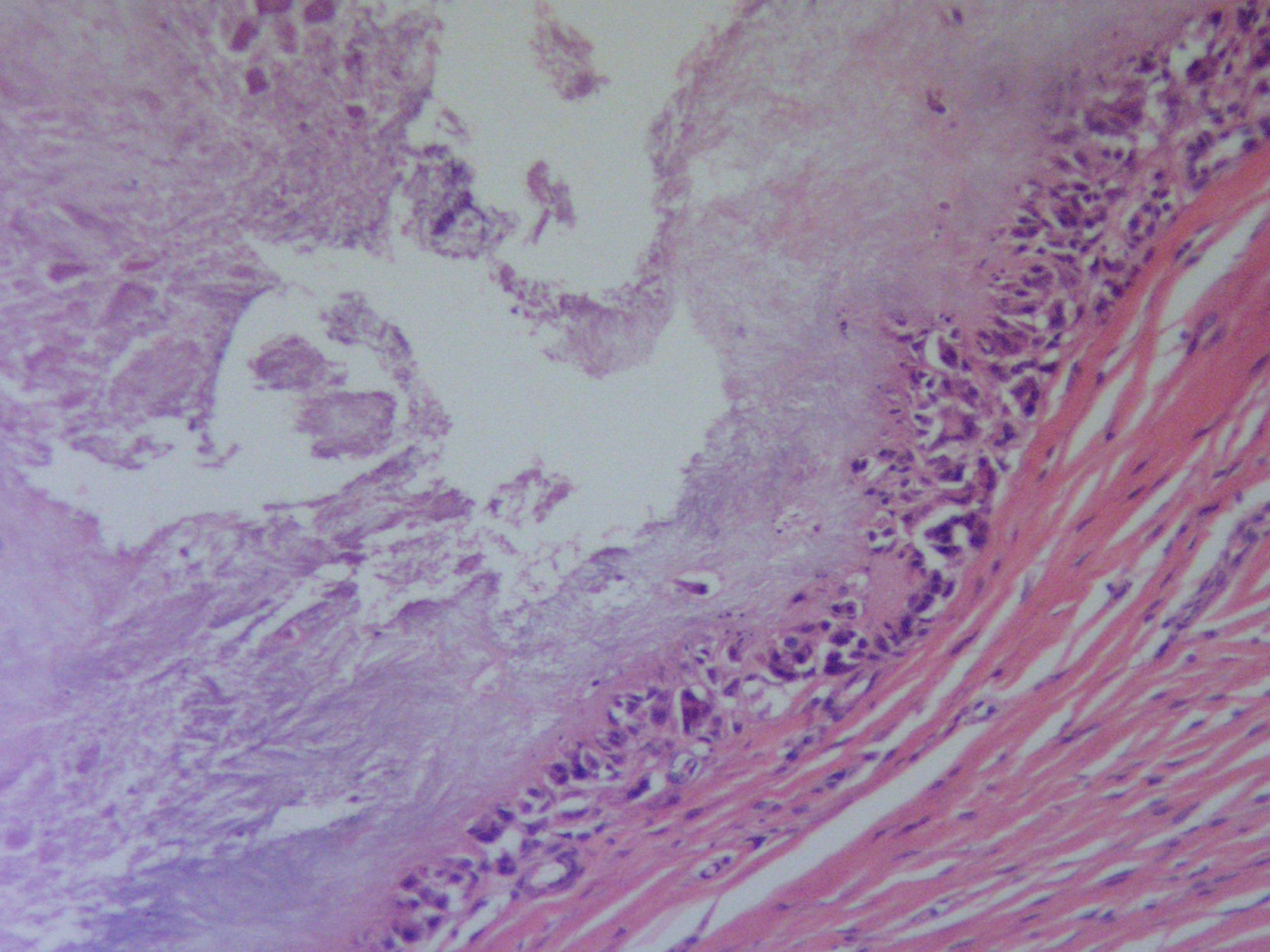
Discoid Lupus Erythematosus

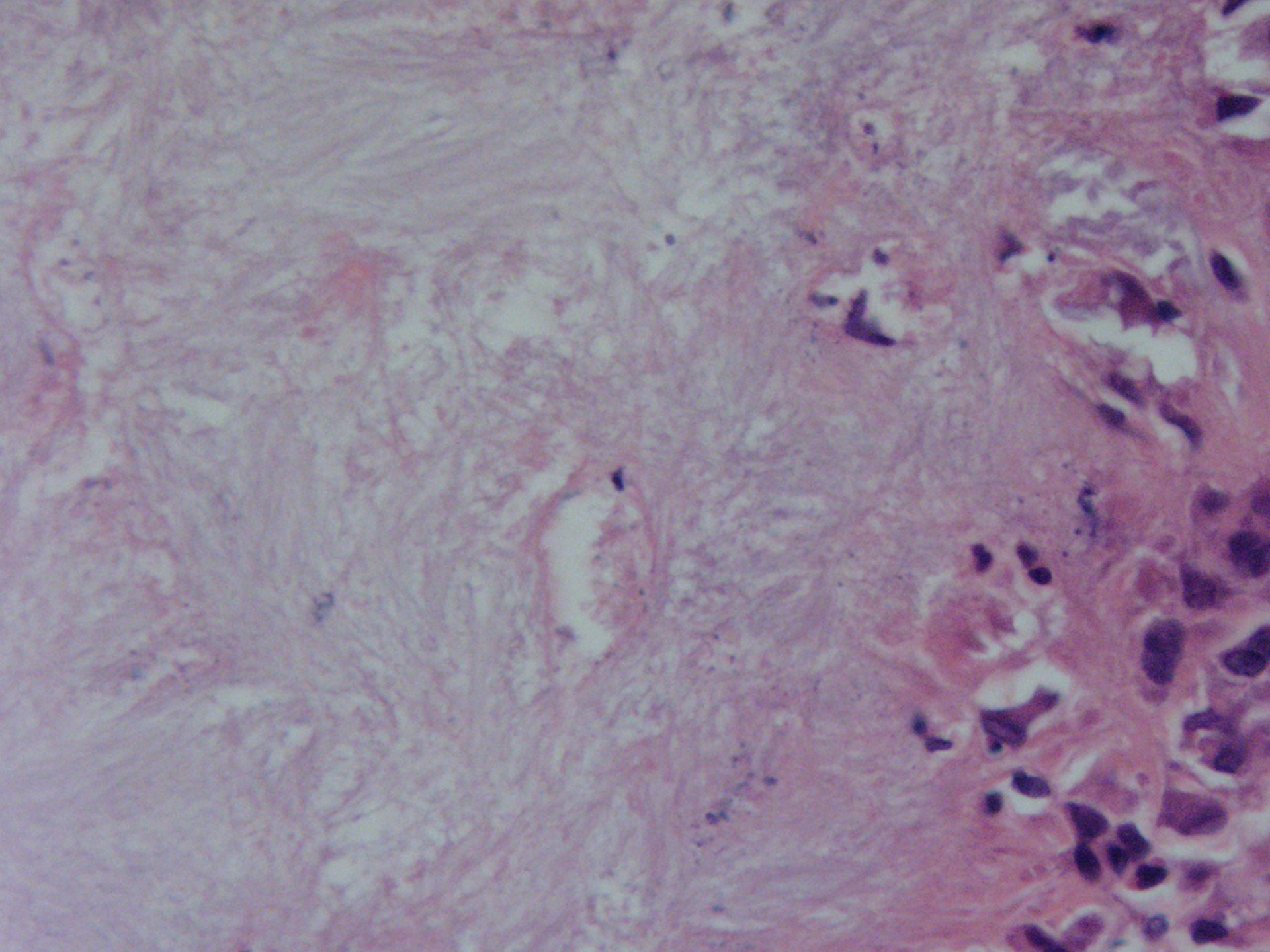
Histopathology



- Follicular plugging
- Epidermal atrophy
- Interface dermatitis
- SDPV
- Dermal mucinosis





