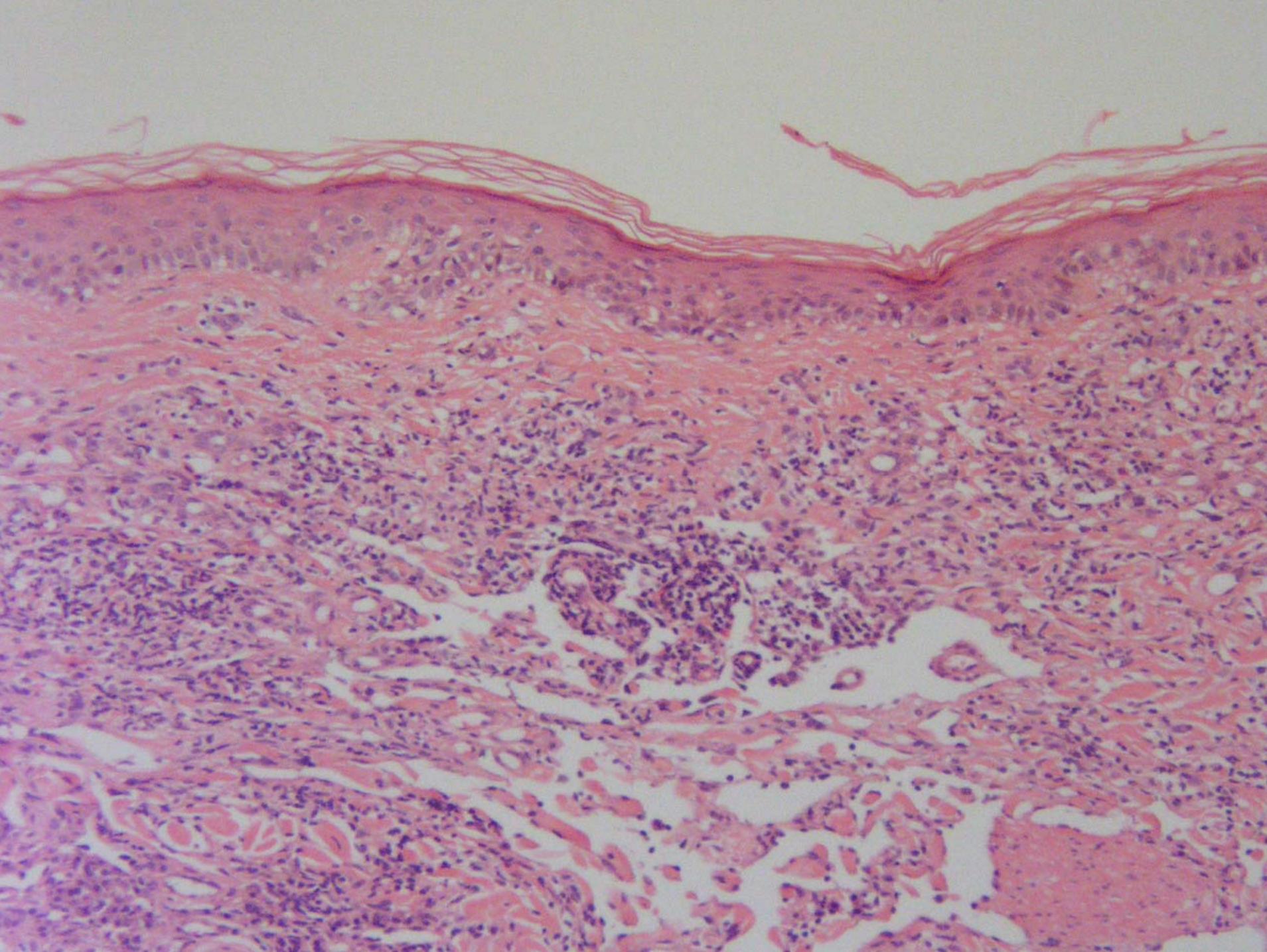
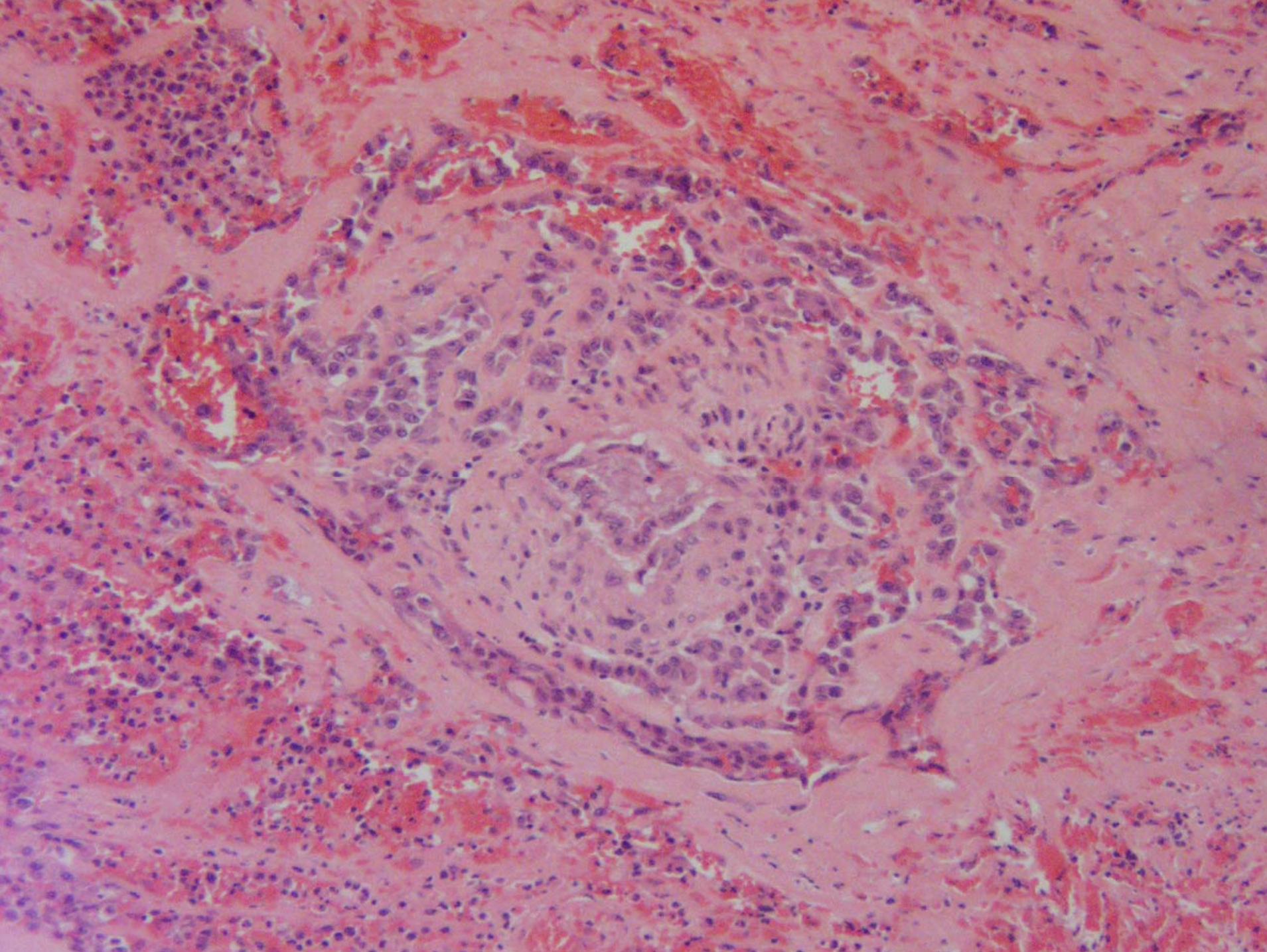
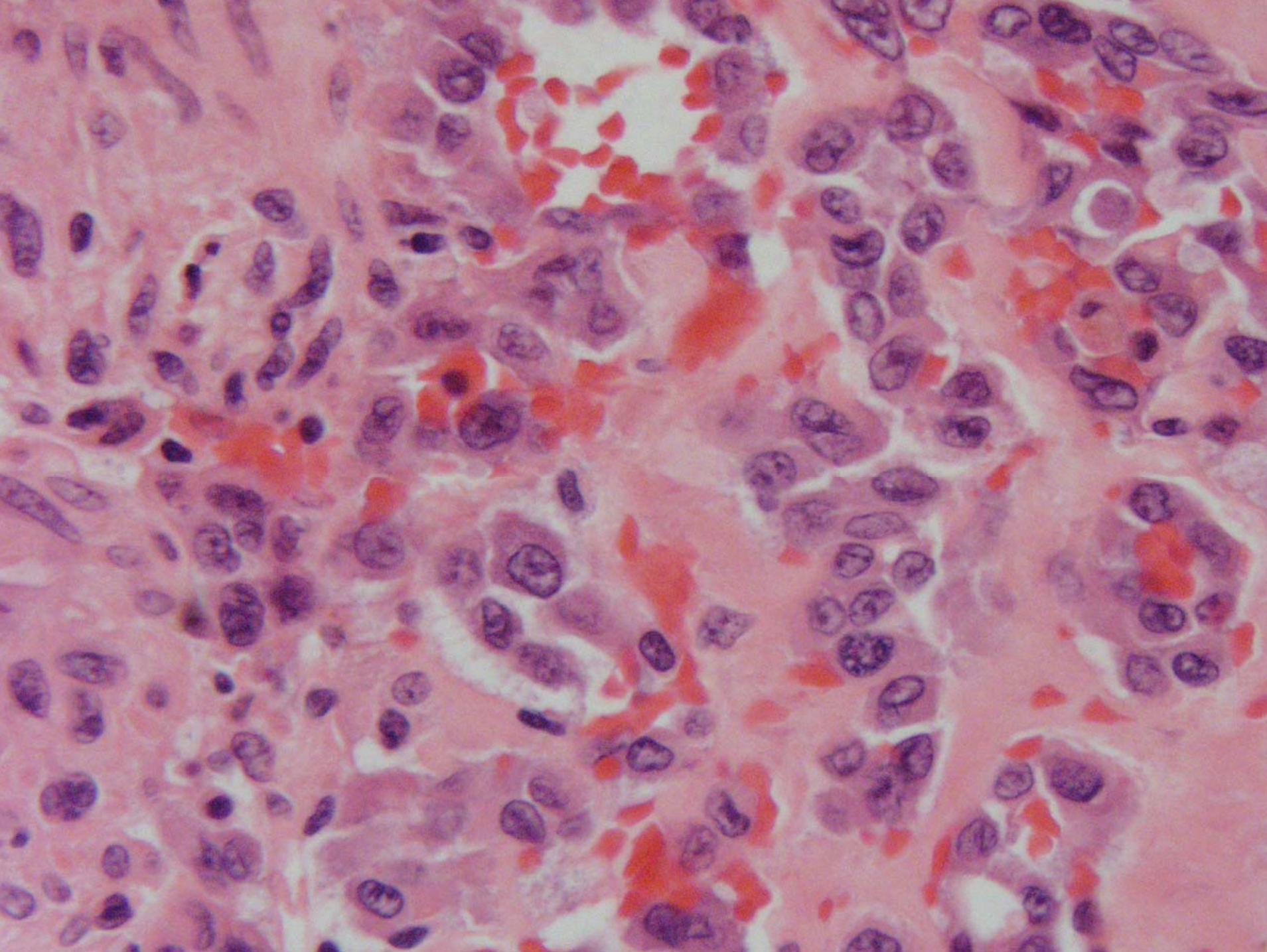


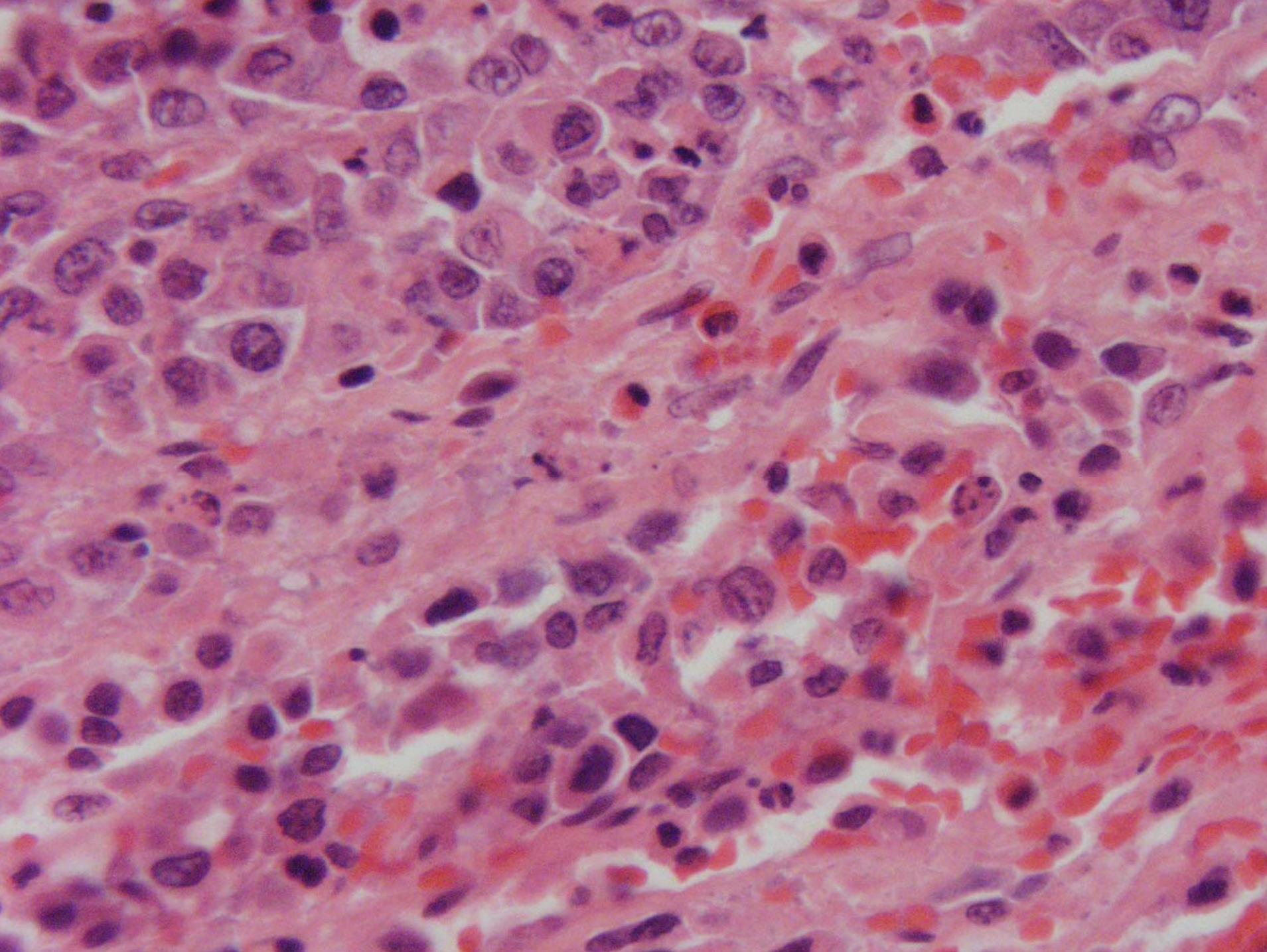
Dermatopathology Slide Review-Part I

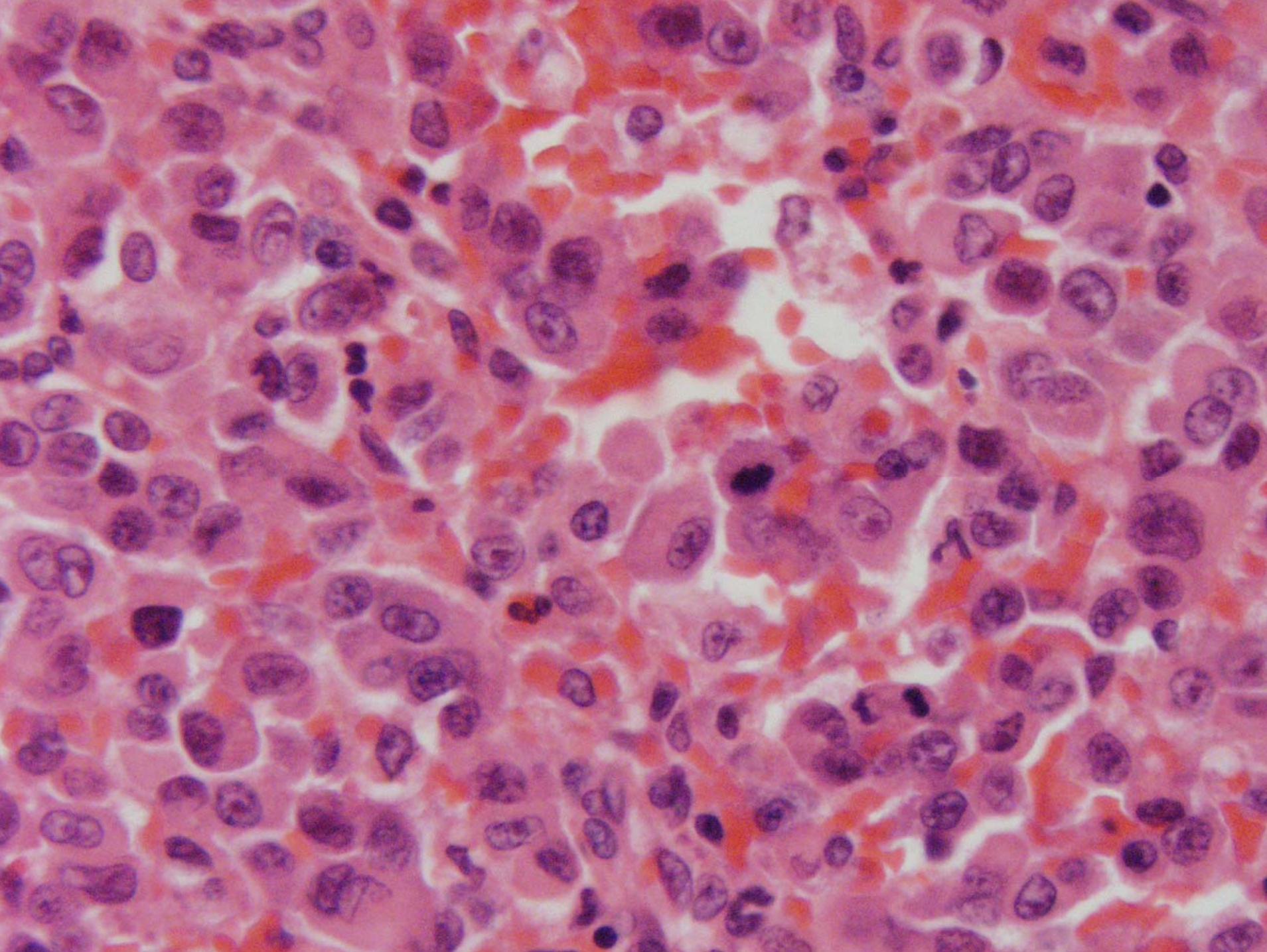
Paul K. Shitabata, M.D.
Pathology Inc.