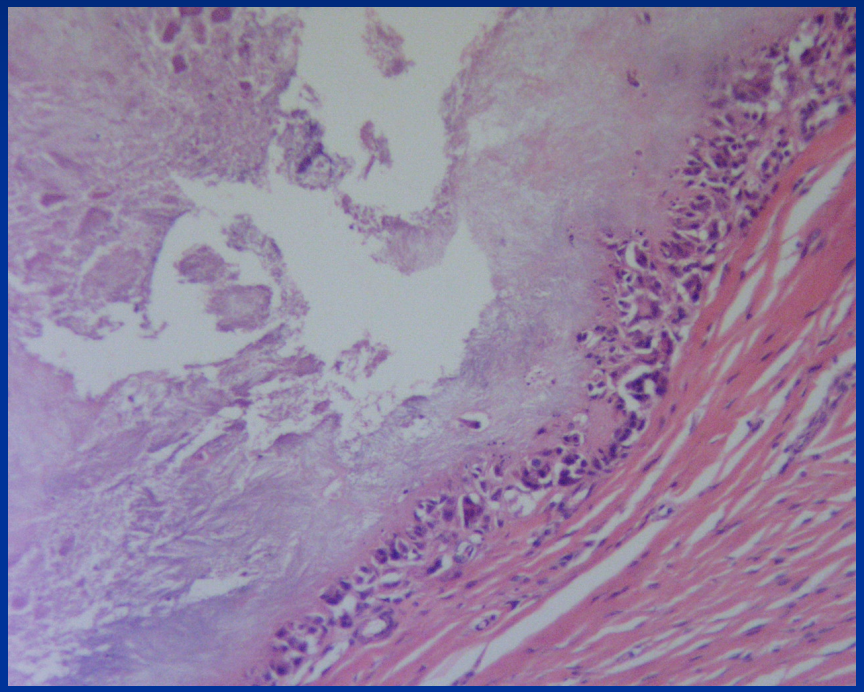


Questions

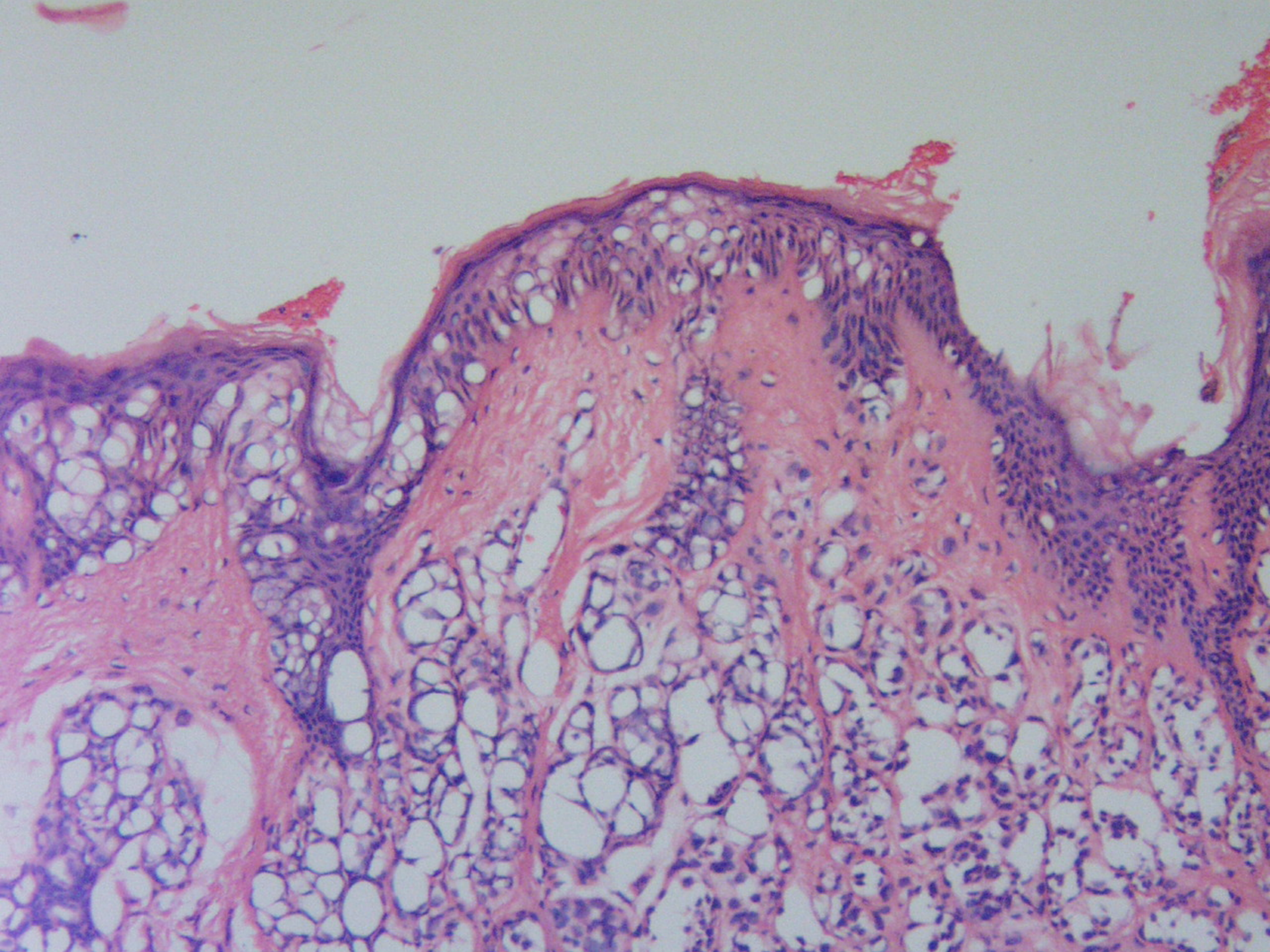
- What additional stains would be helpful to identify this deposit?
- How would polarized light examination be helpful?