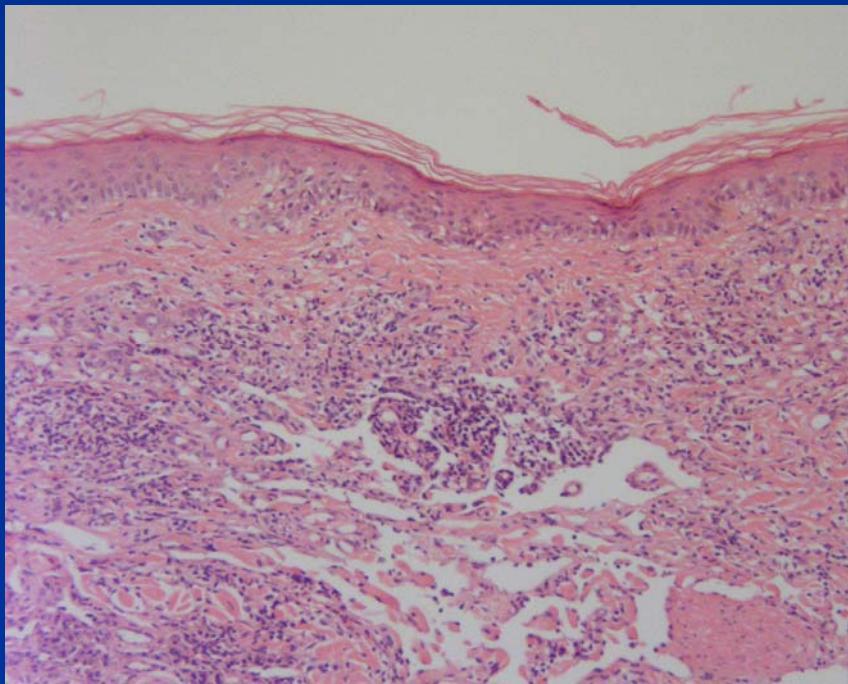




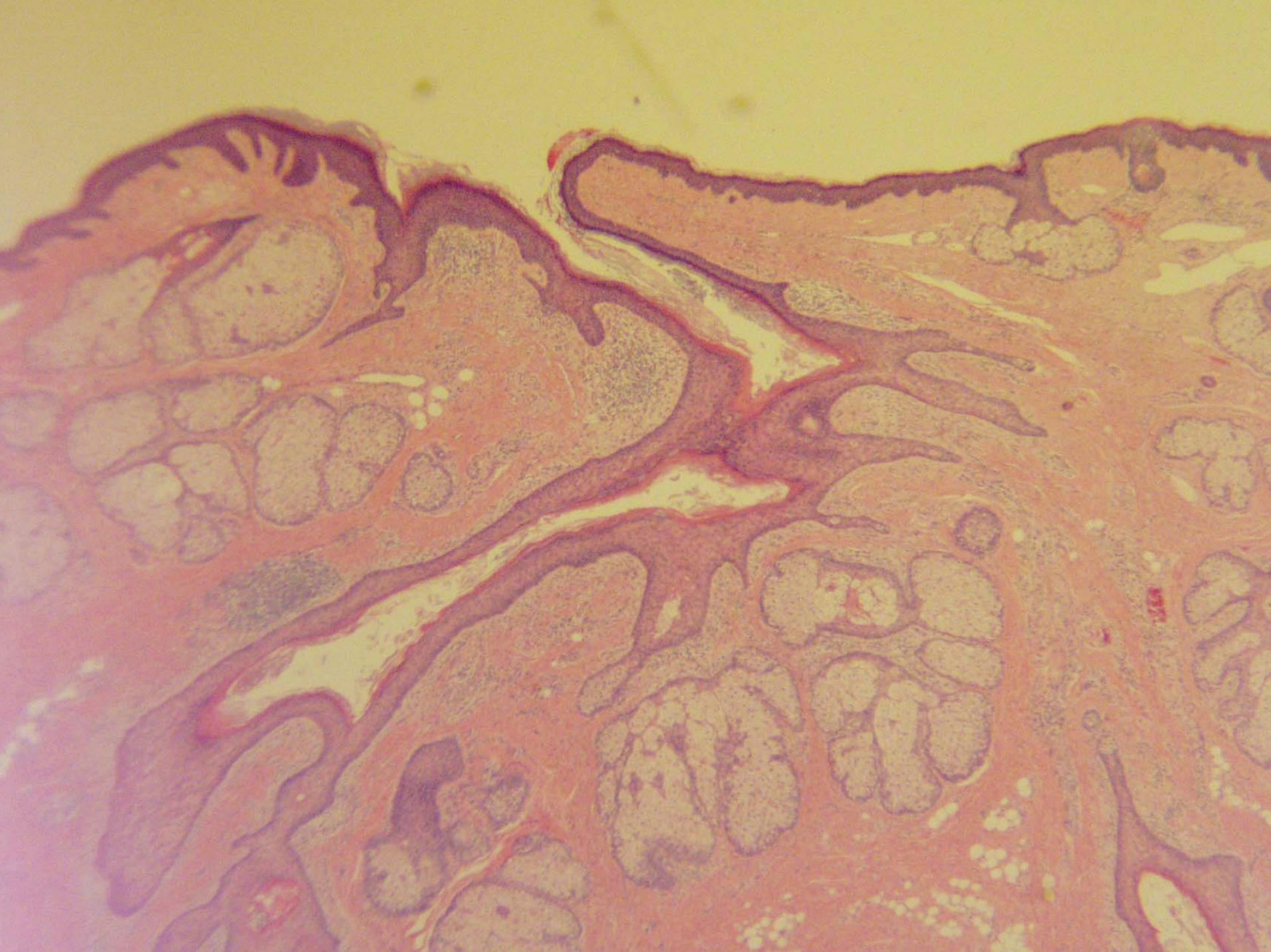


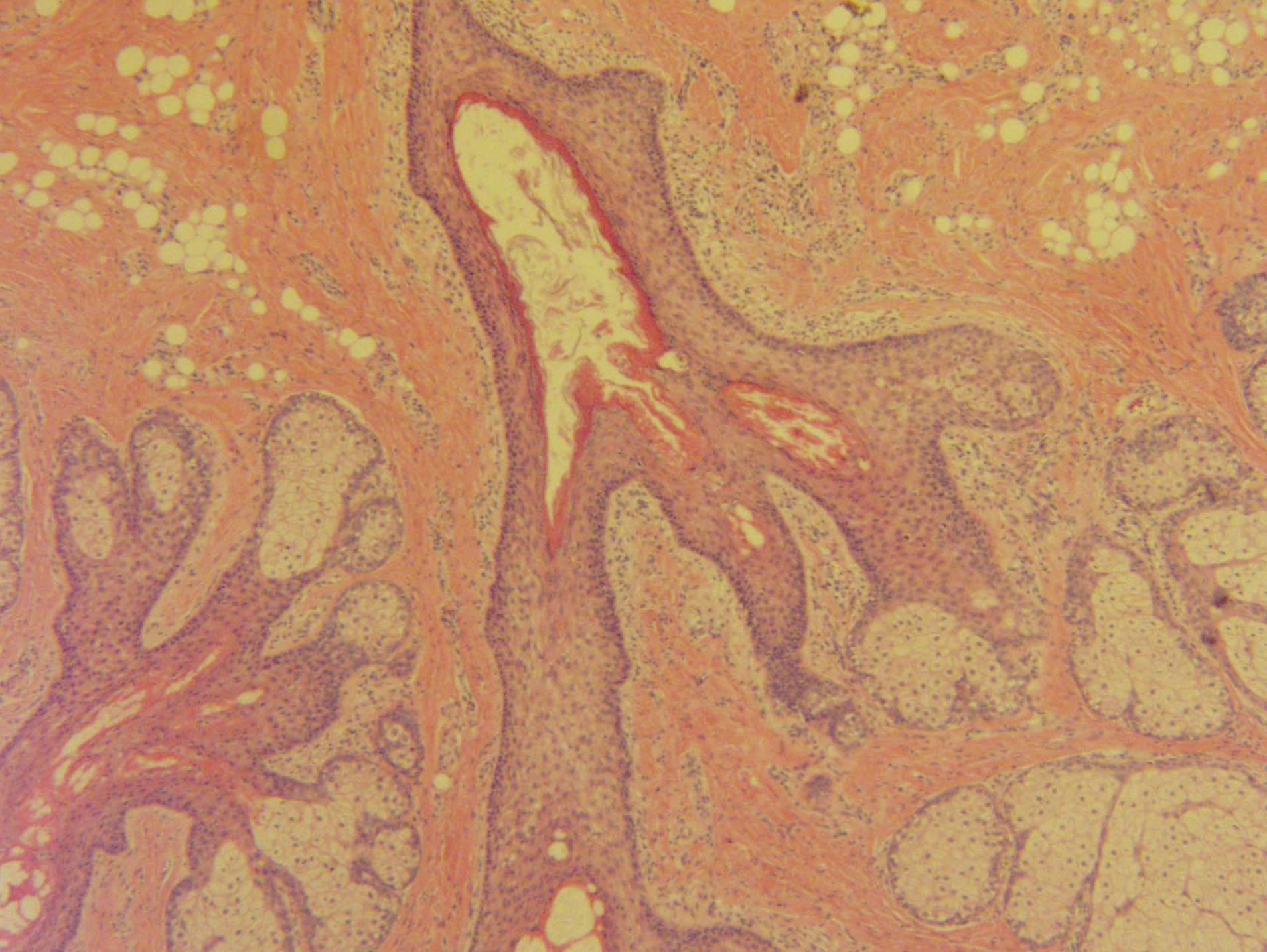
Angiosarcoma

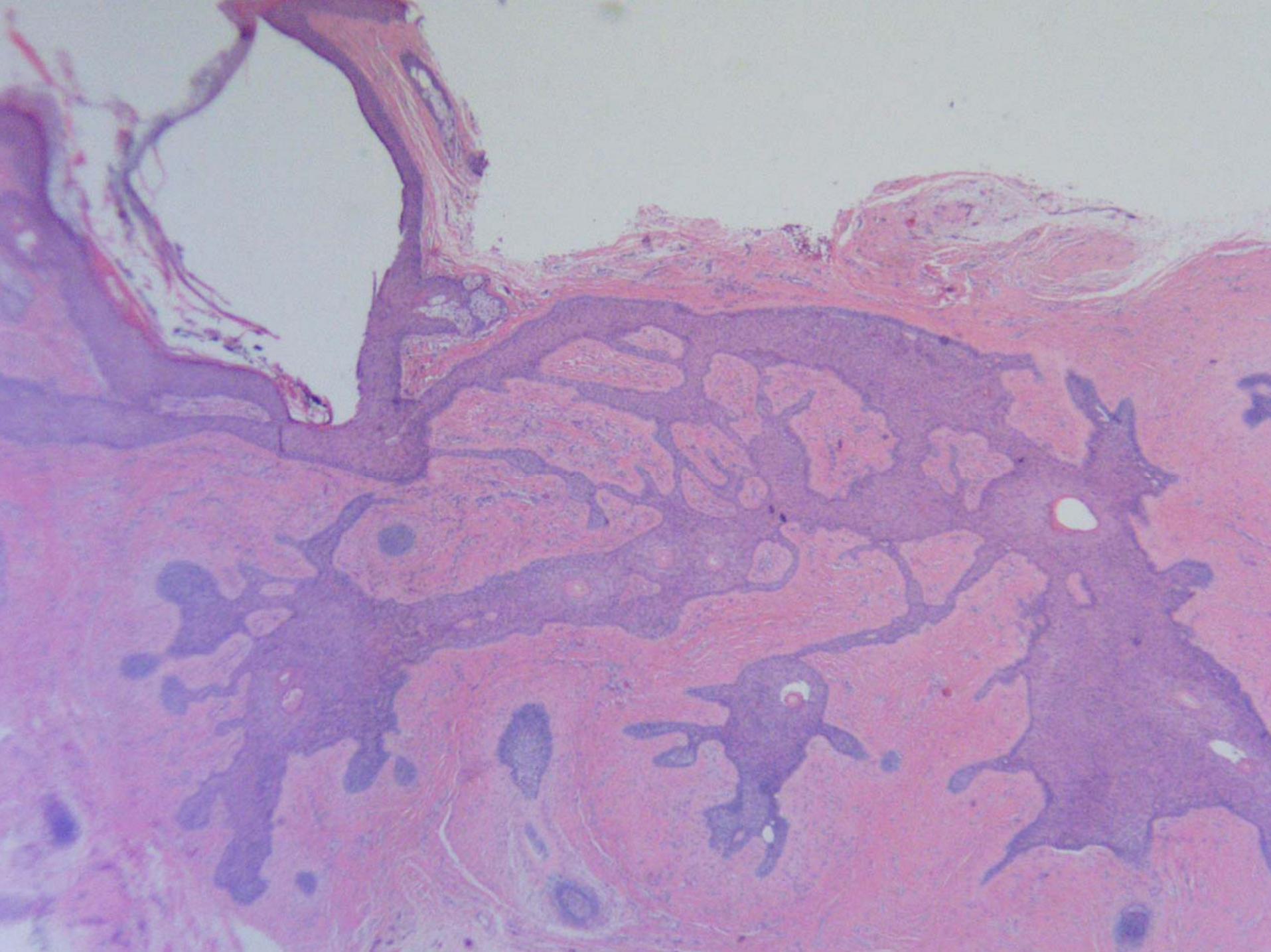
Histopathology

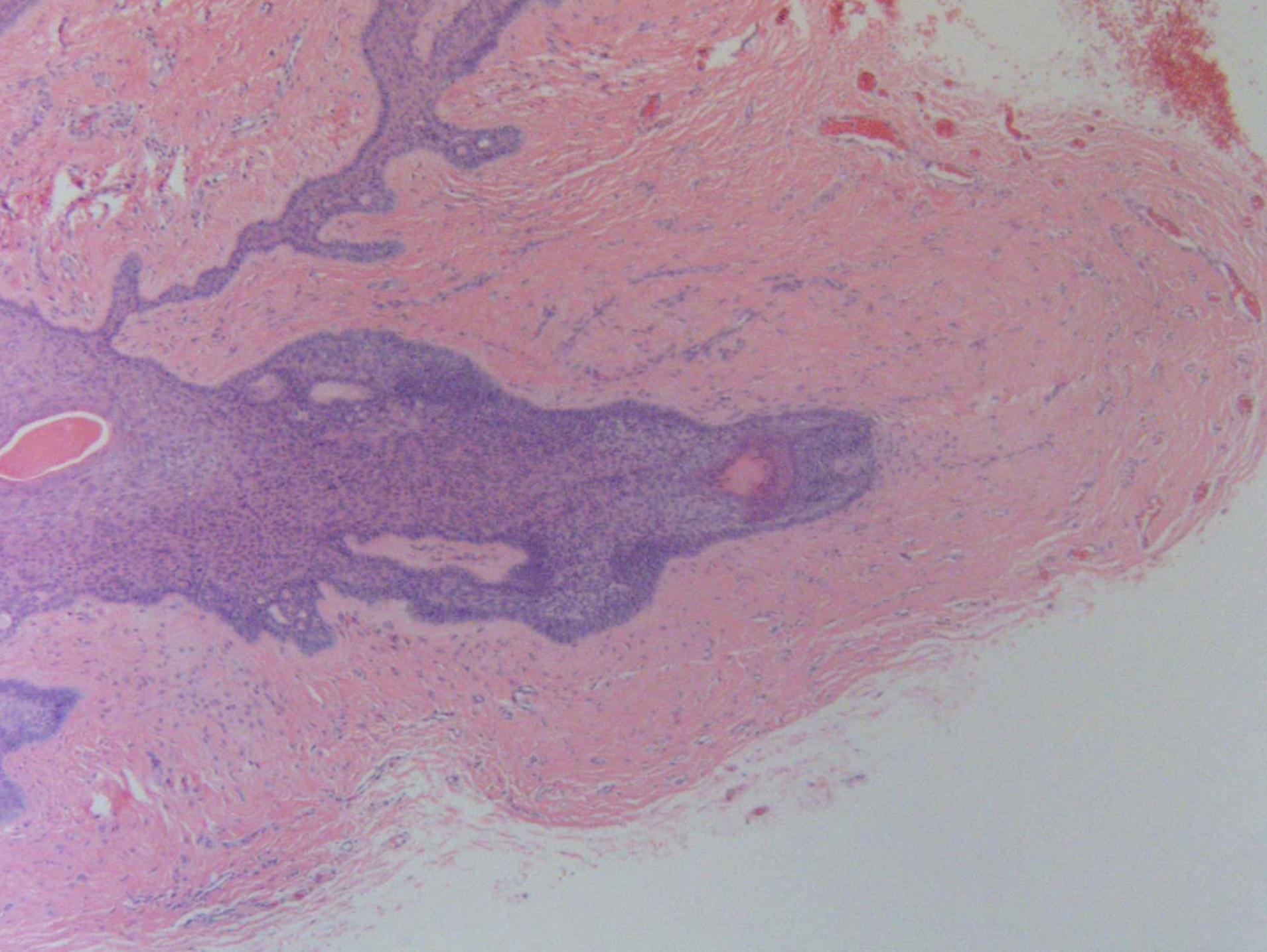


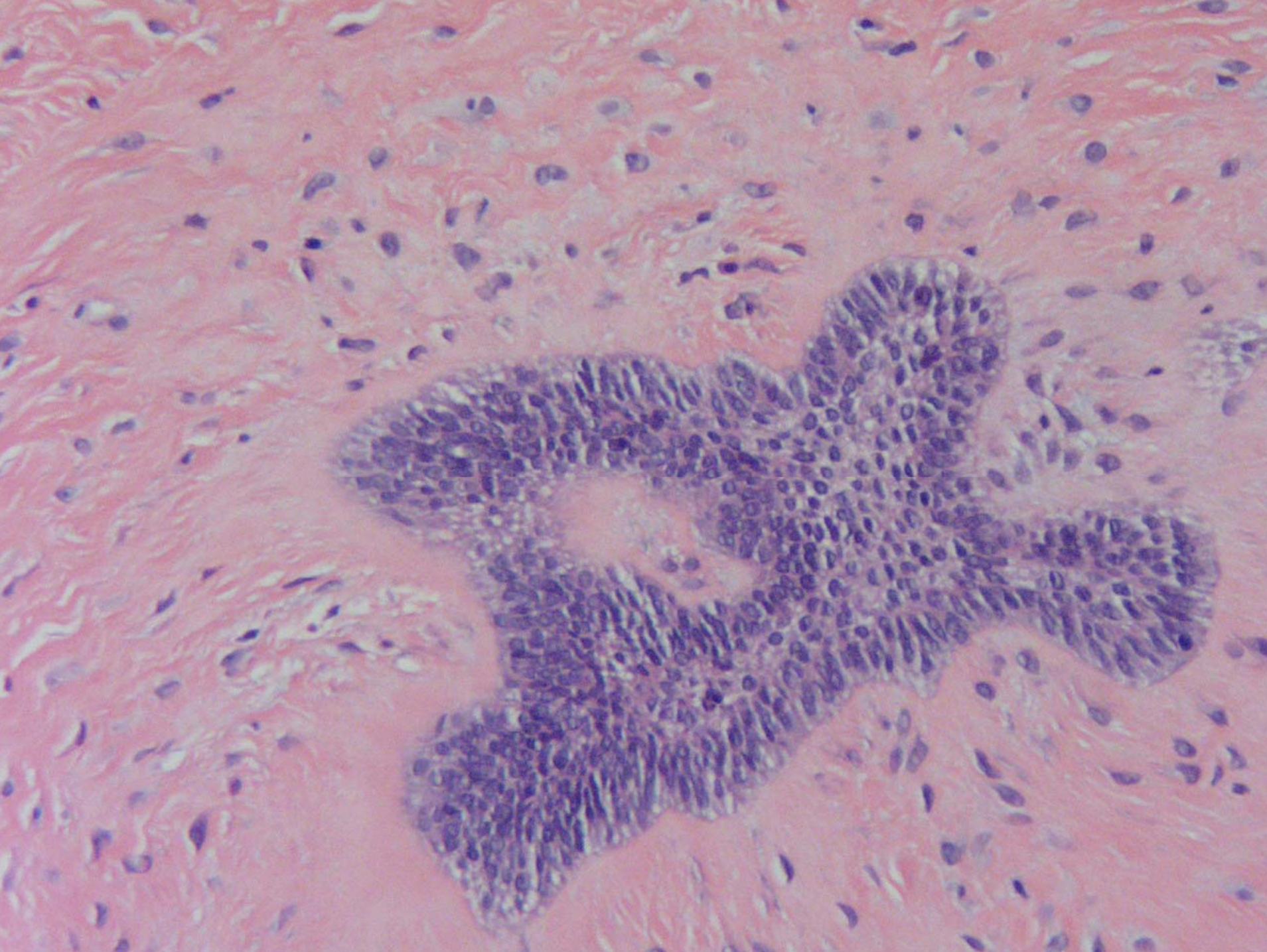
- Vascular spaces dissecting the dermis
- Lined by hyperchromatic endothelial cells
- Extravasated rbc's





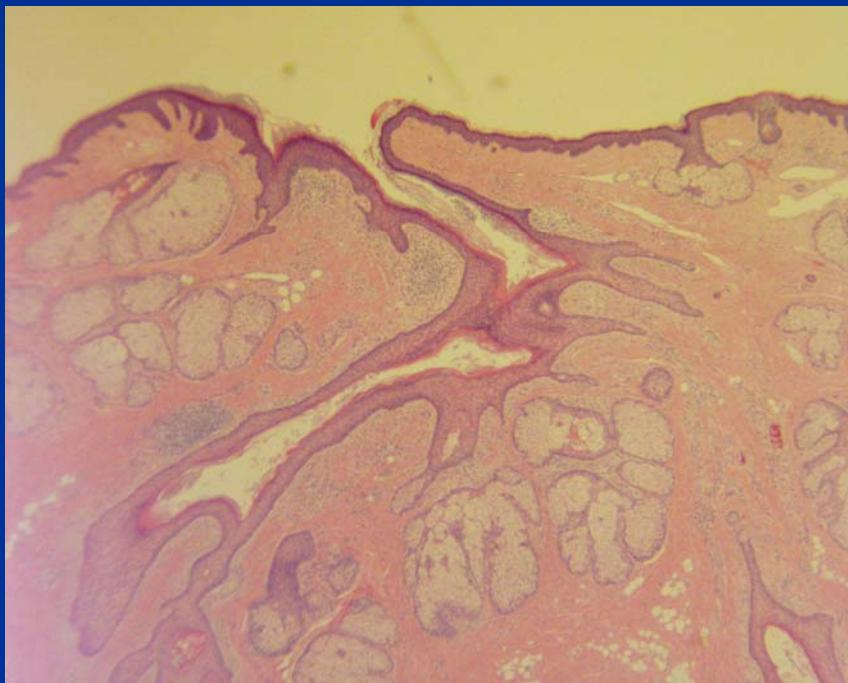




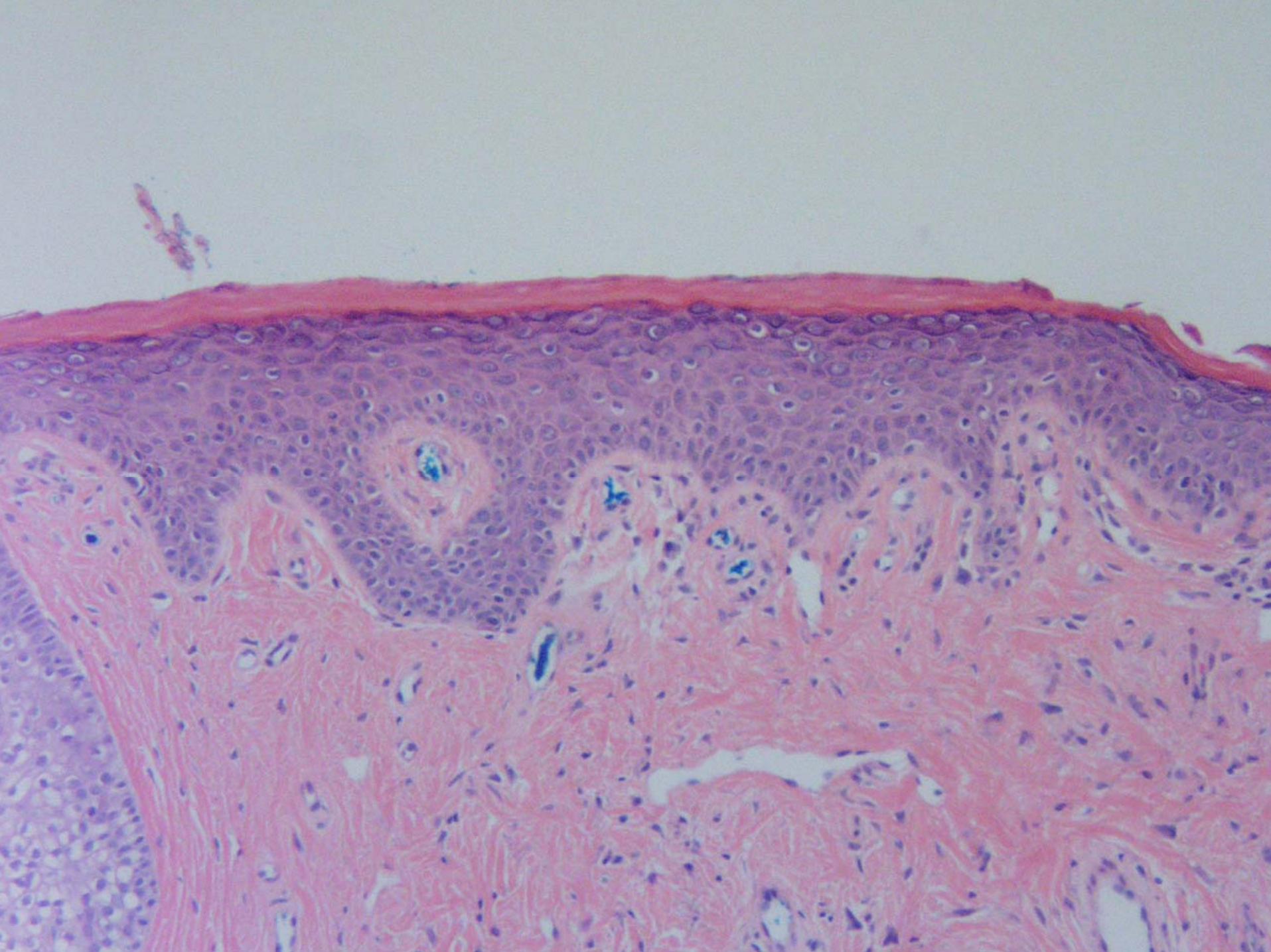


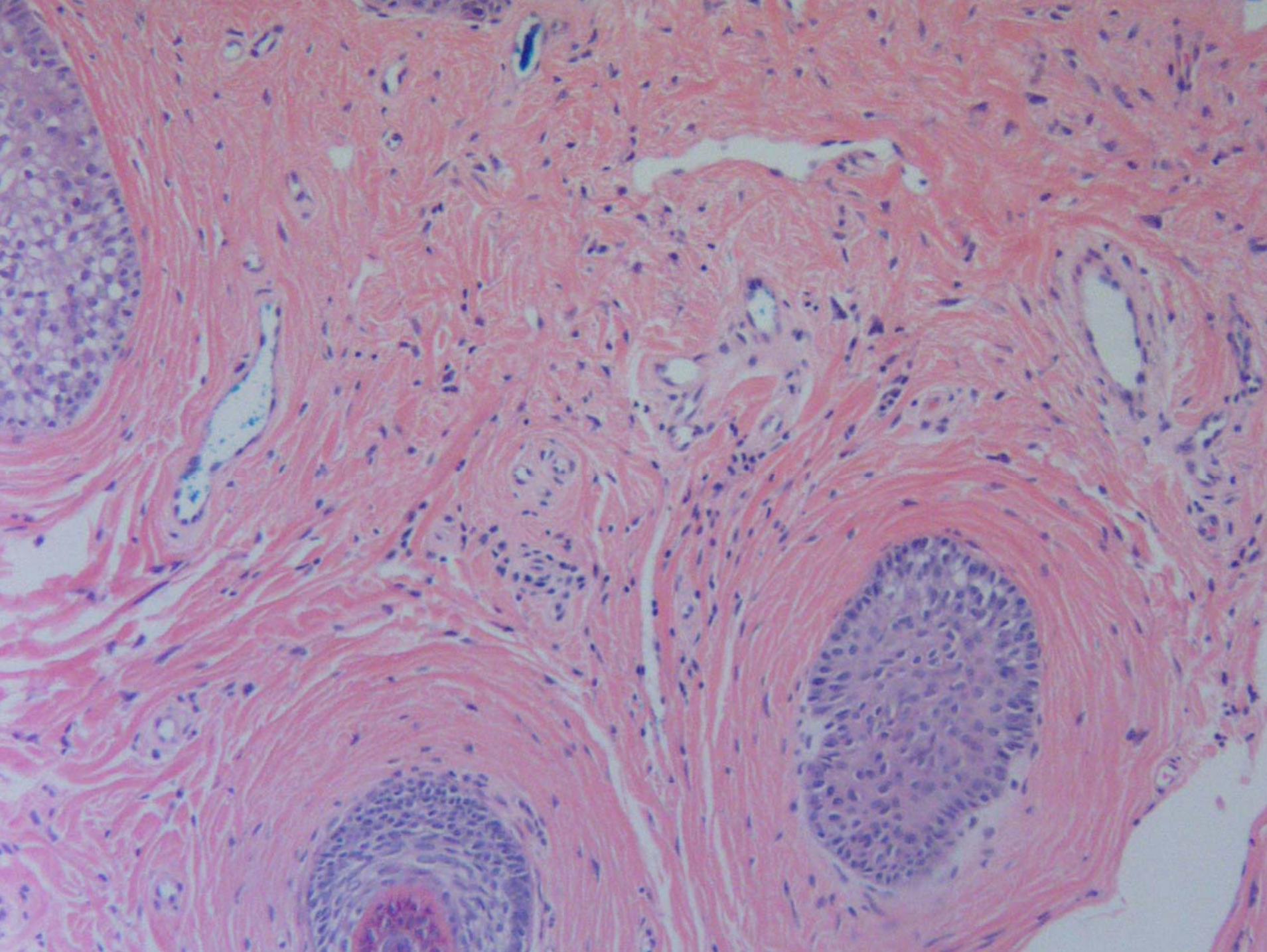
Trichofolliculoma

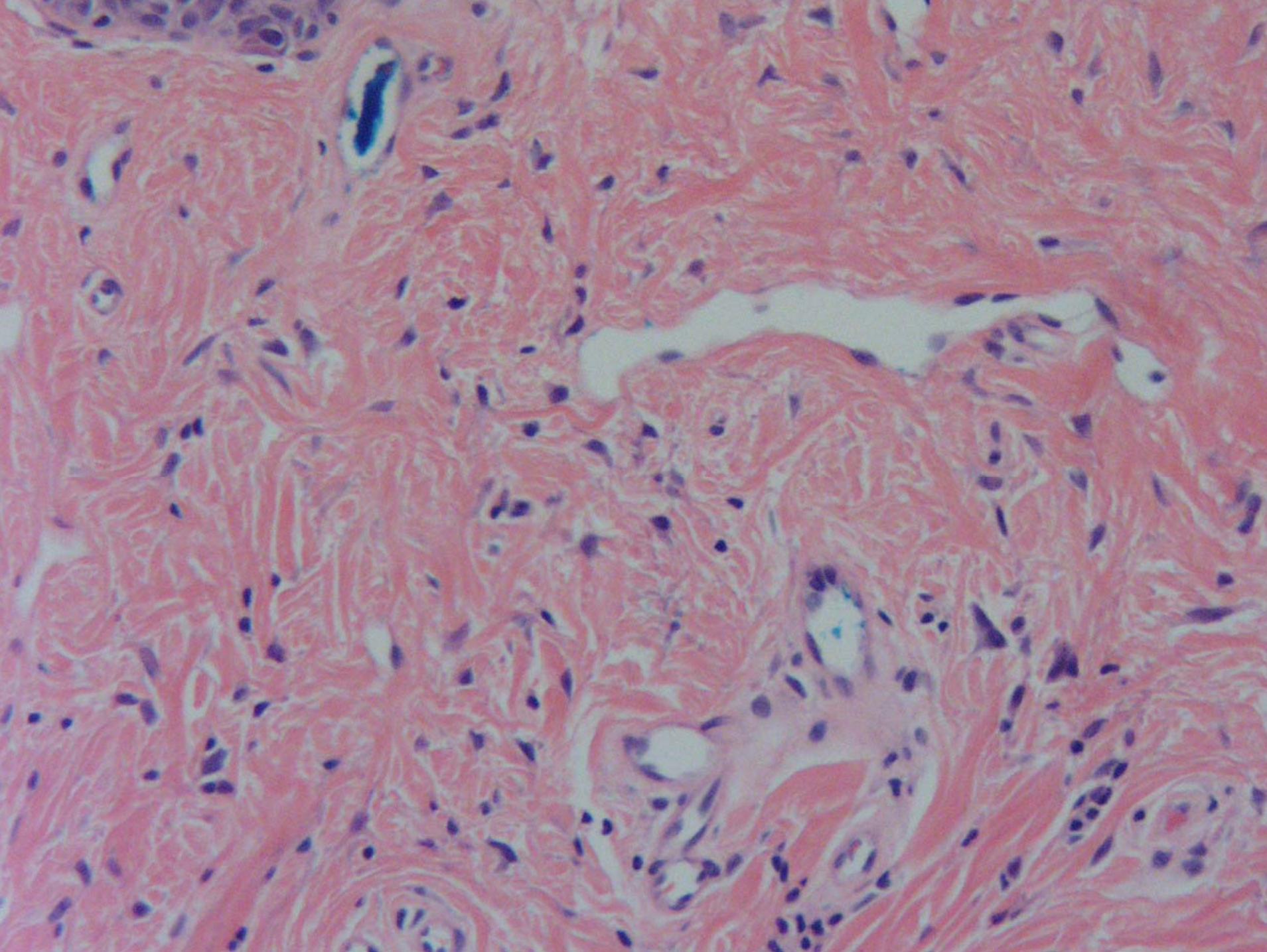
Histopathology

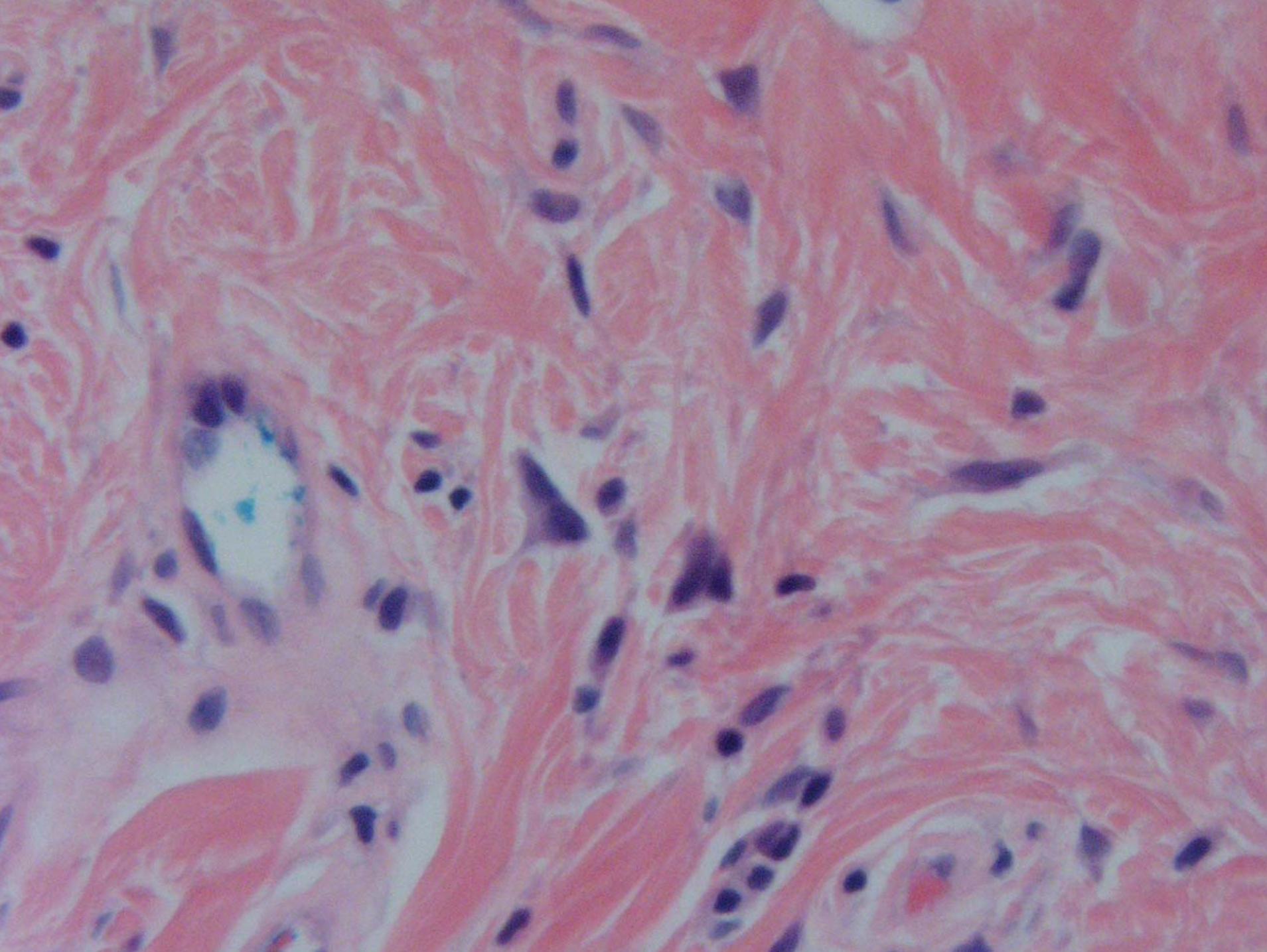


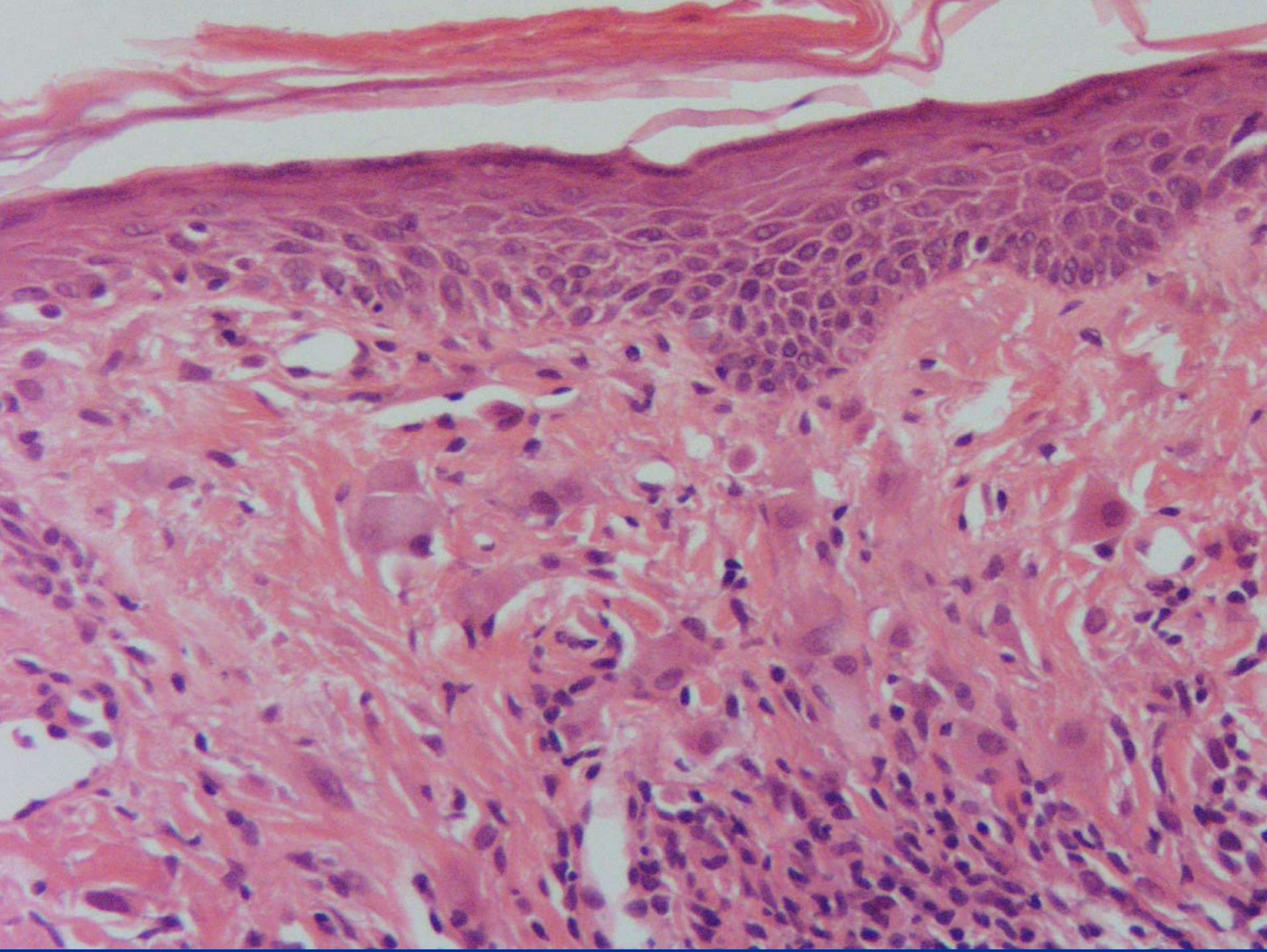
- Multiple mature pilosebaceous units emptying into a single dilated hair follicle
- Lesion demarcated from surrounding stroma