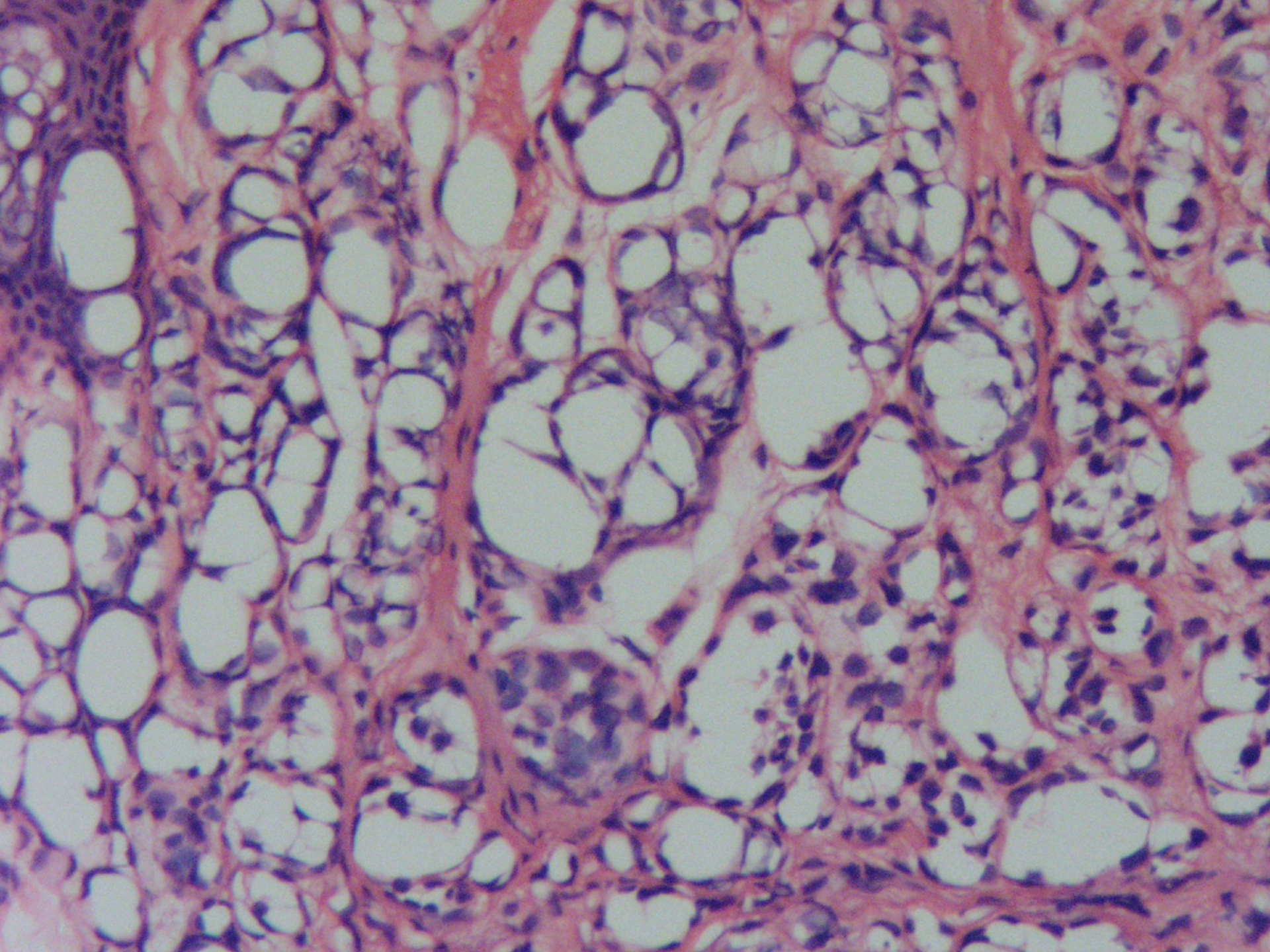
Gouty Tophus

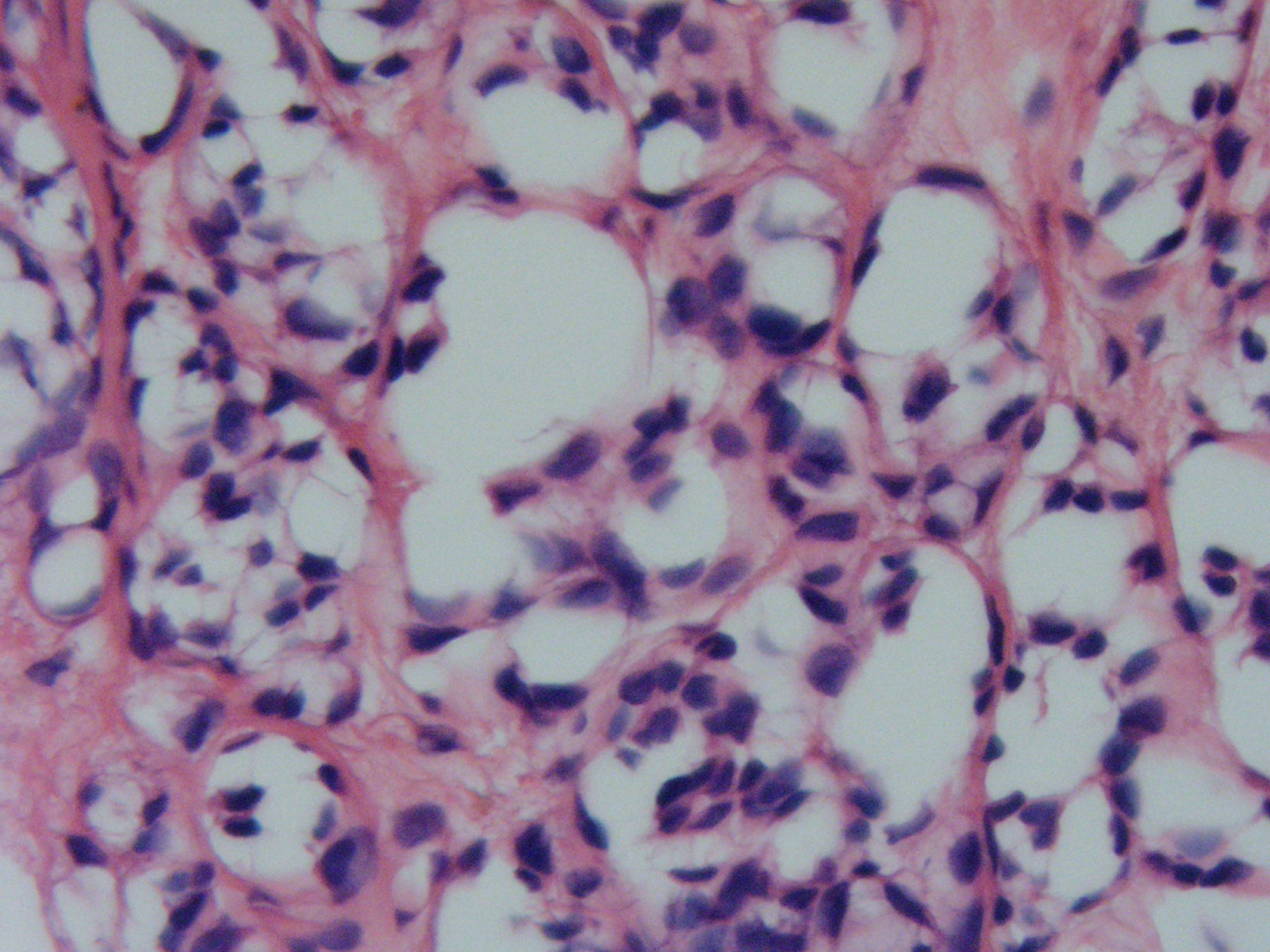
Histopathology

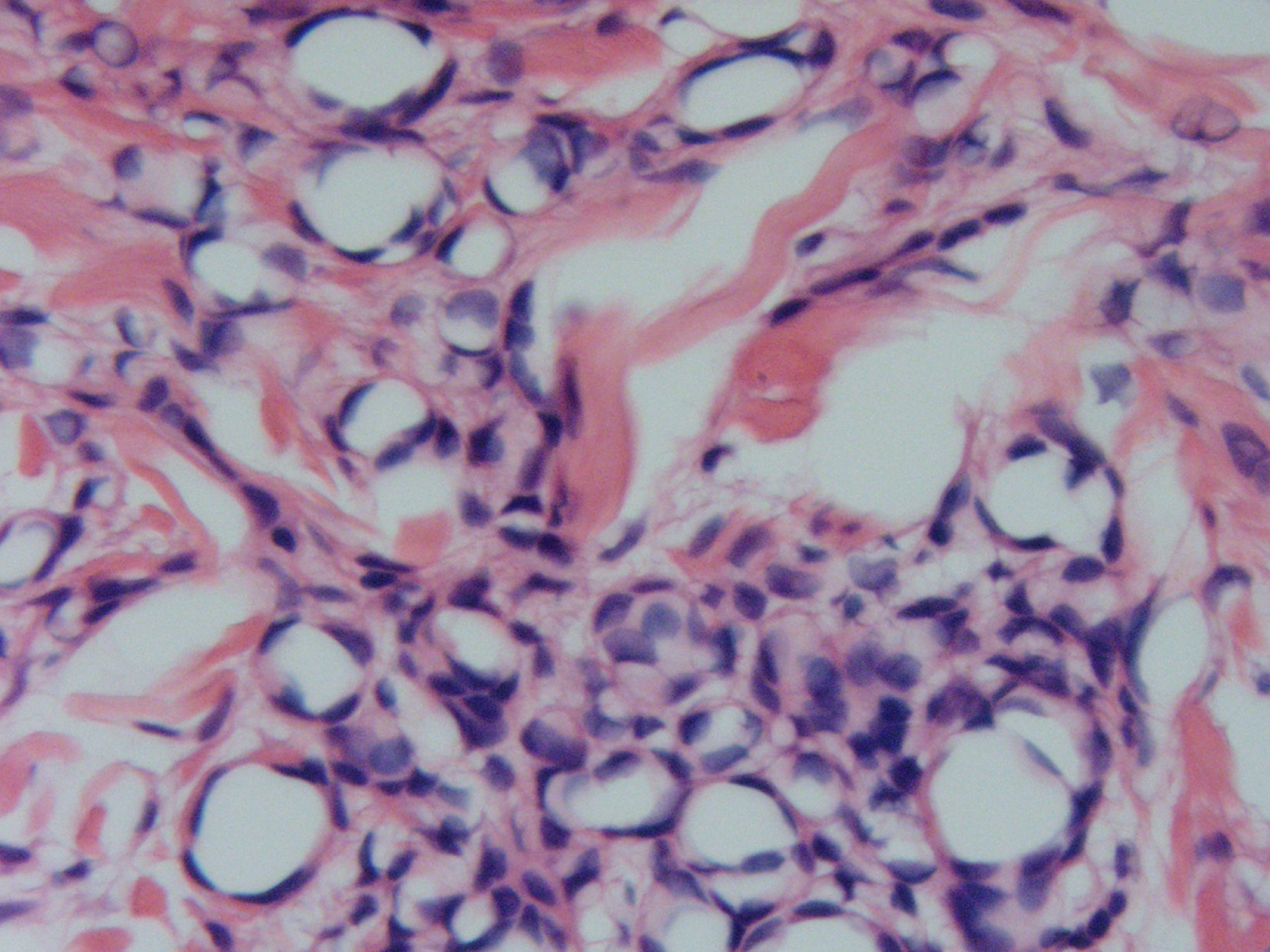


- Palisading granulomas with giant cells
- Amorphous amphophilic crystals
- Calcifications
- DDX: Pseudogout



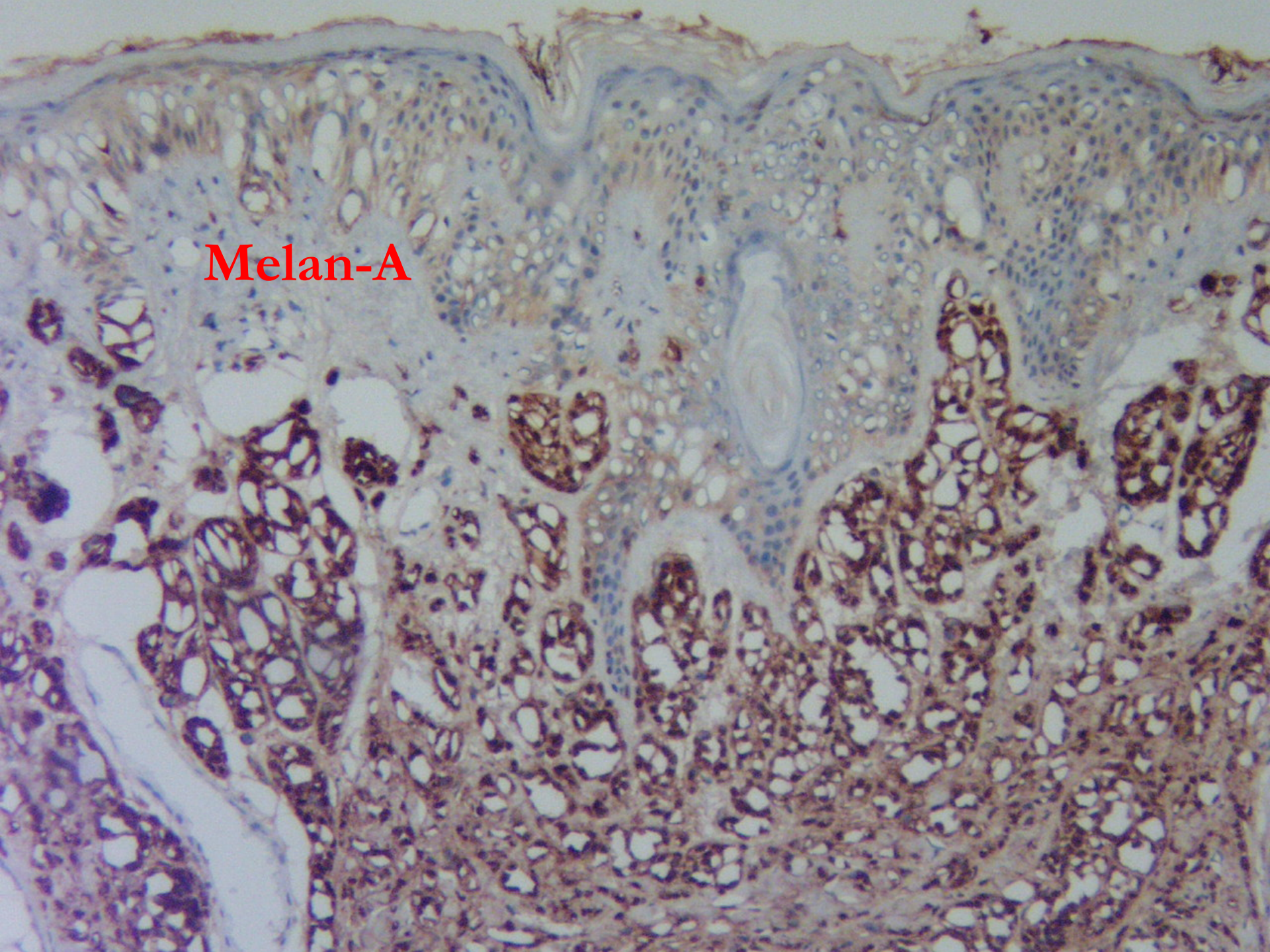






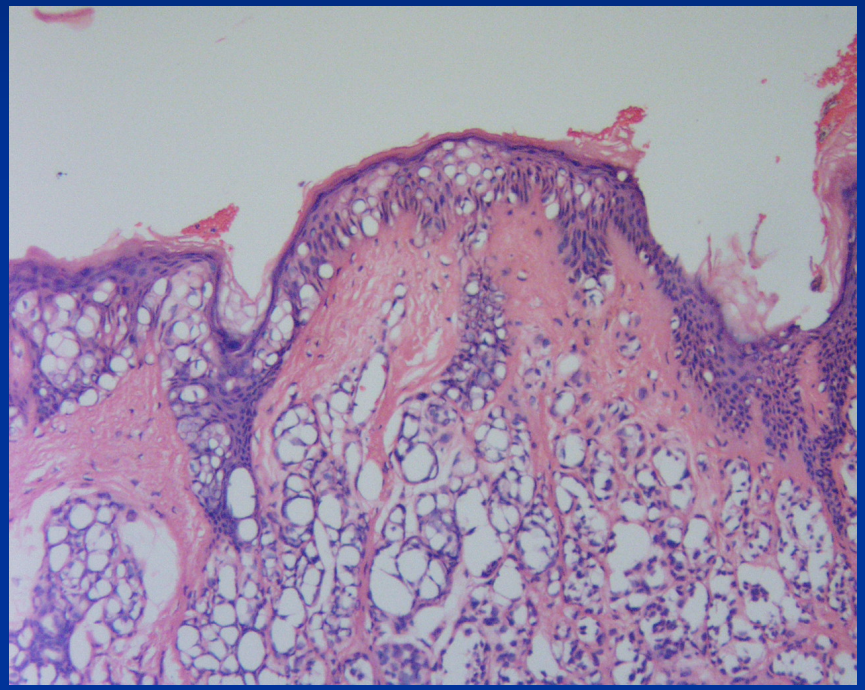
Questions

- Differential diagnosis?
- What additional stains/IHC would be helpful?