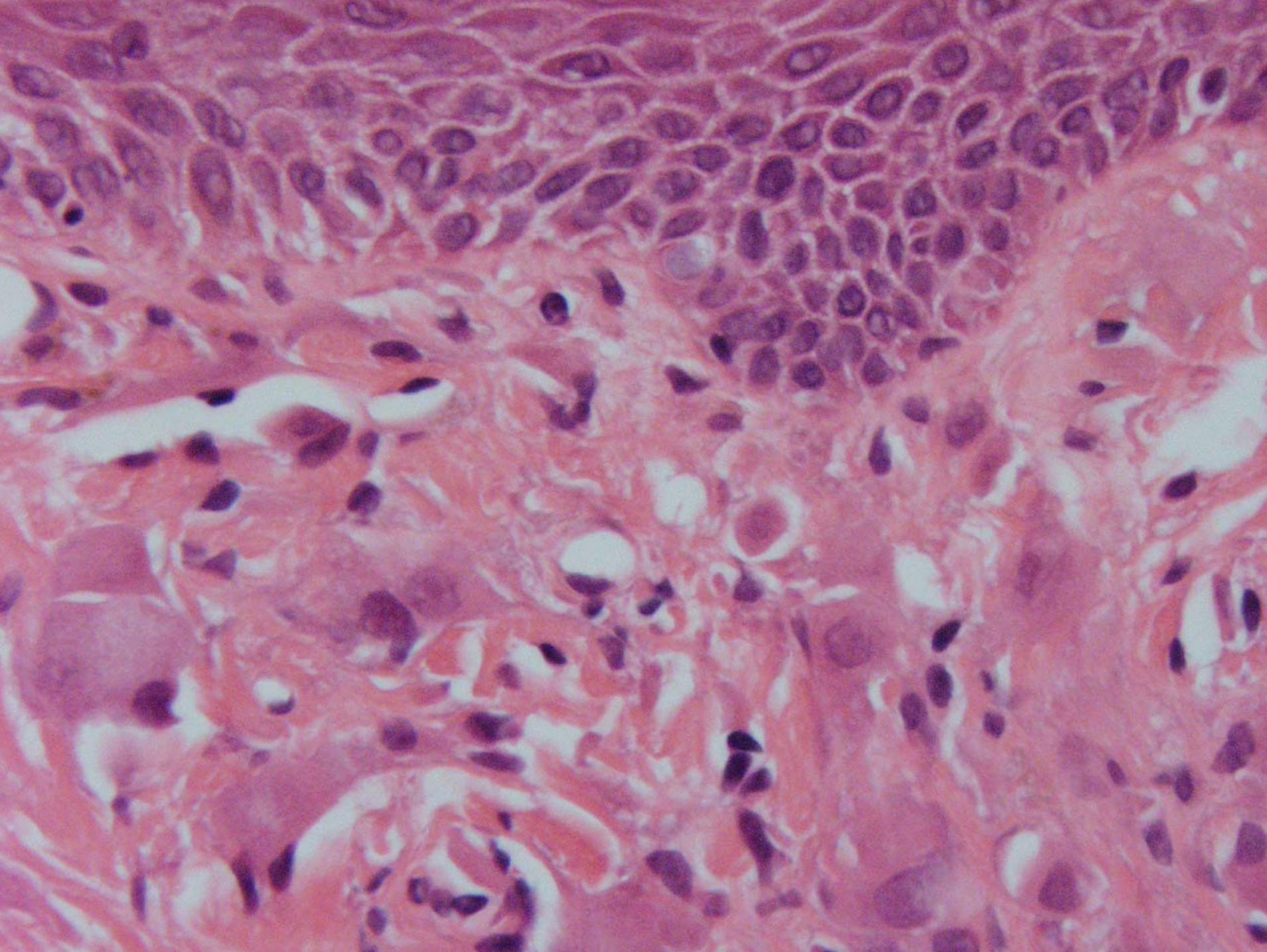






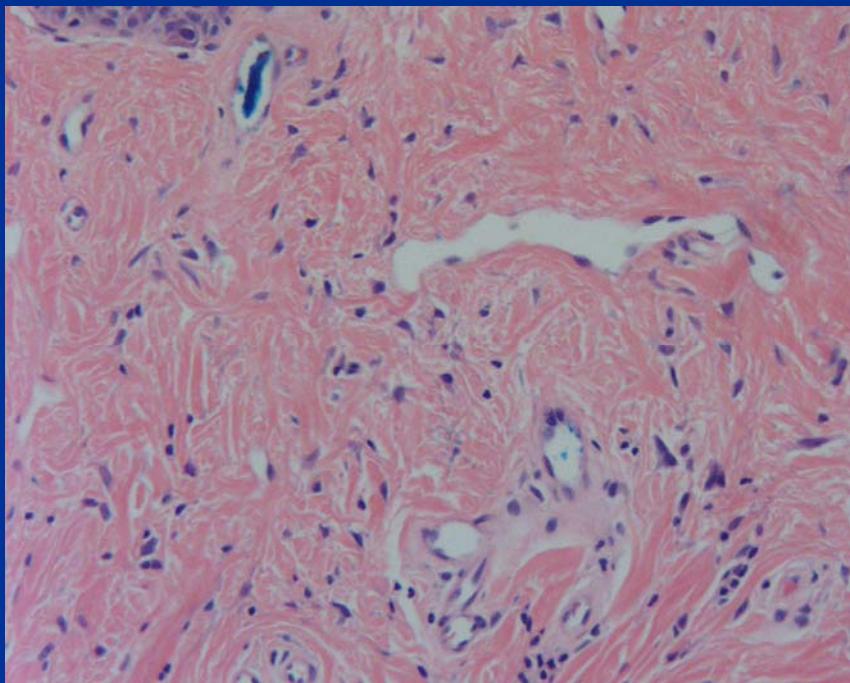




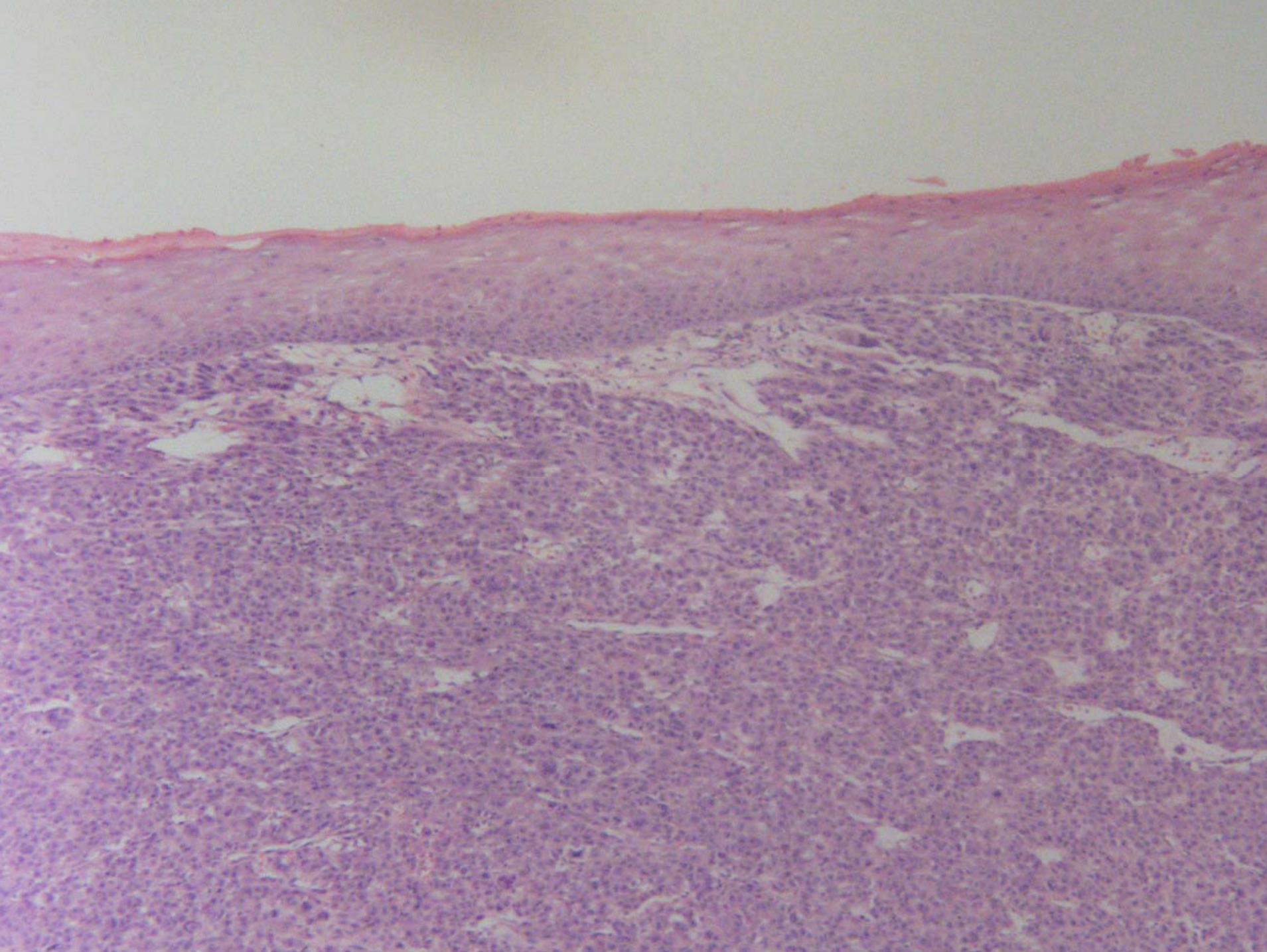


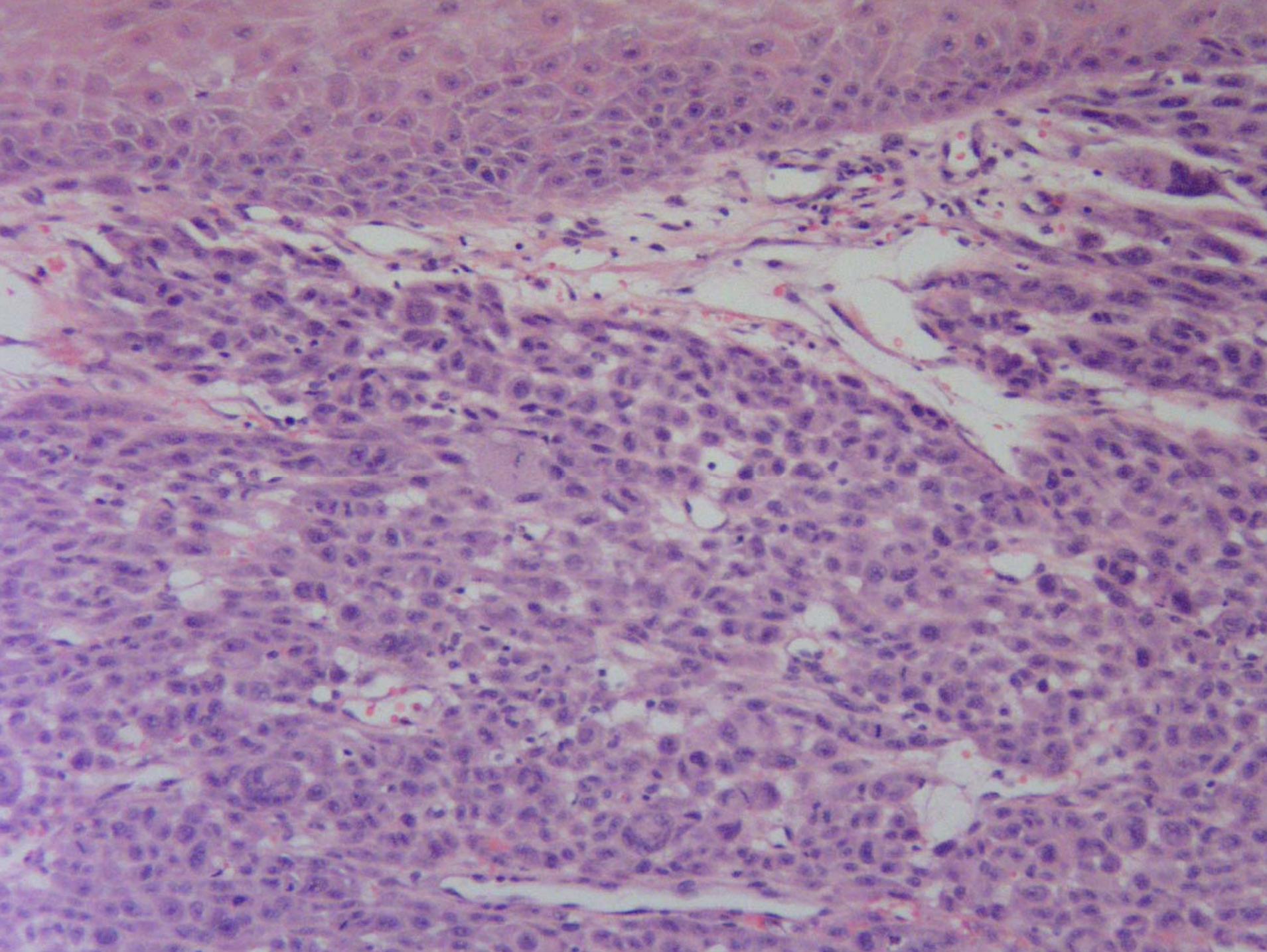
Fibrous Papule

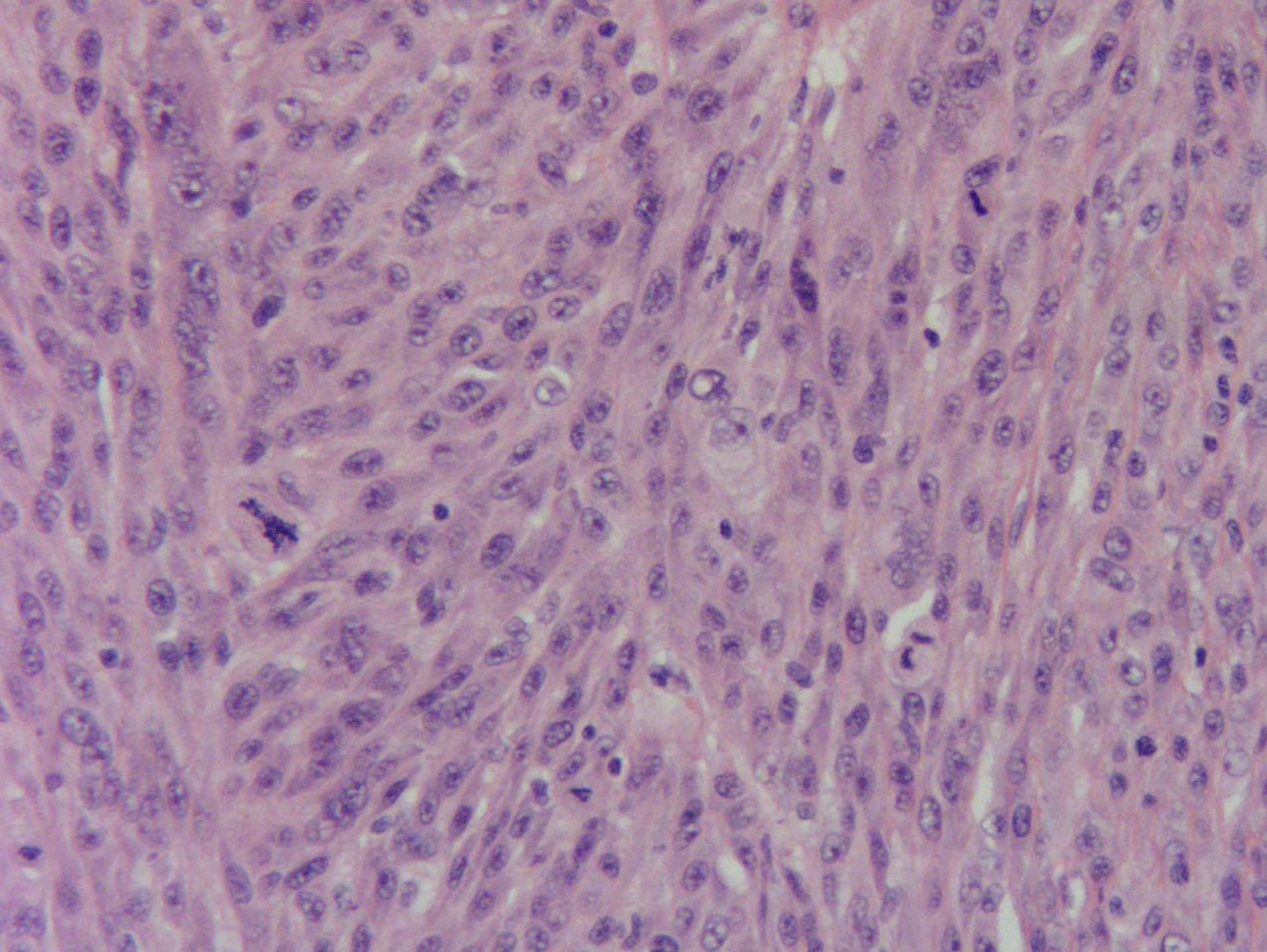
Histopathology

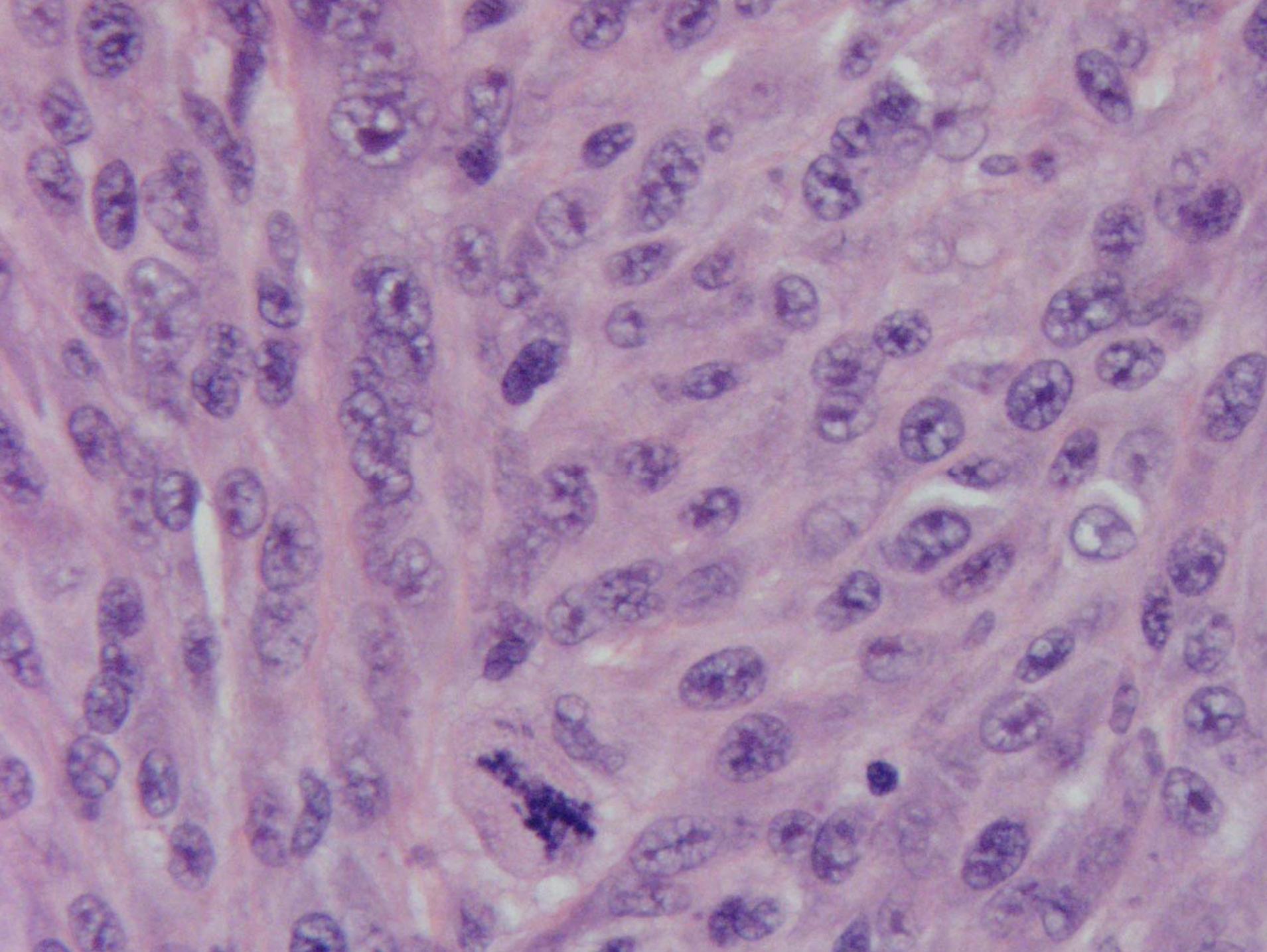


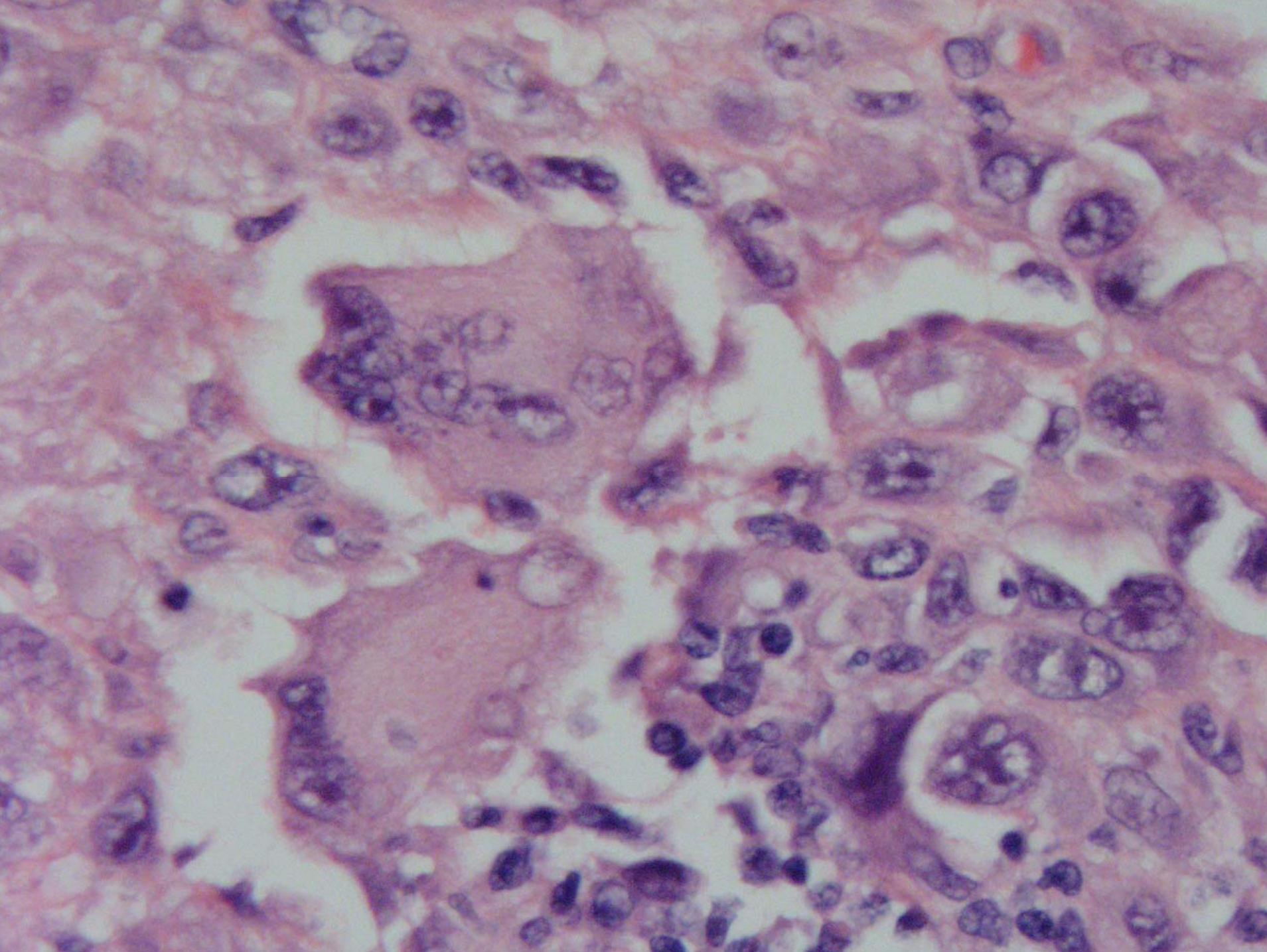
- Angiofibromatous proliferation
- Stellate fibroblasts
- No atypia
- Occasionally melanocytic hyperplasia overlying lesion