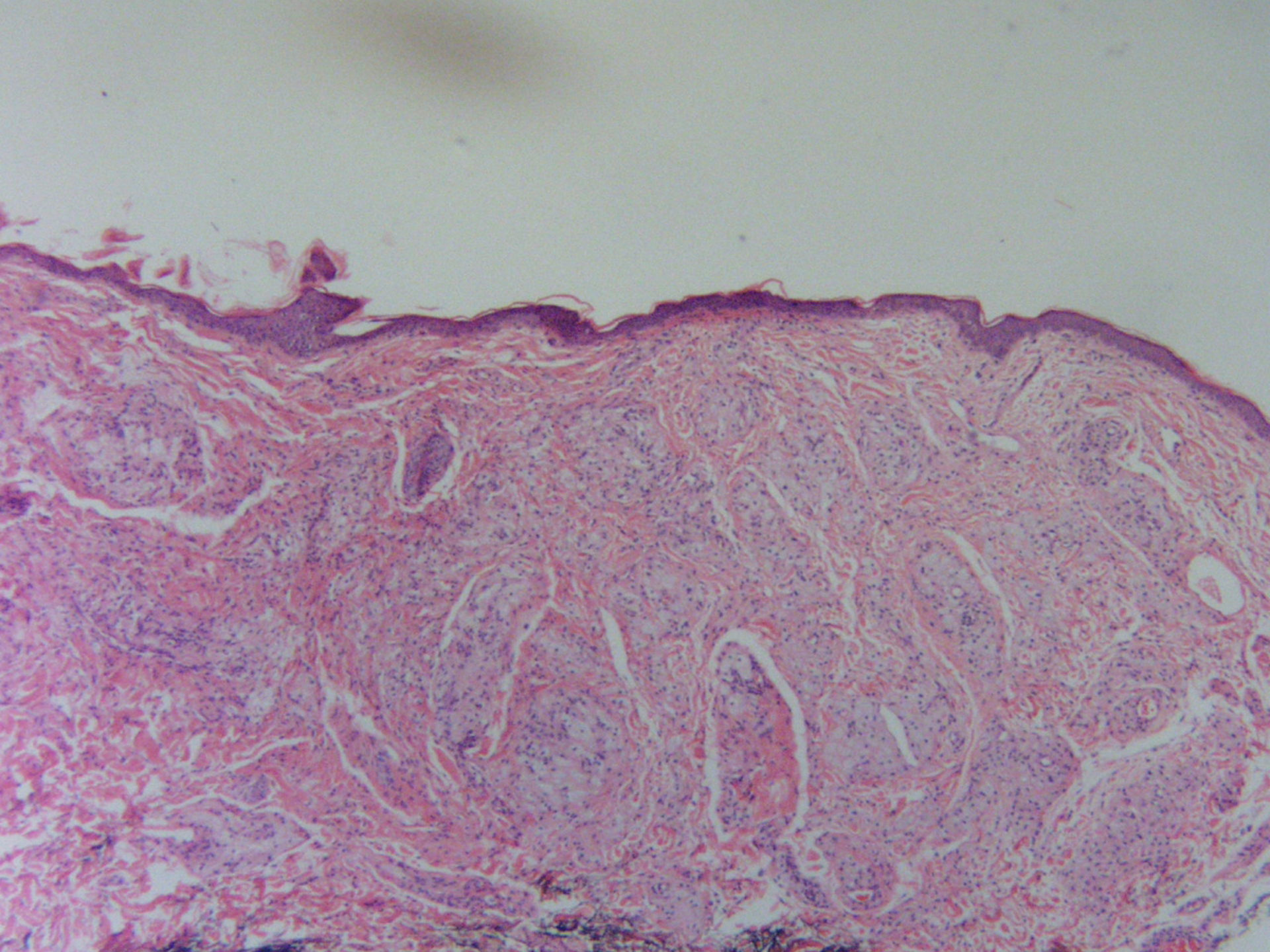

Melan-A

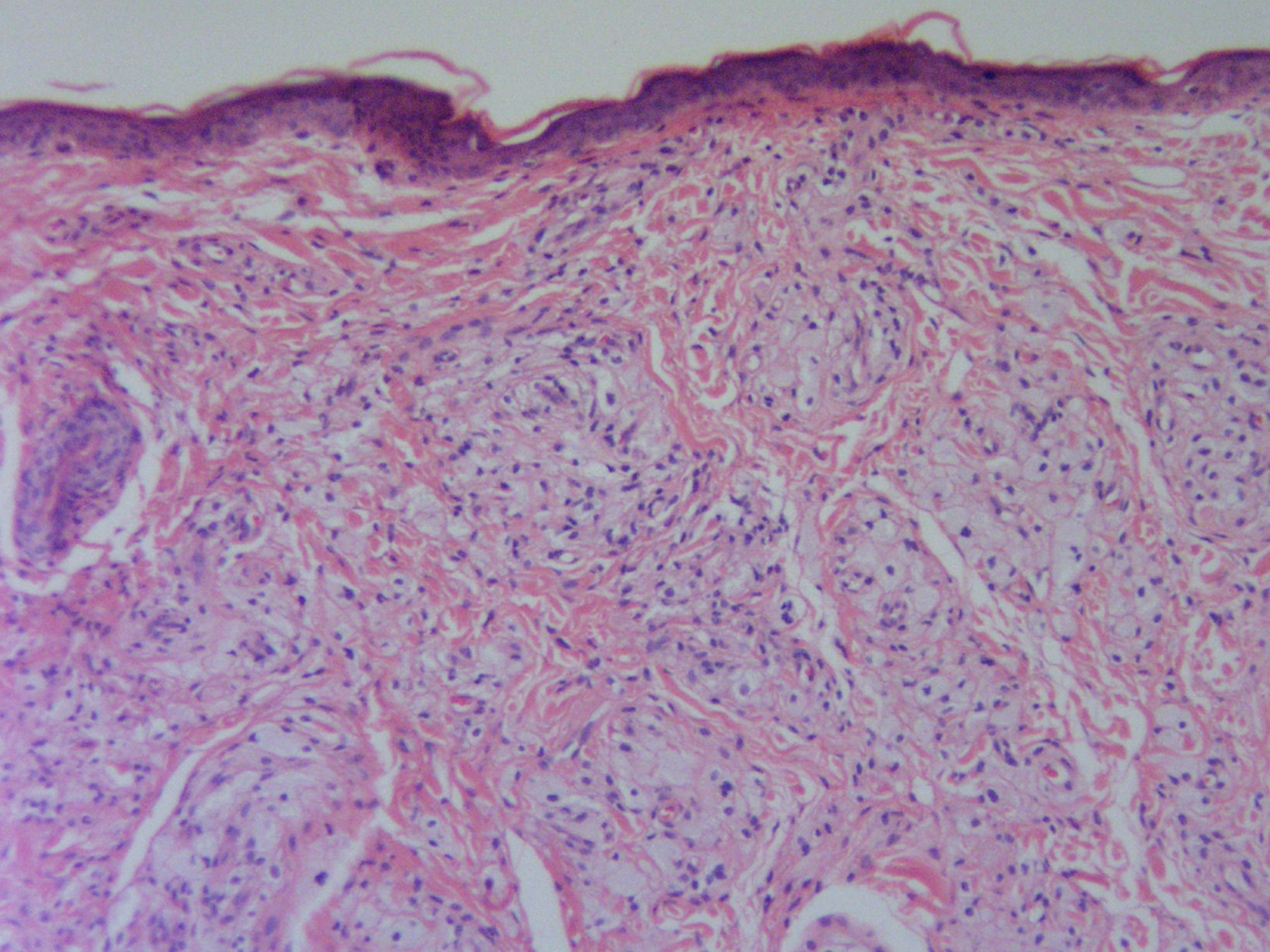
Balloon Cell Nevus

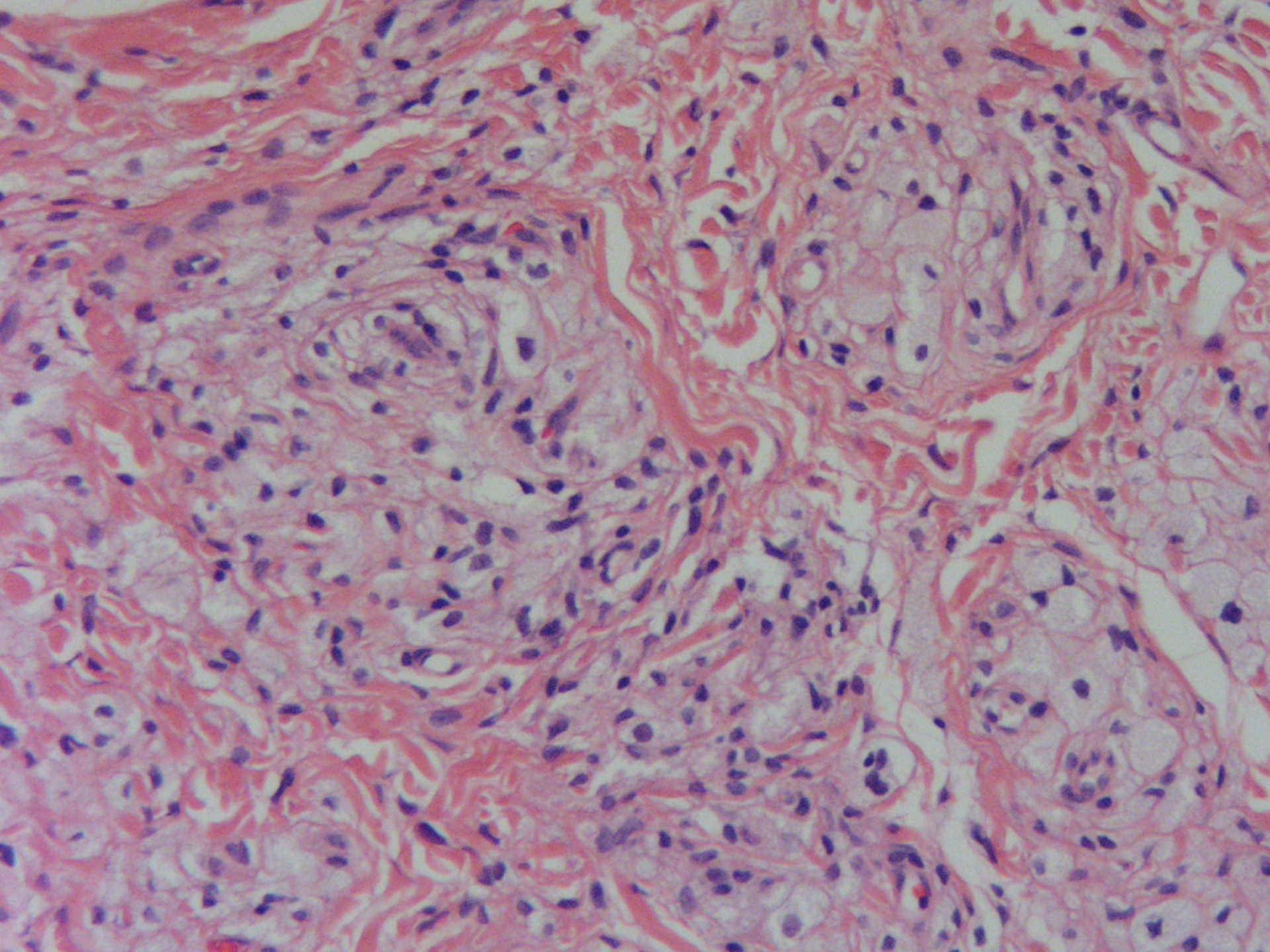
Histopathology

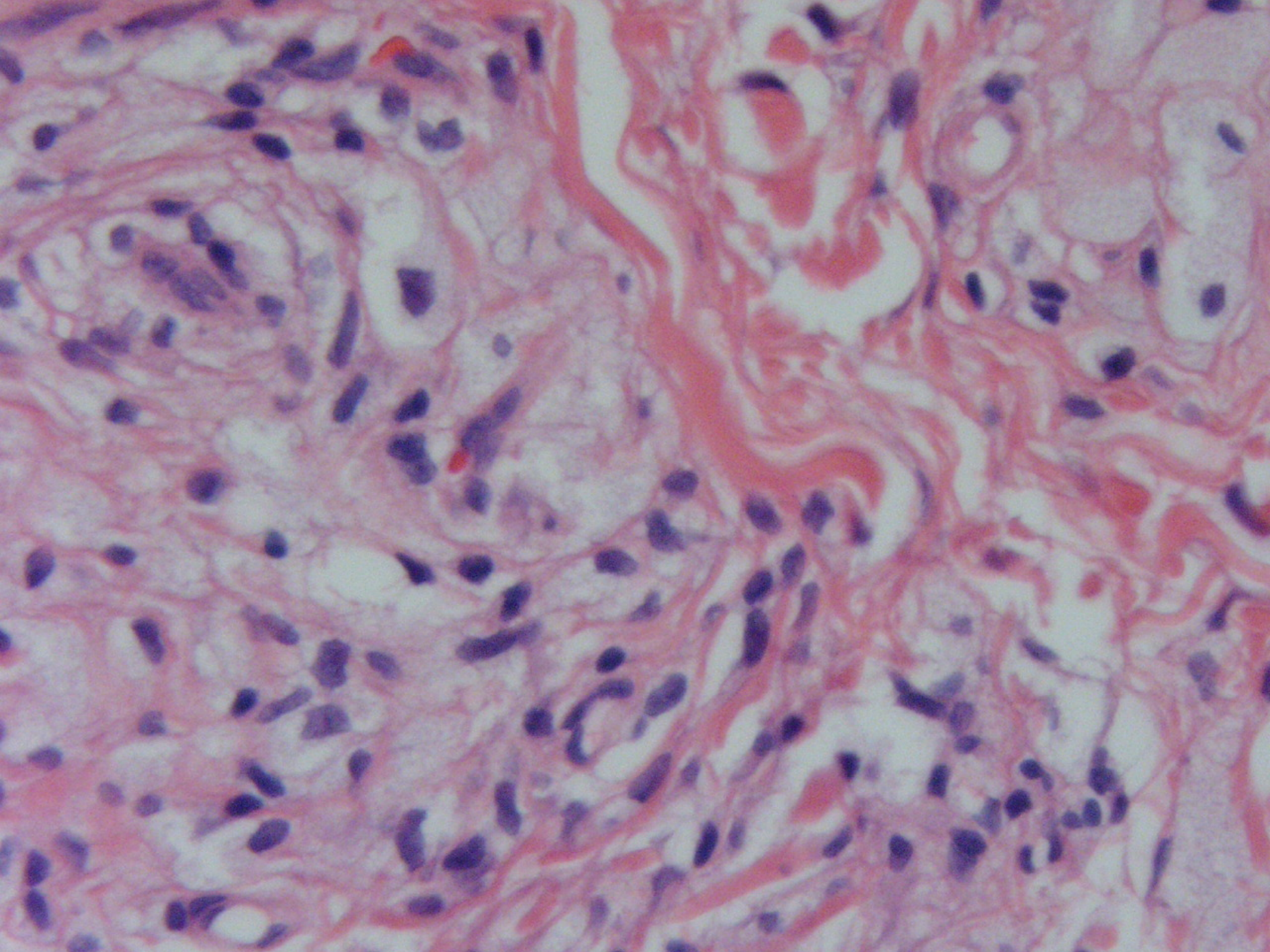


- Ballooning or clearing of cytoplasm of melanocytes
- Benign to malignant changes
- DDX: Epithelial clear cell neoplams







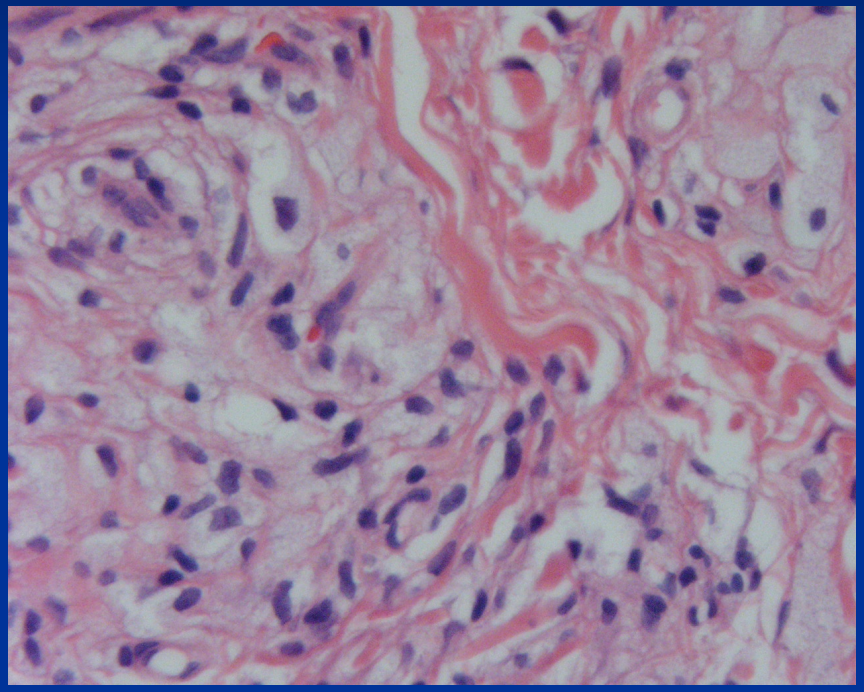


Questions

- Differential diagnosis?
- What additional stains/IHC would be helpful?