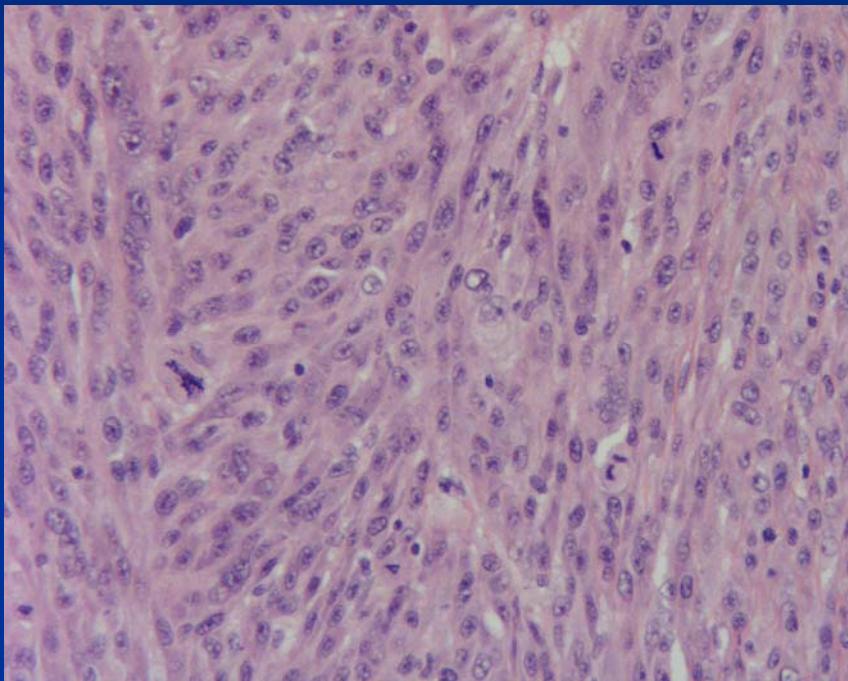




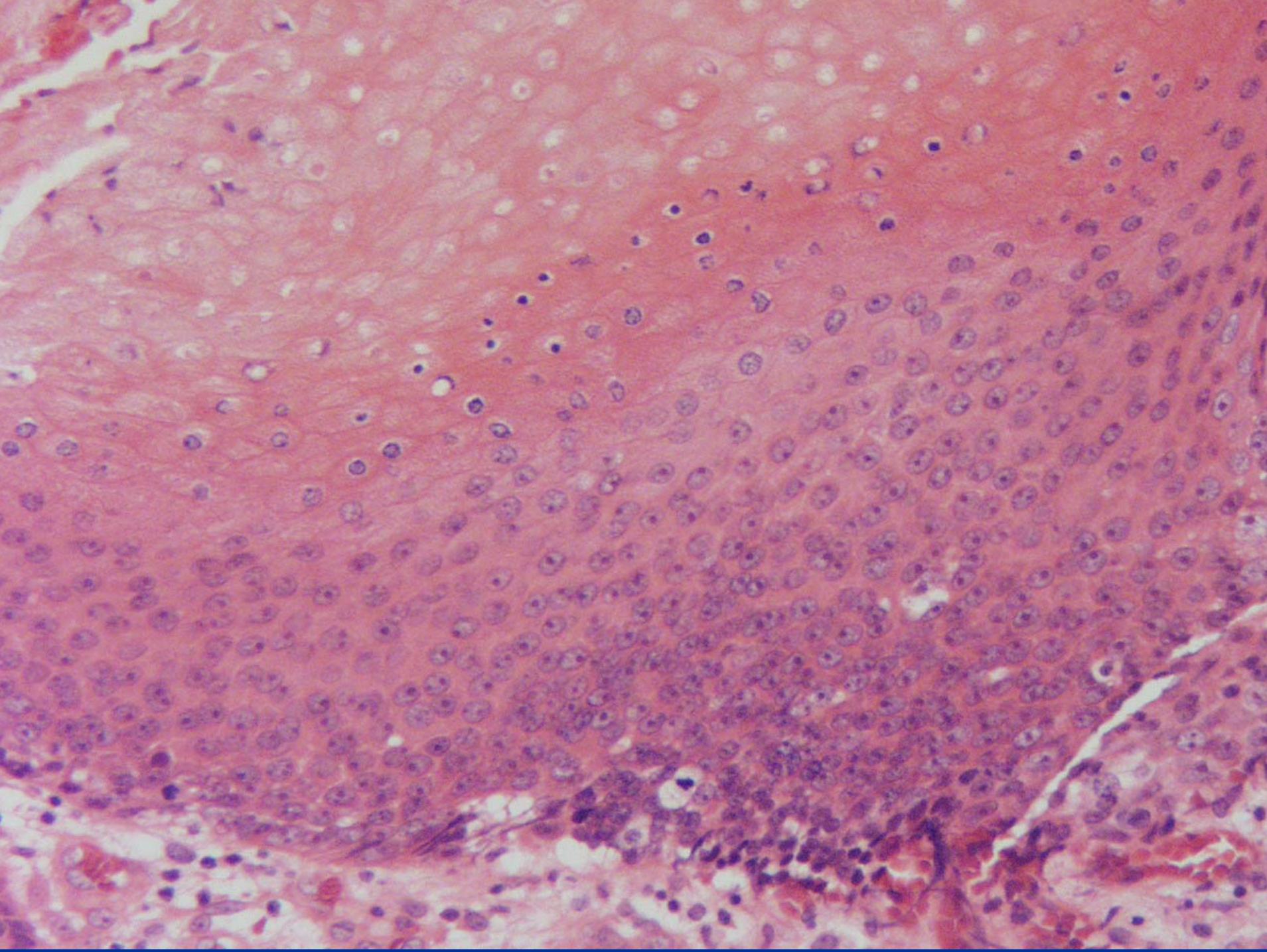


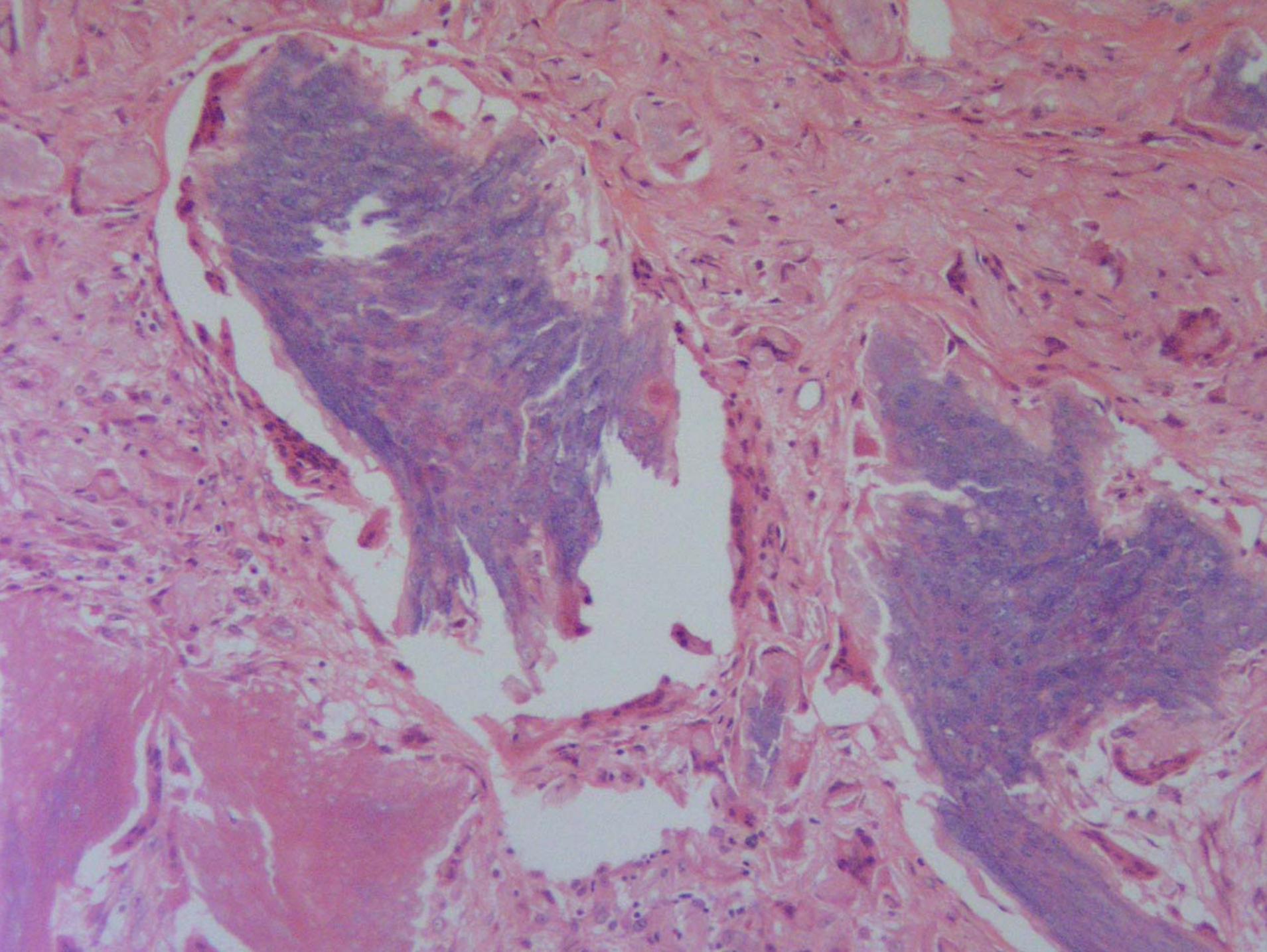
Atypical Fibroxanthoma

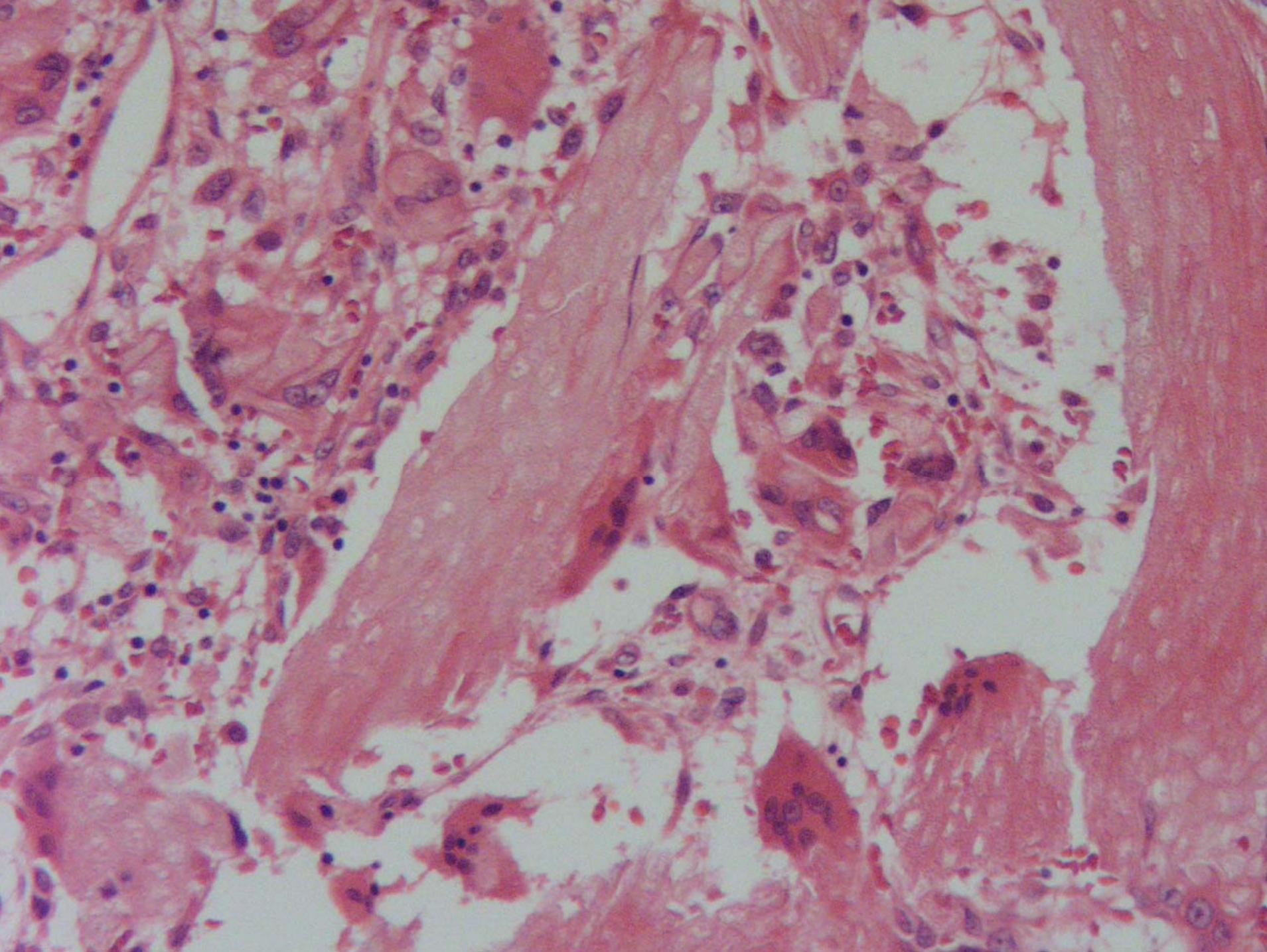
Histopathology

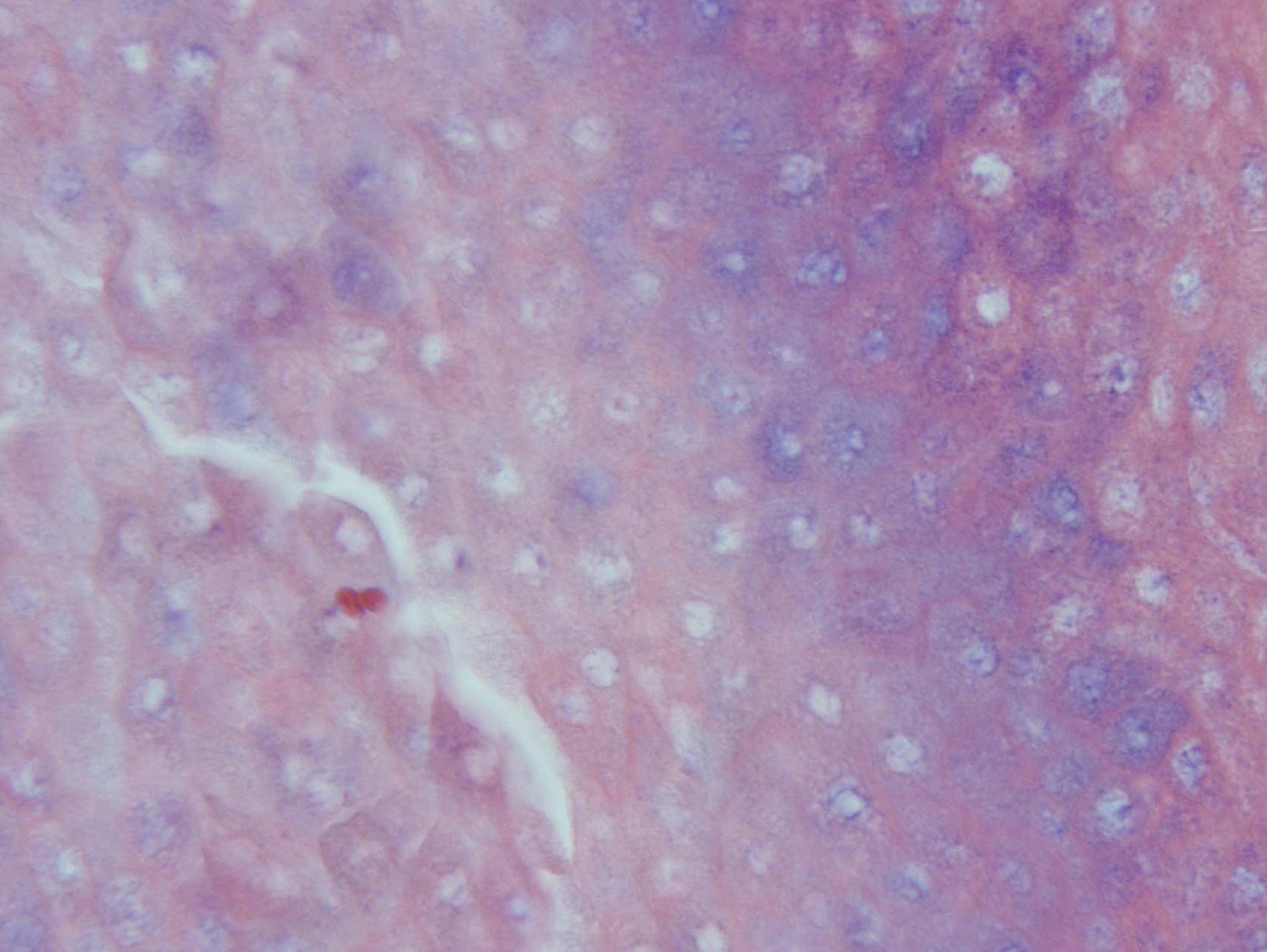


- Pleomorphic spindle and epithelioid cells
- Scattered Giant cells
- Numerous atypical MF
- Usually Vim+, CD68+
- Negative CK, S100
- SMA and FXIIIa variable