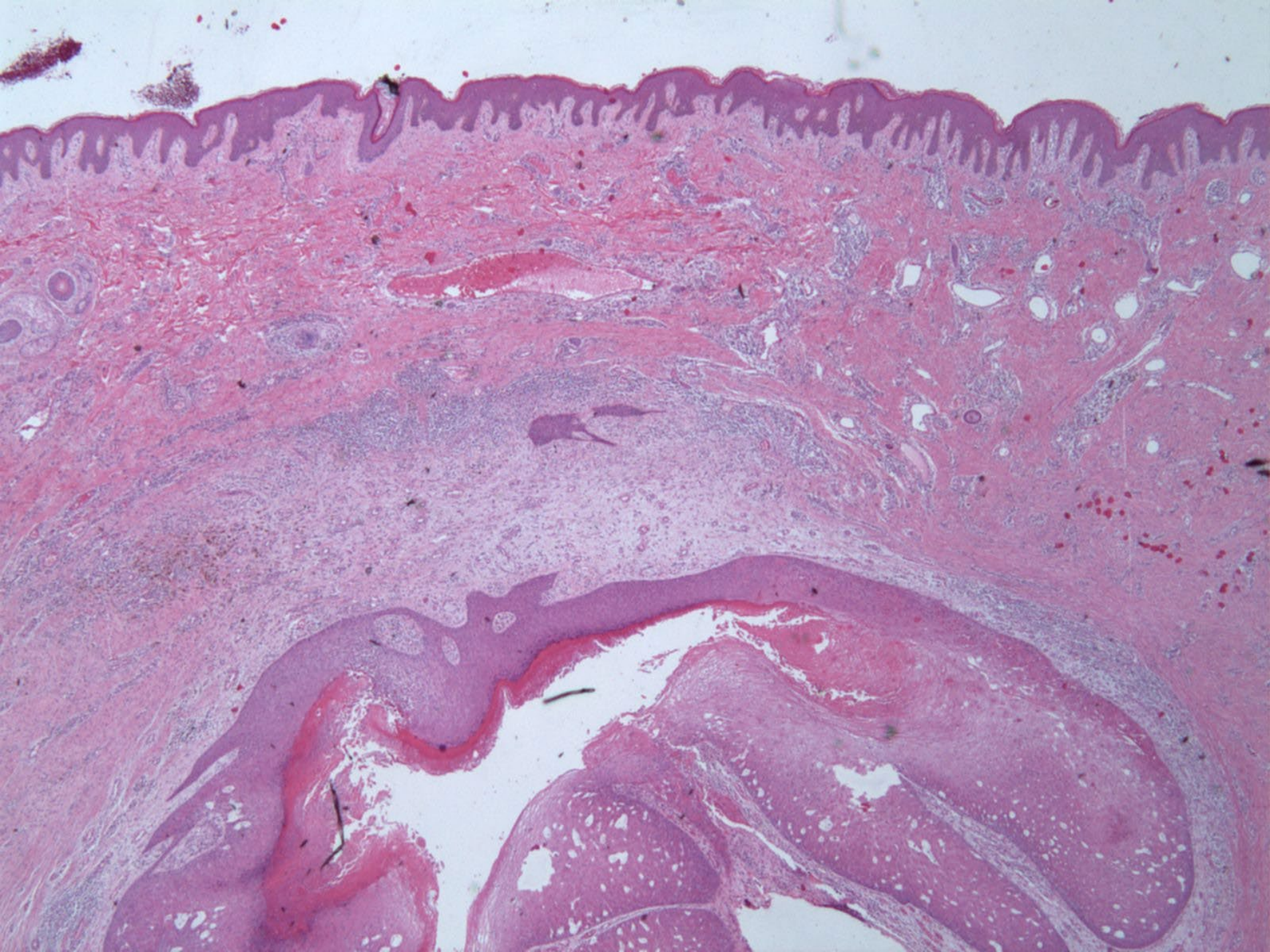
Xanthelasma

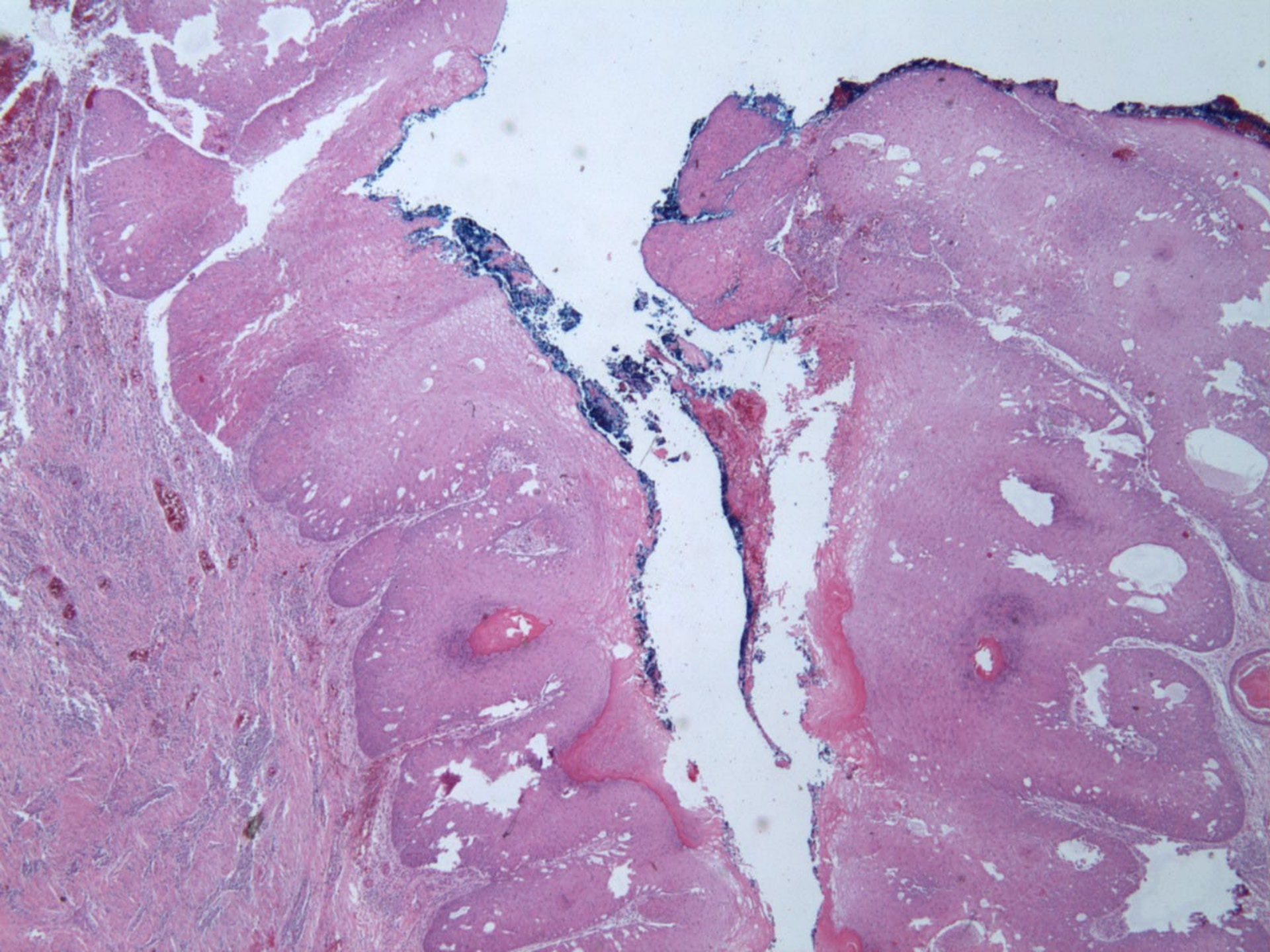
Histopathology

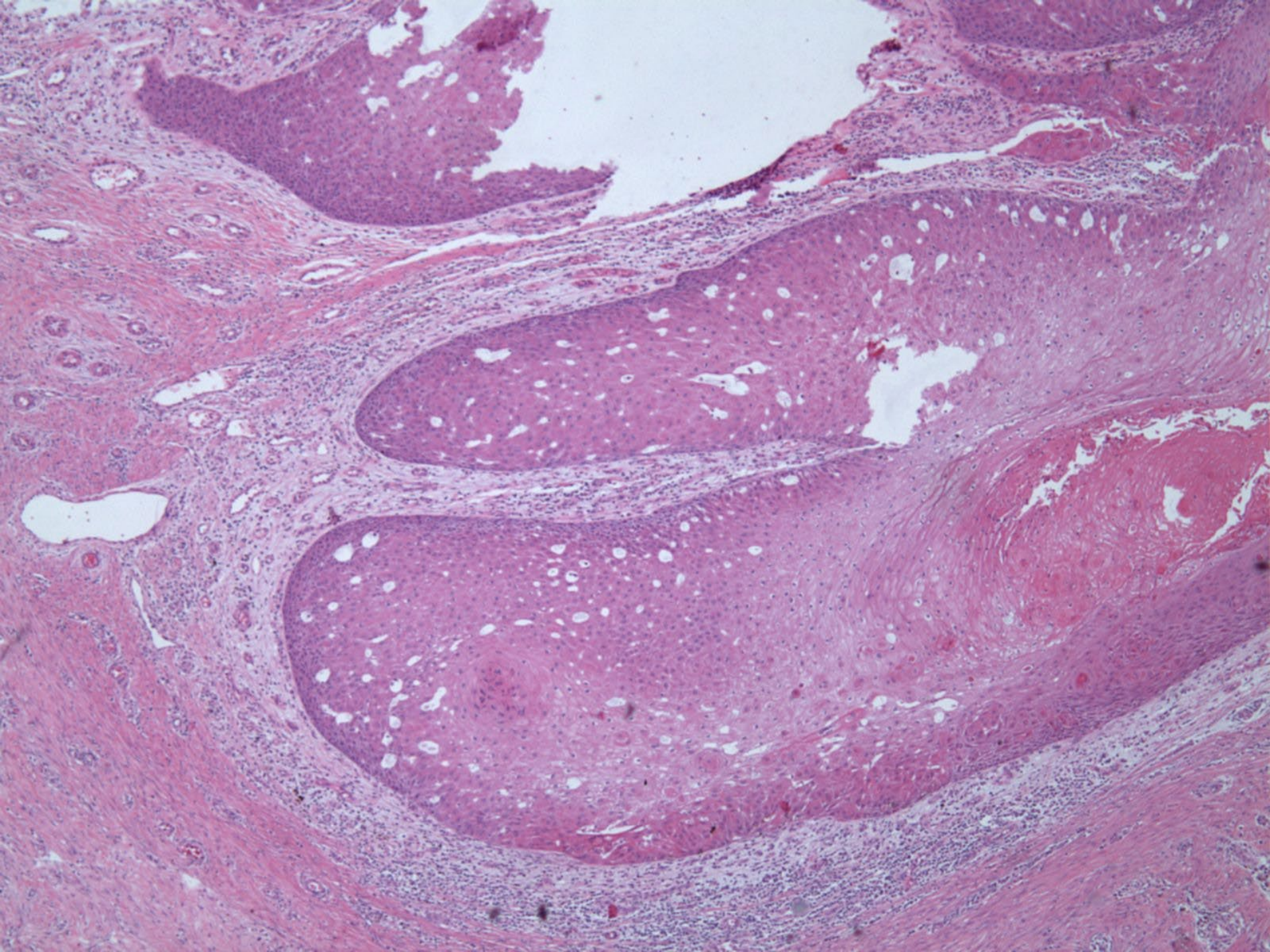


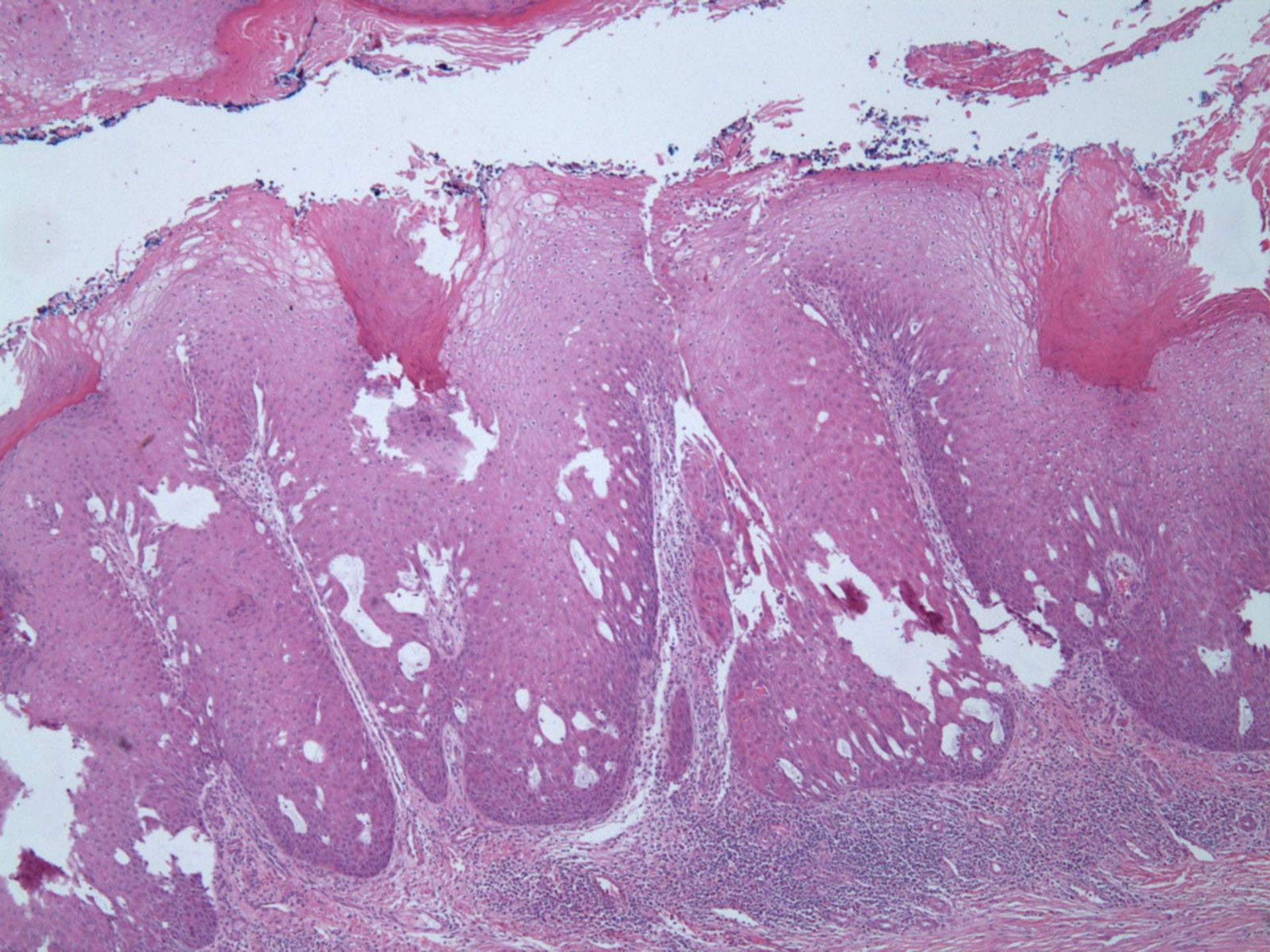
- Foamy histiocytes
- No atypia
- Location

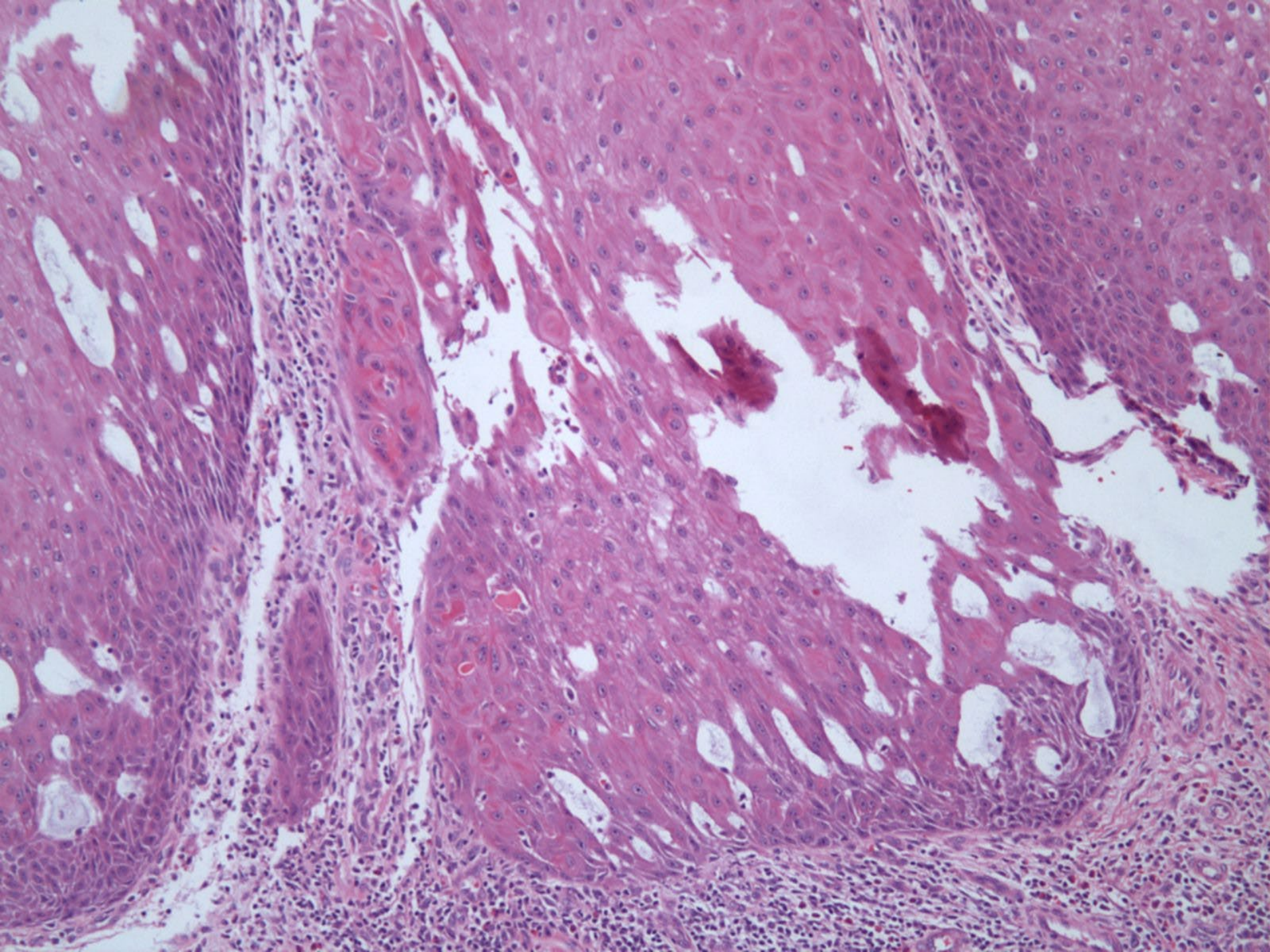
Should you order a lipid profile on this patient?

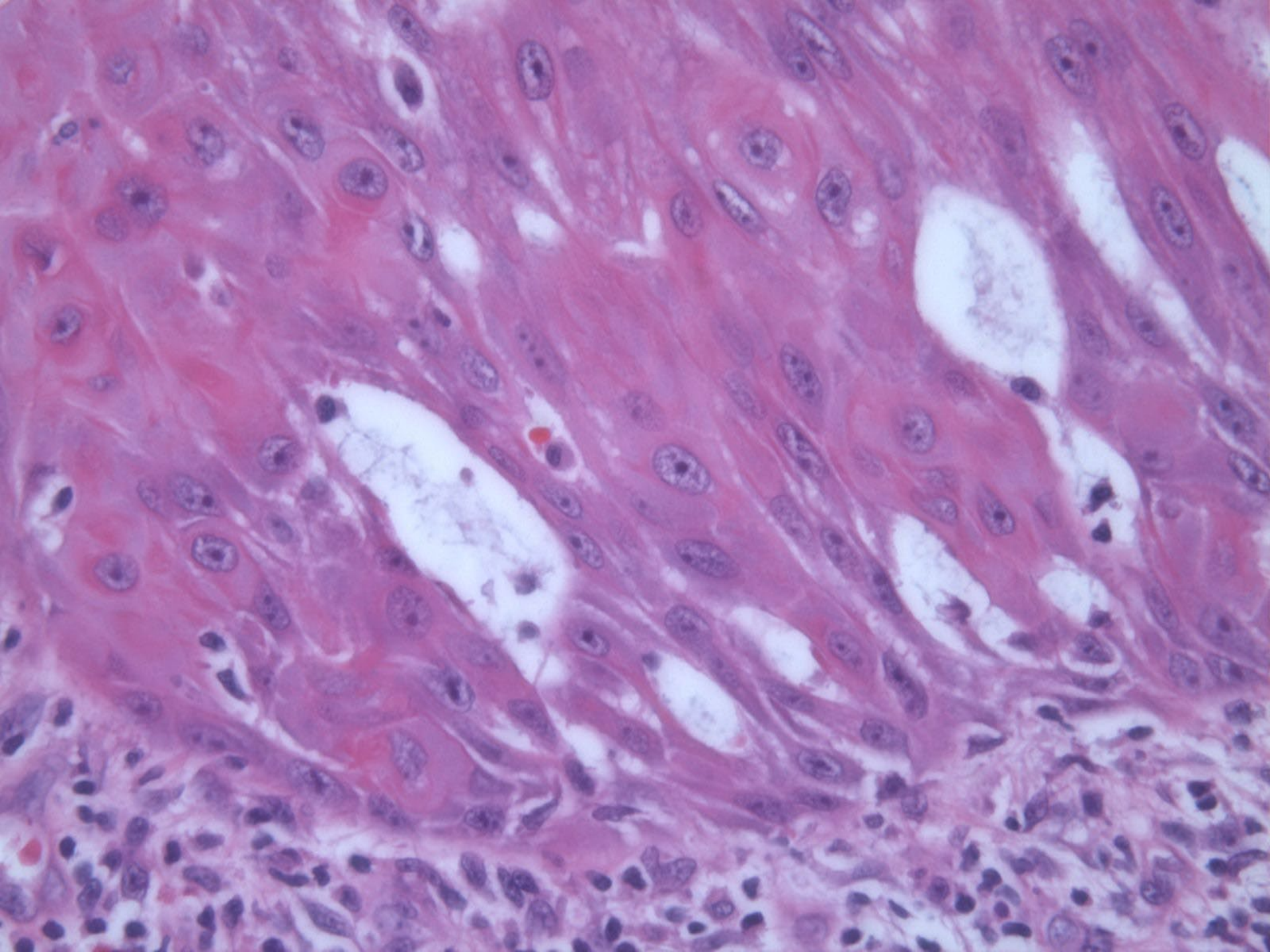










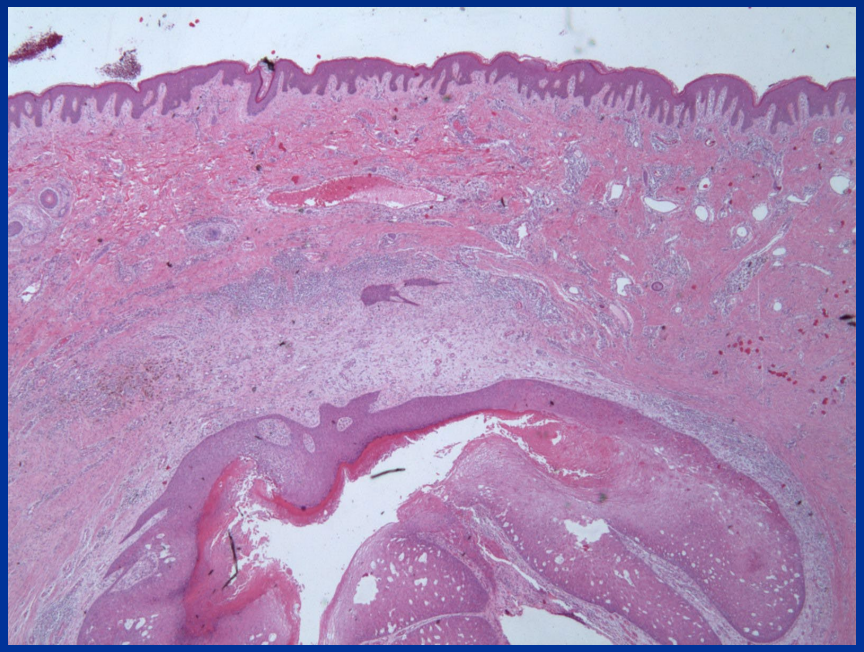


Questions

- Benign or malignant?
- Differential Diagnosis?

Pilar Sheath Acanthoma

Histopathology



- Epidermal cyst with exuberant epithelial proliferation
- No atypia
- Deep invagination into dermis
- DDX
  - EIC
  - Dilated Pore of Winer
  - Trichofolliculoma