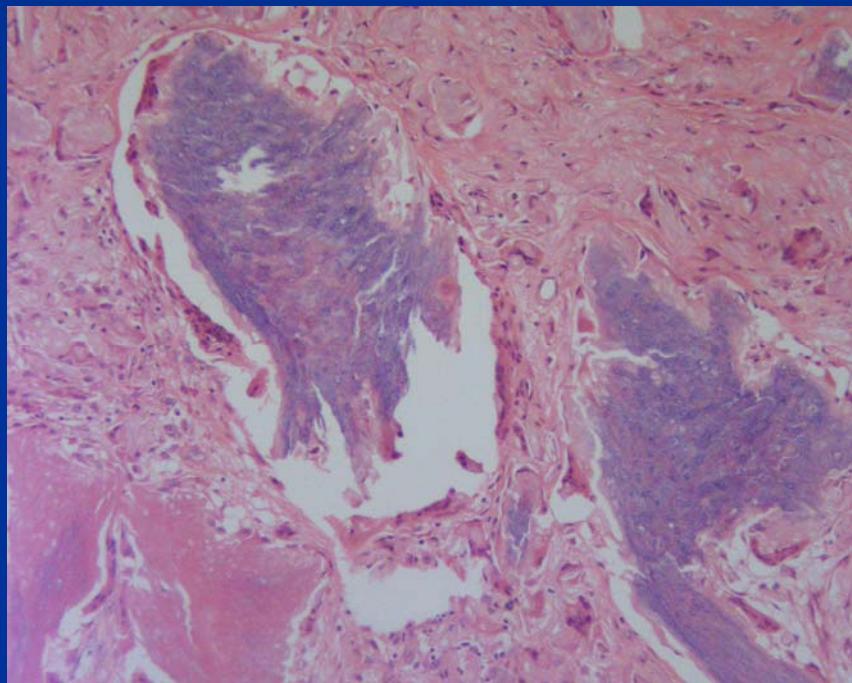




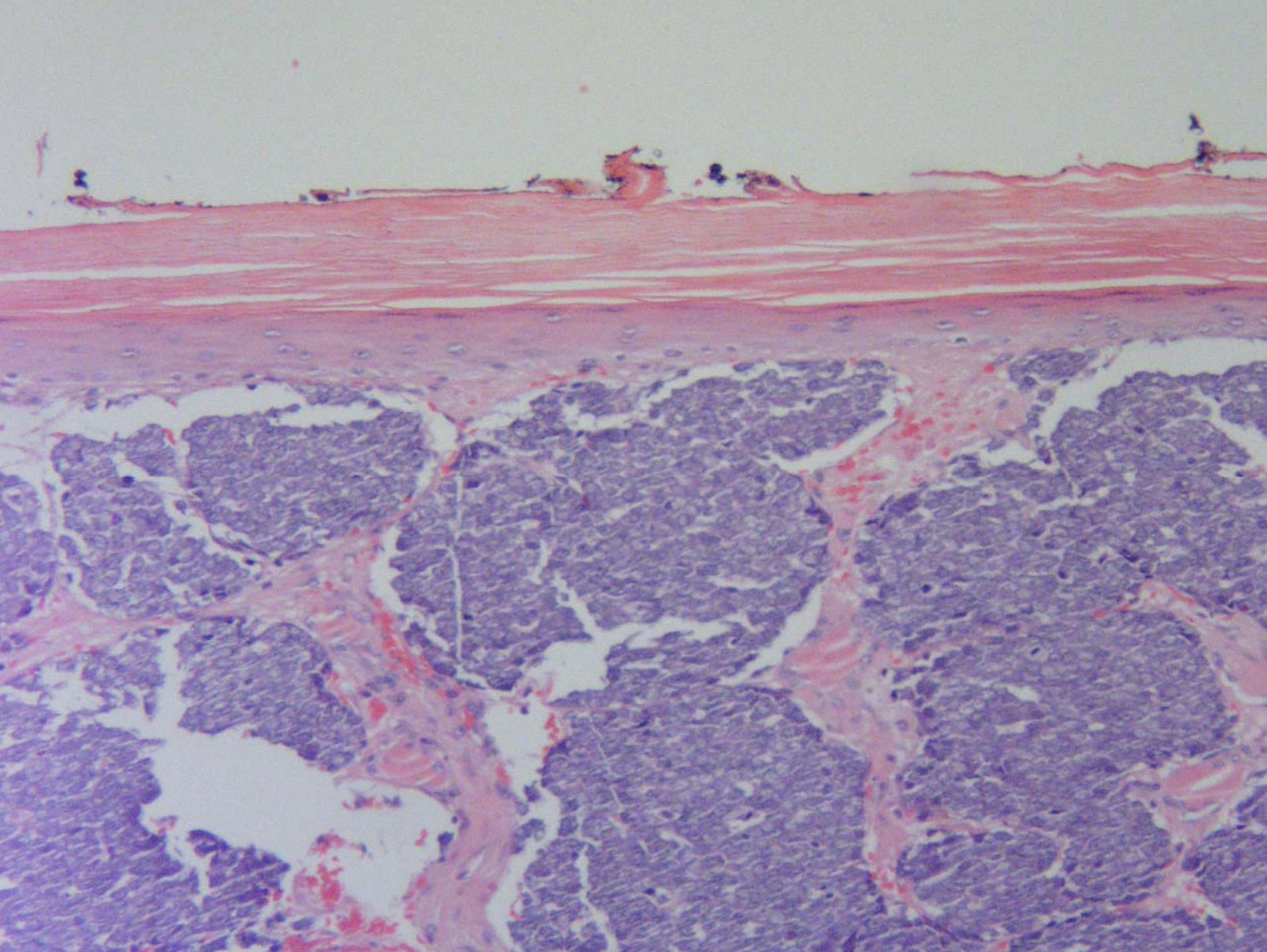


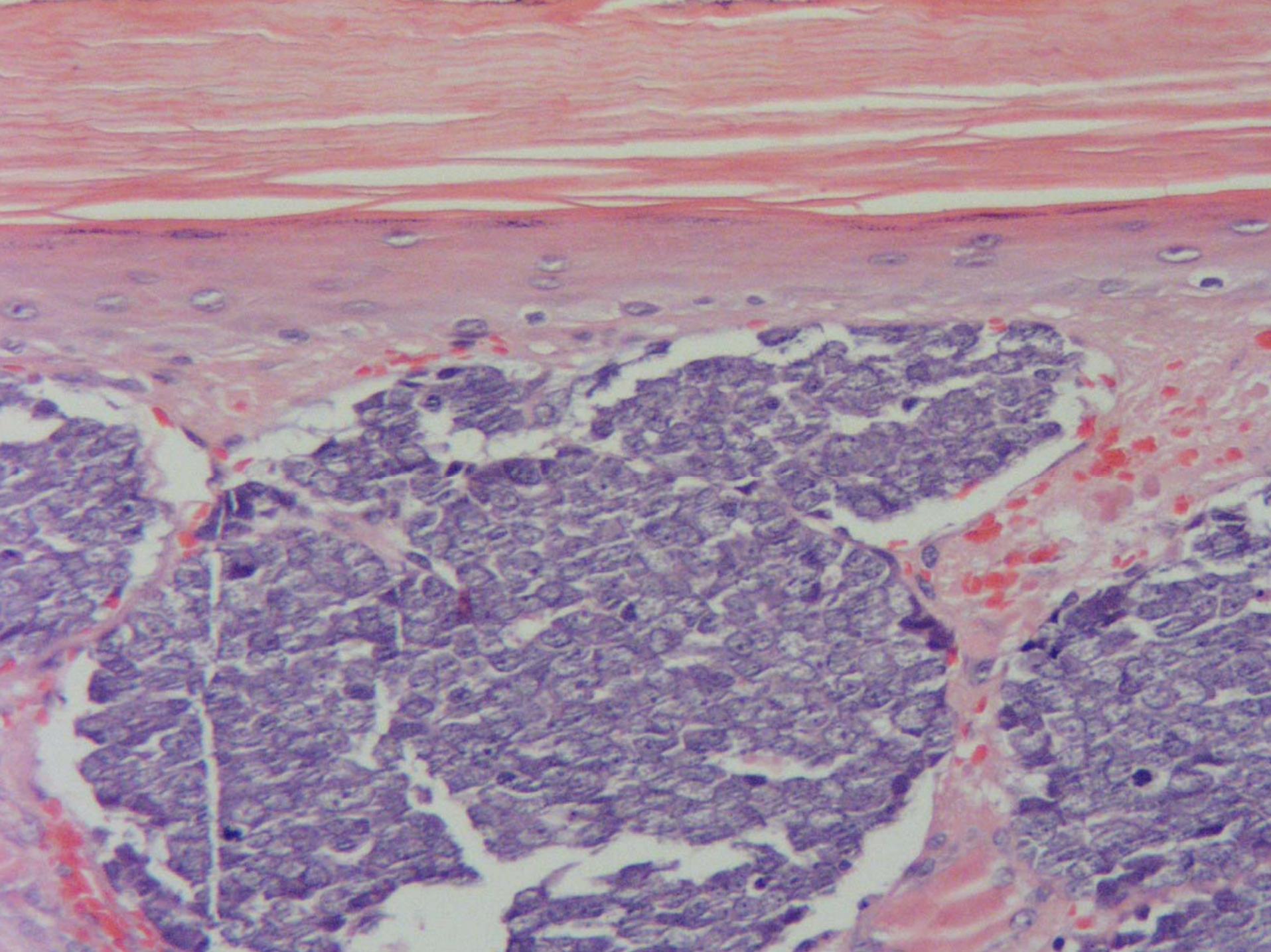
Pilomatricoma

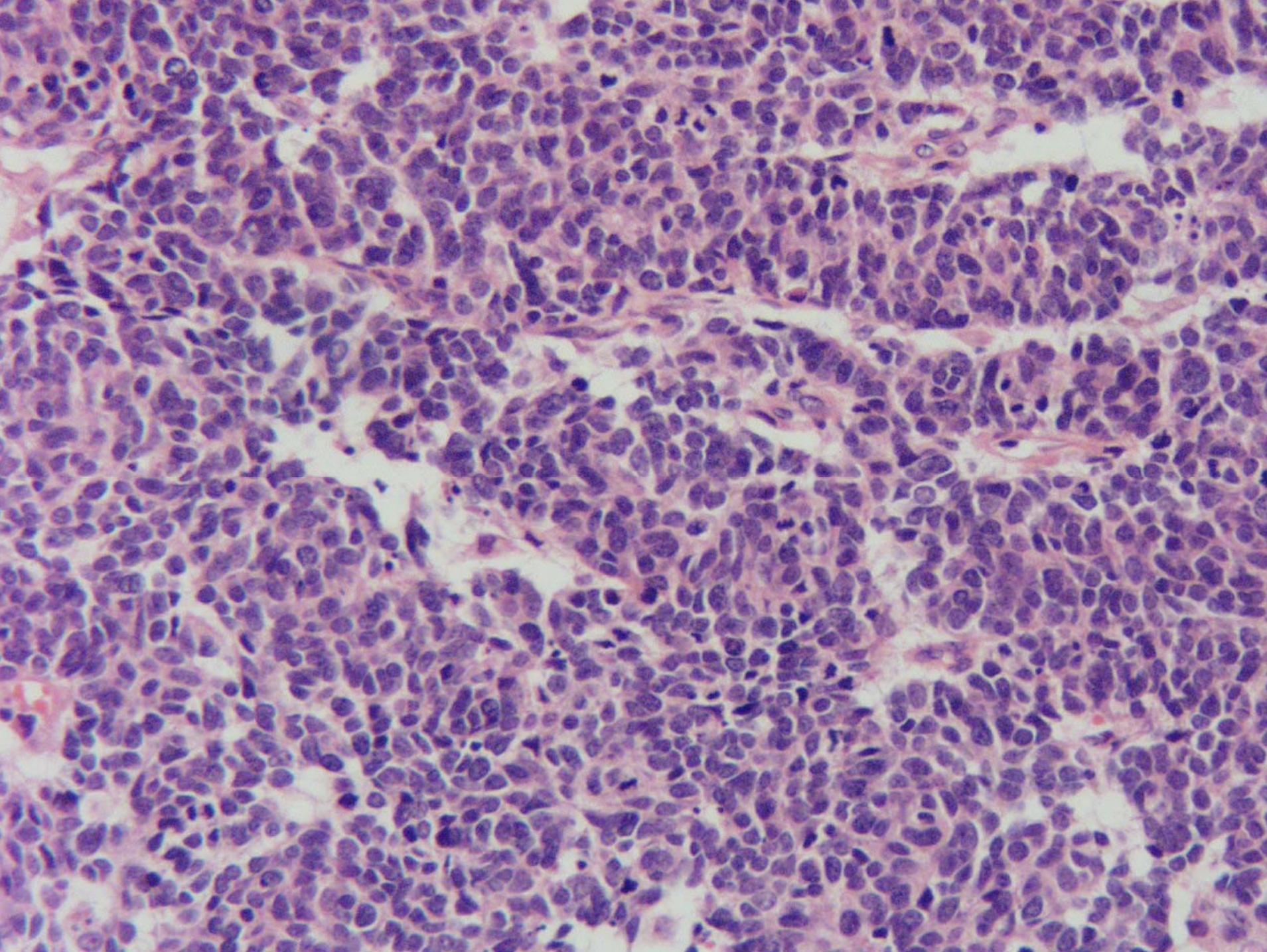
Histopathology

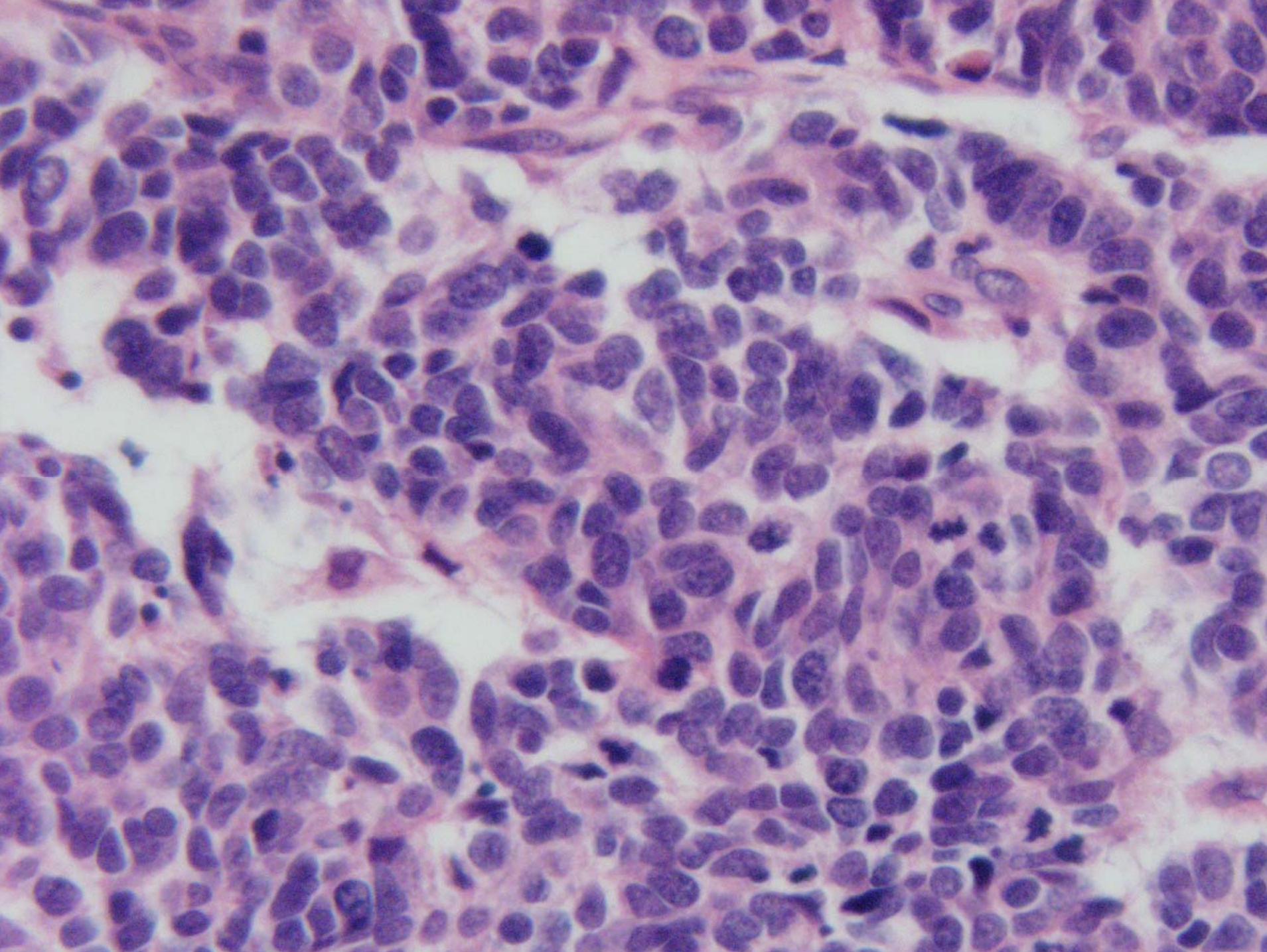


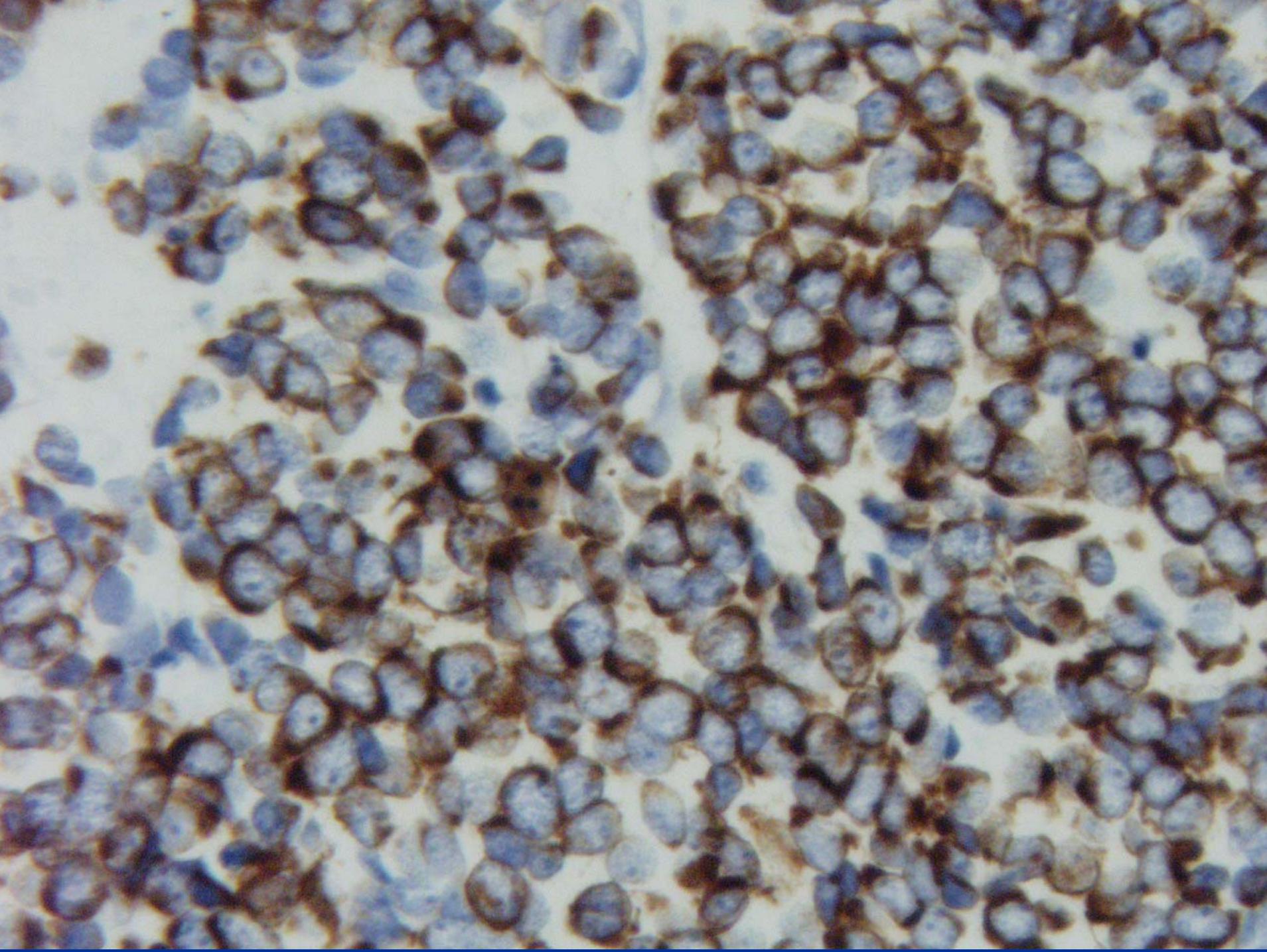
- Ghost cells
- Shadow cells
- Foreign body giant cell reaction
- Keratin and cholesterol clefts
- Calcifications
- Beware small samples





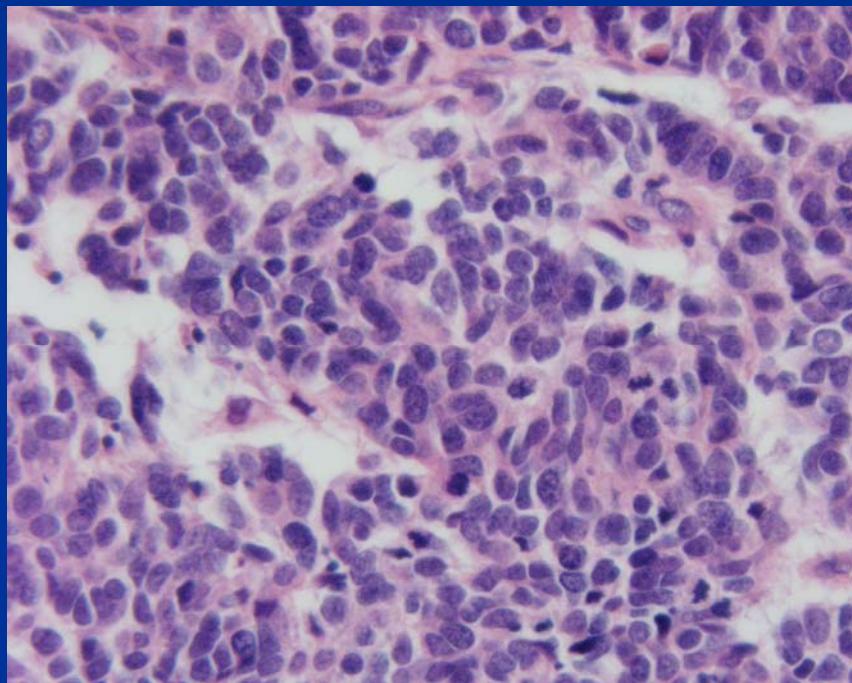




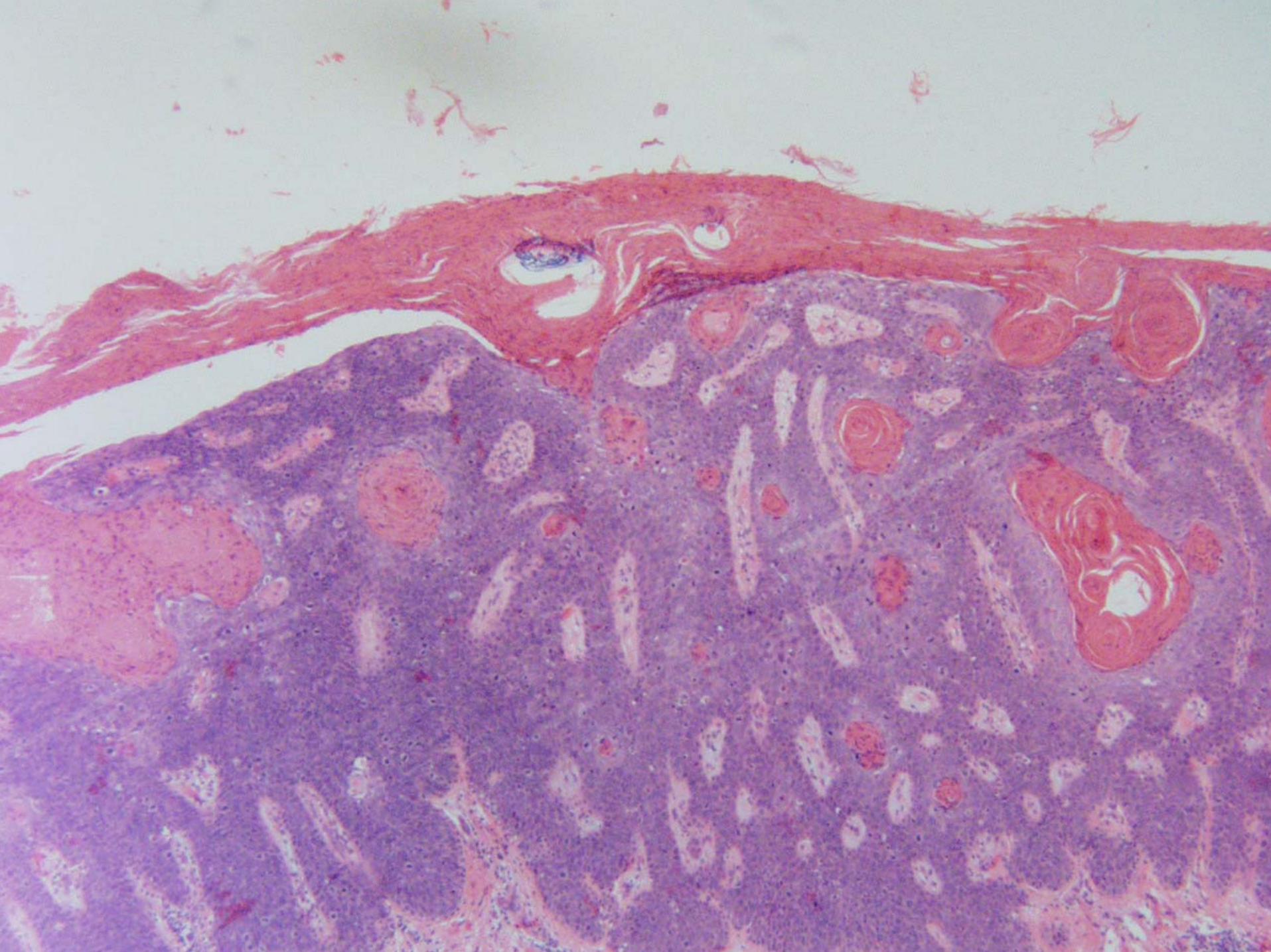


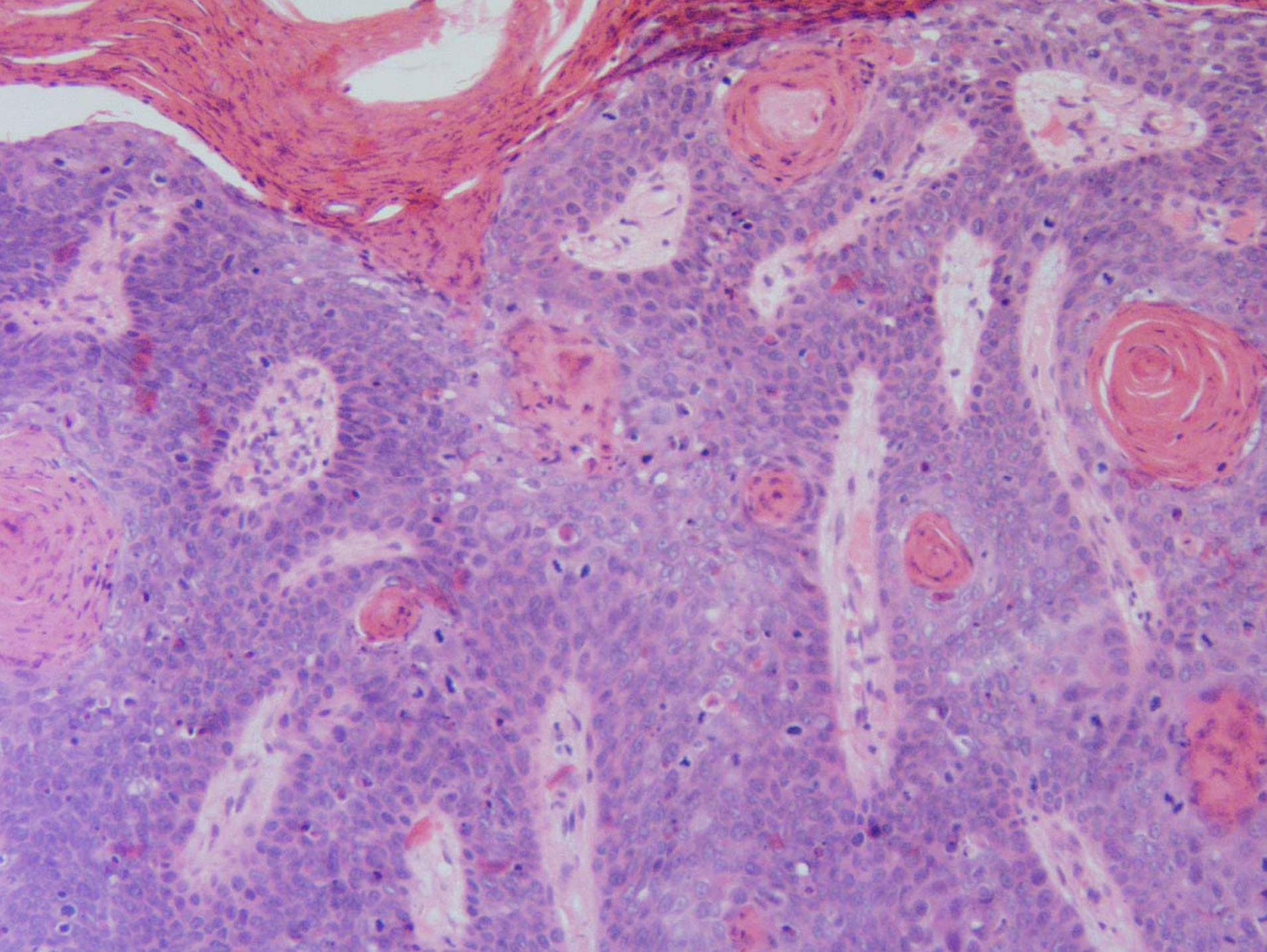
Merkel Cell CA

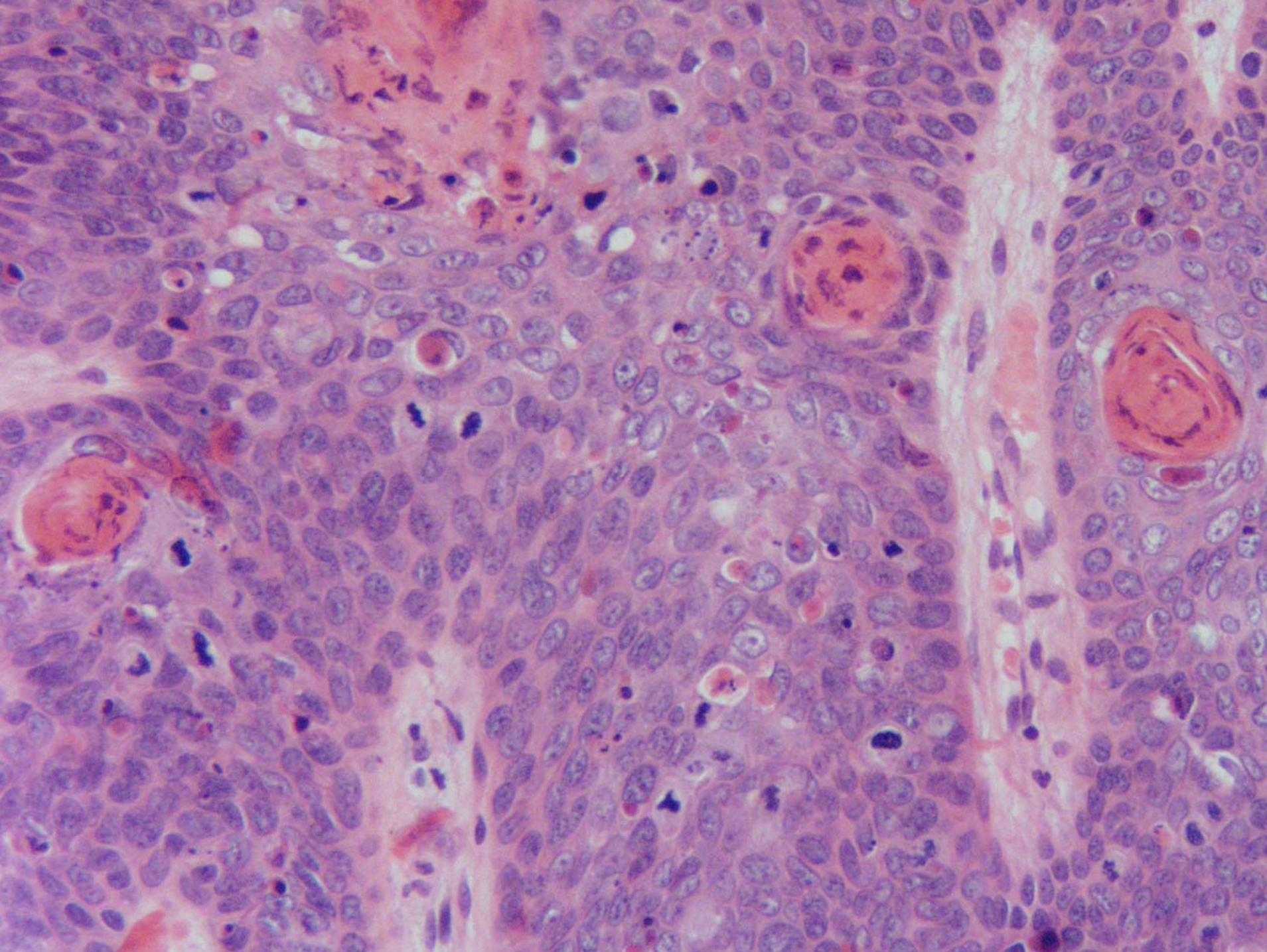
Histopathology

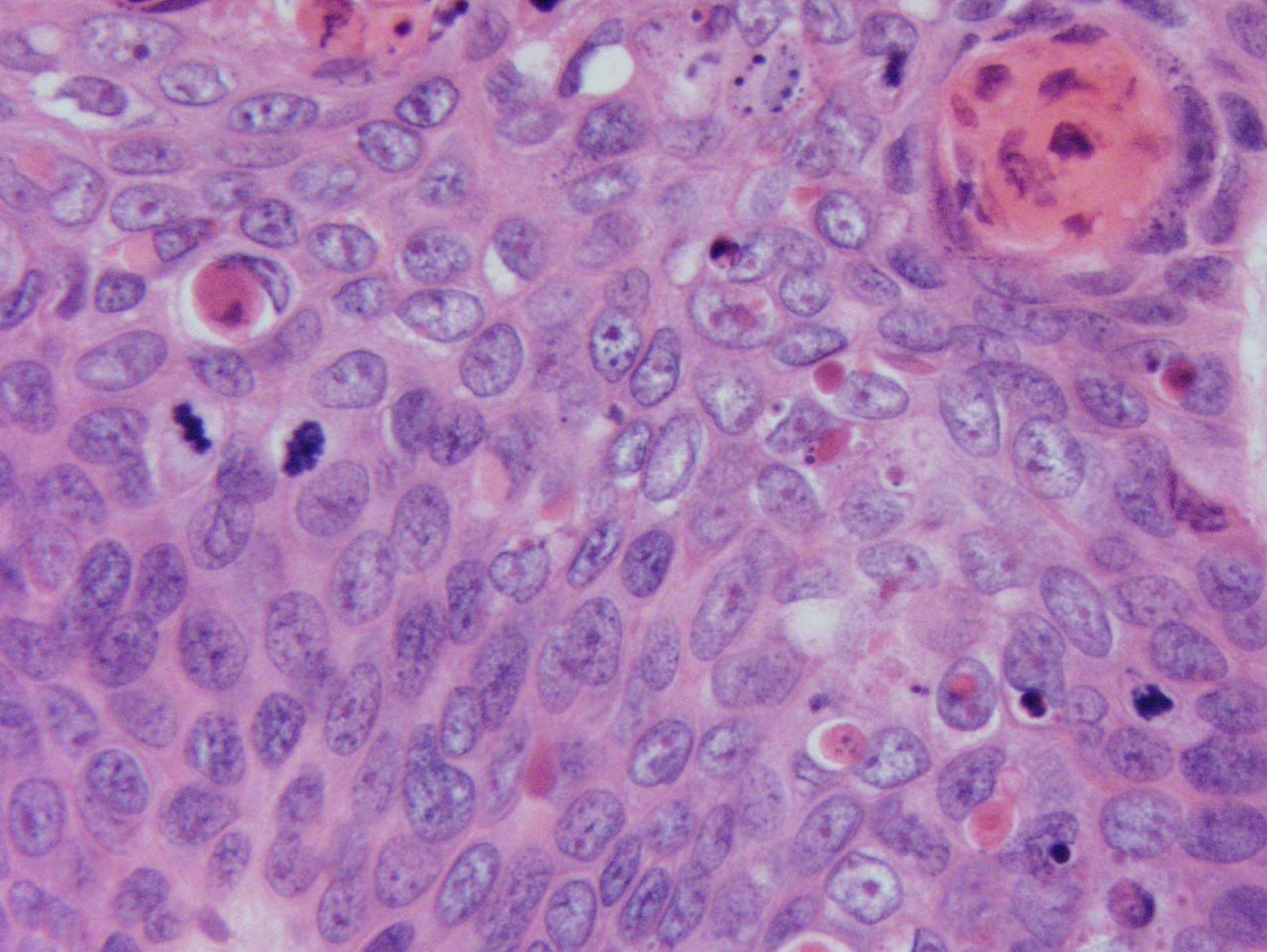


- Small round blue cells
- High mitotic rate
- Nuclear molding
- Stippled chromatin
- Epidermal involvement occasionally
- Paranuclear dot-like reactivity for CK20, CK



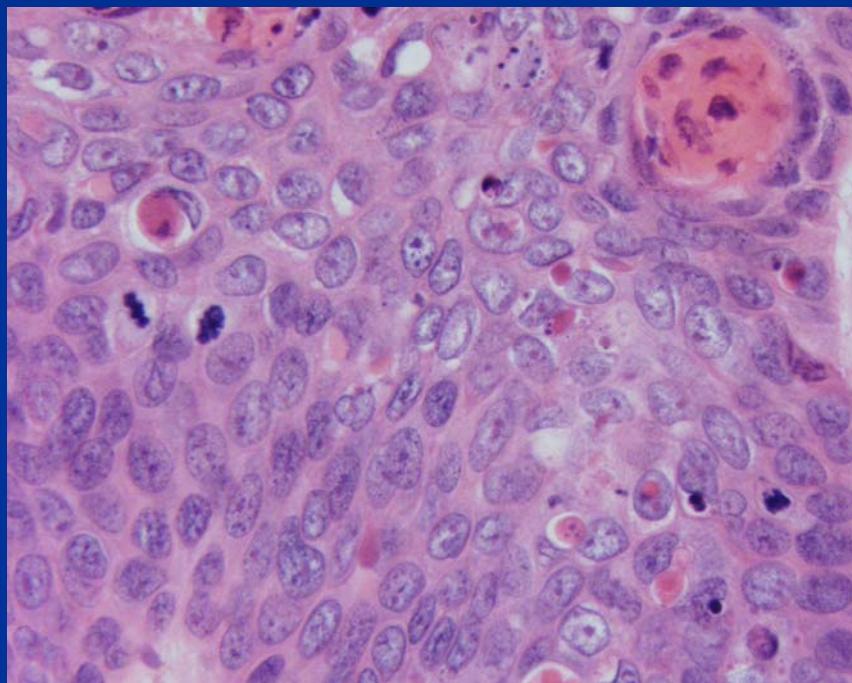




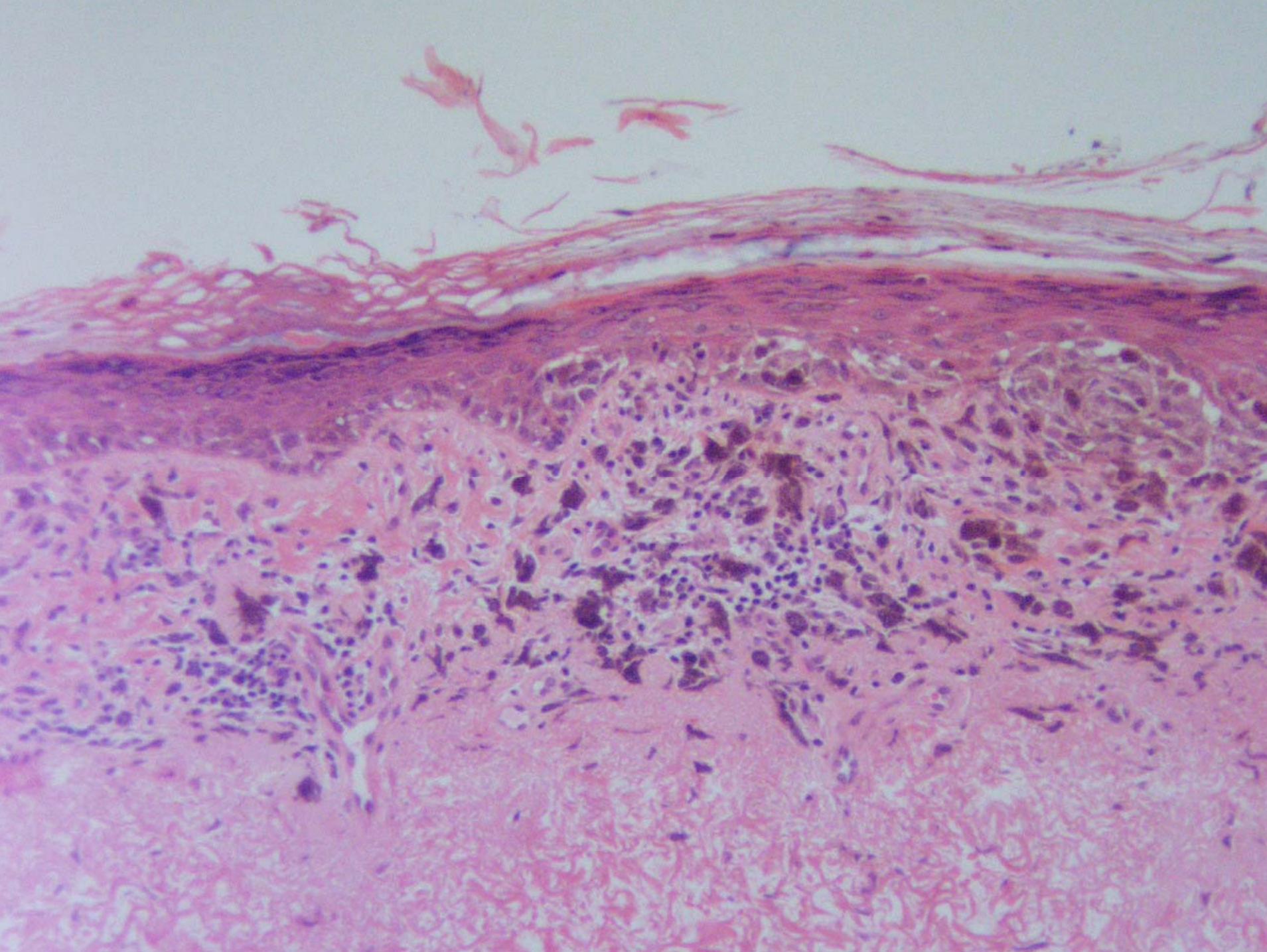


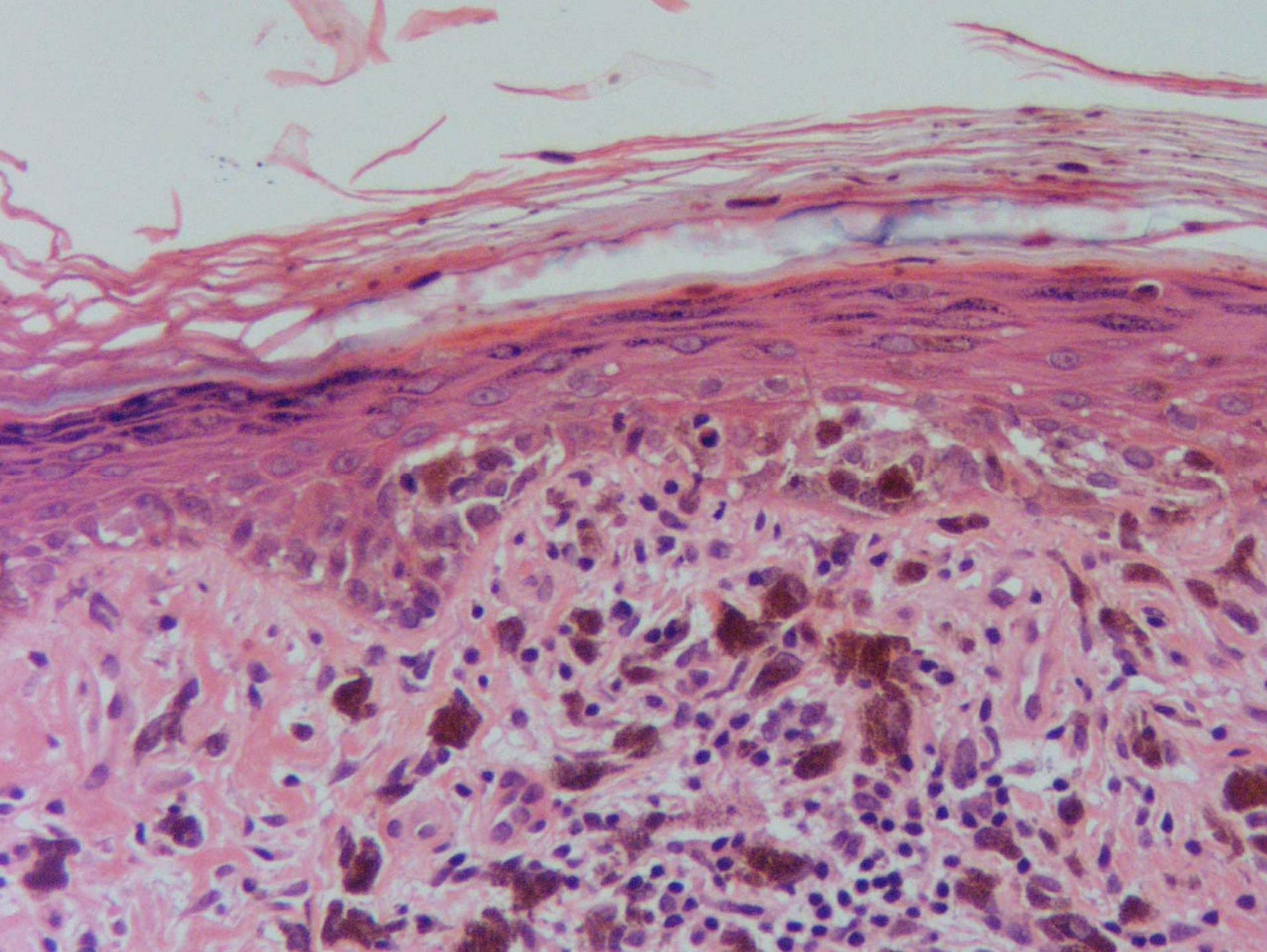
Bowen's Disease

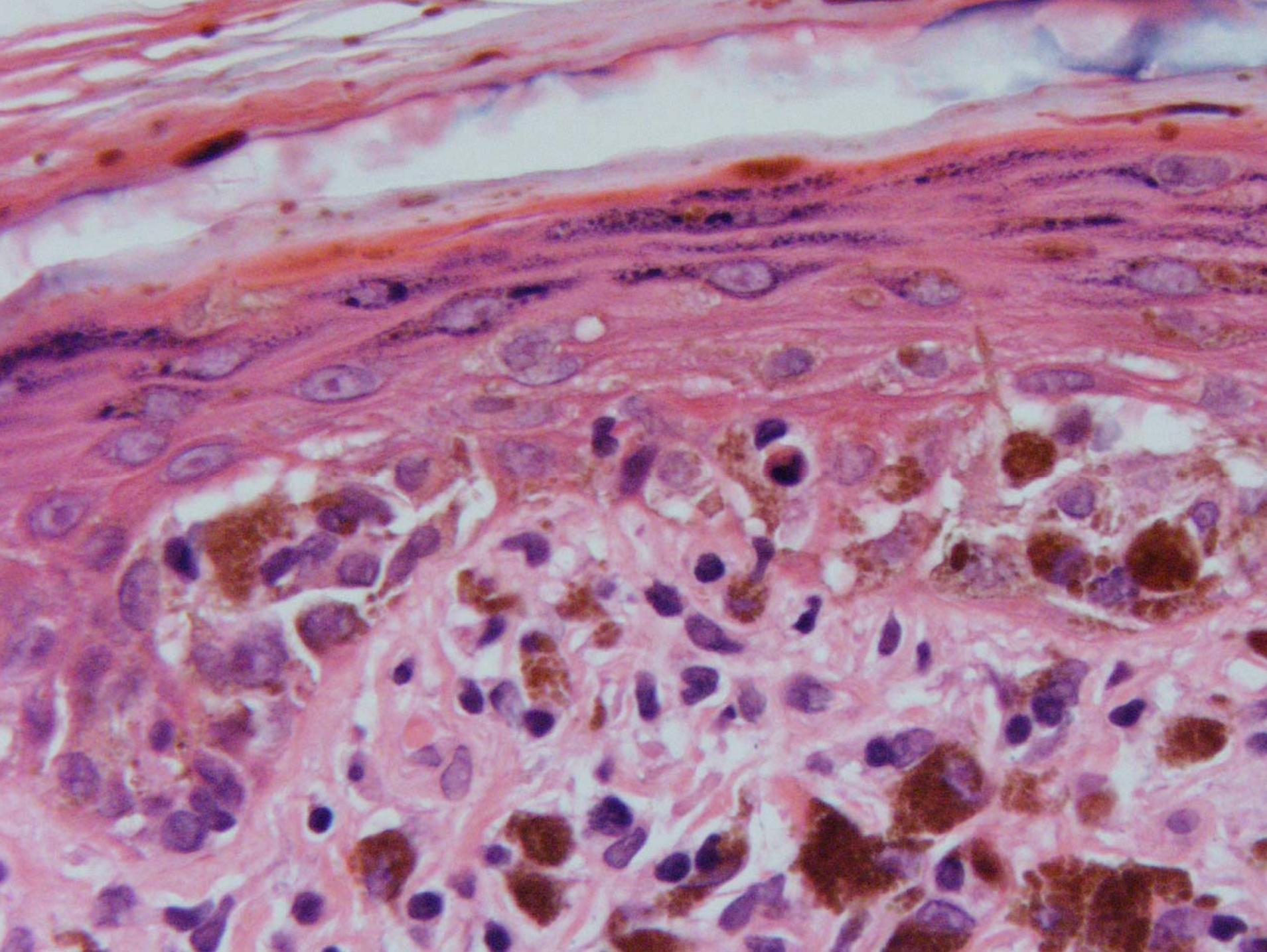
Histopathology



- Full thickness replacement of epidermis
- Loss of maturation
- No follicular sparing
- Dyskeratosis
- Atypical mitotic figures

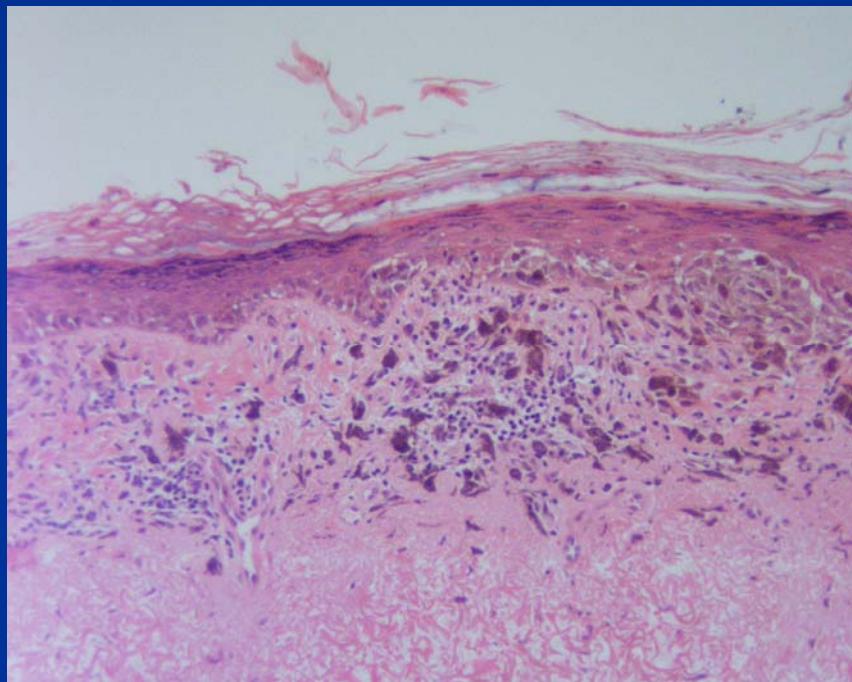




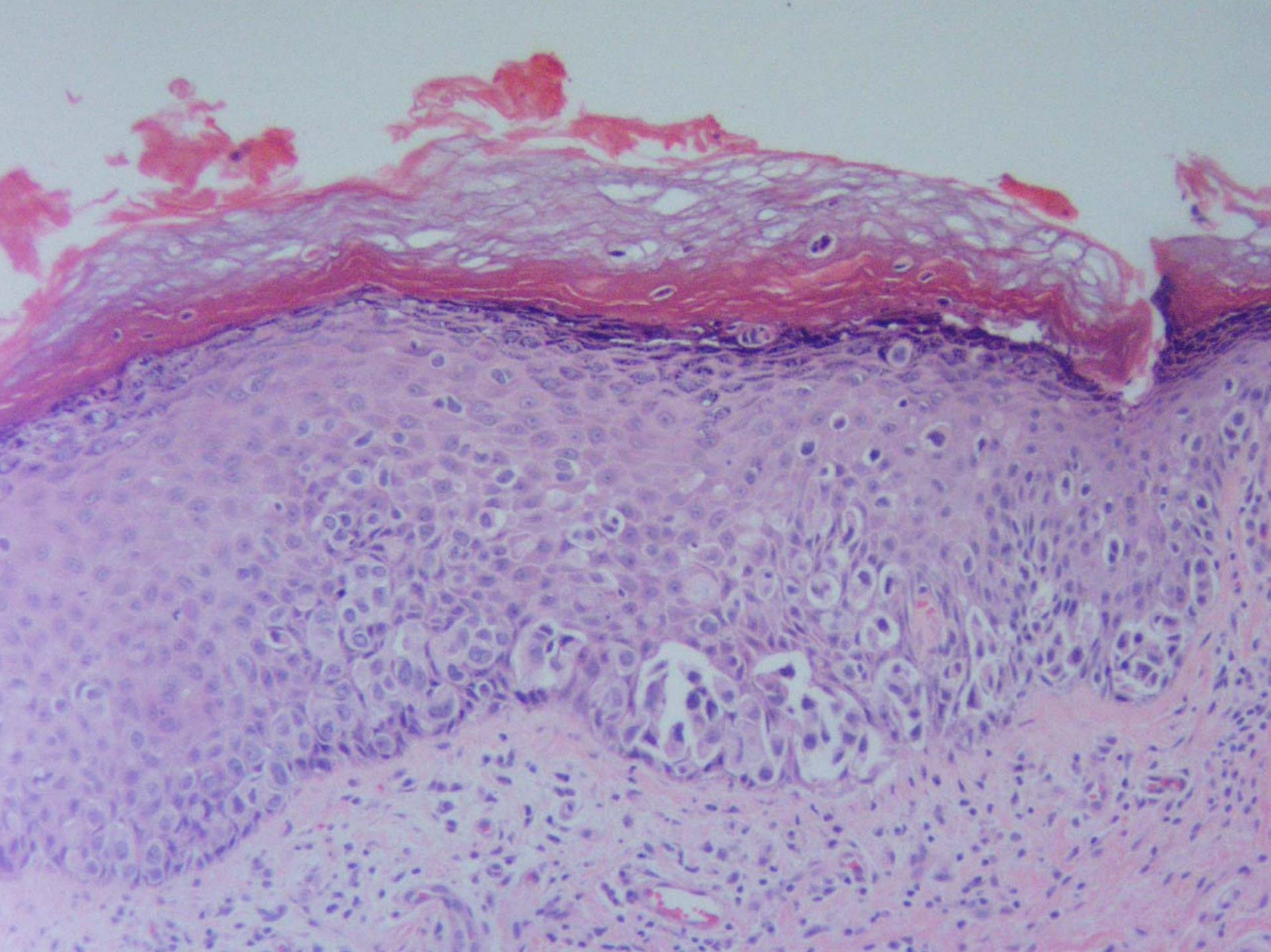


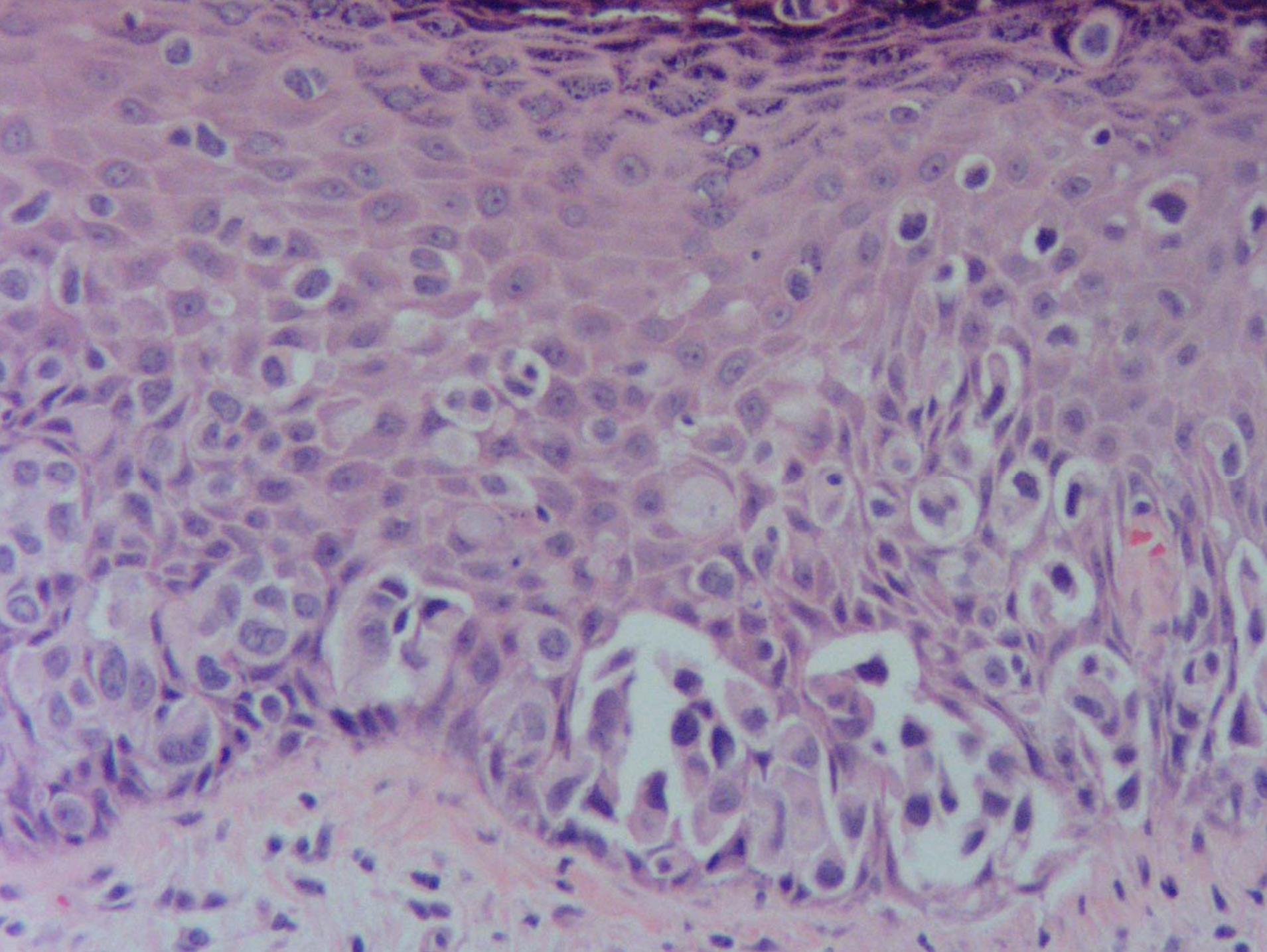
Malignant Melanoma in Situ

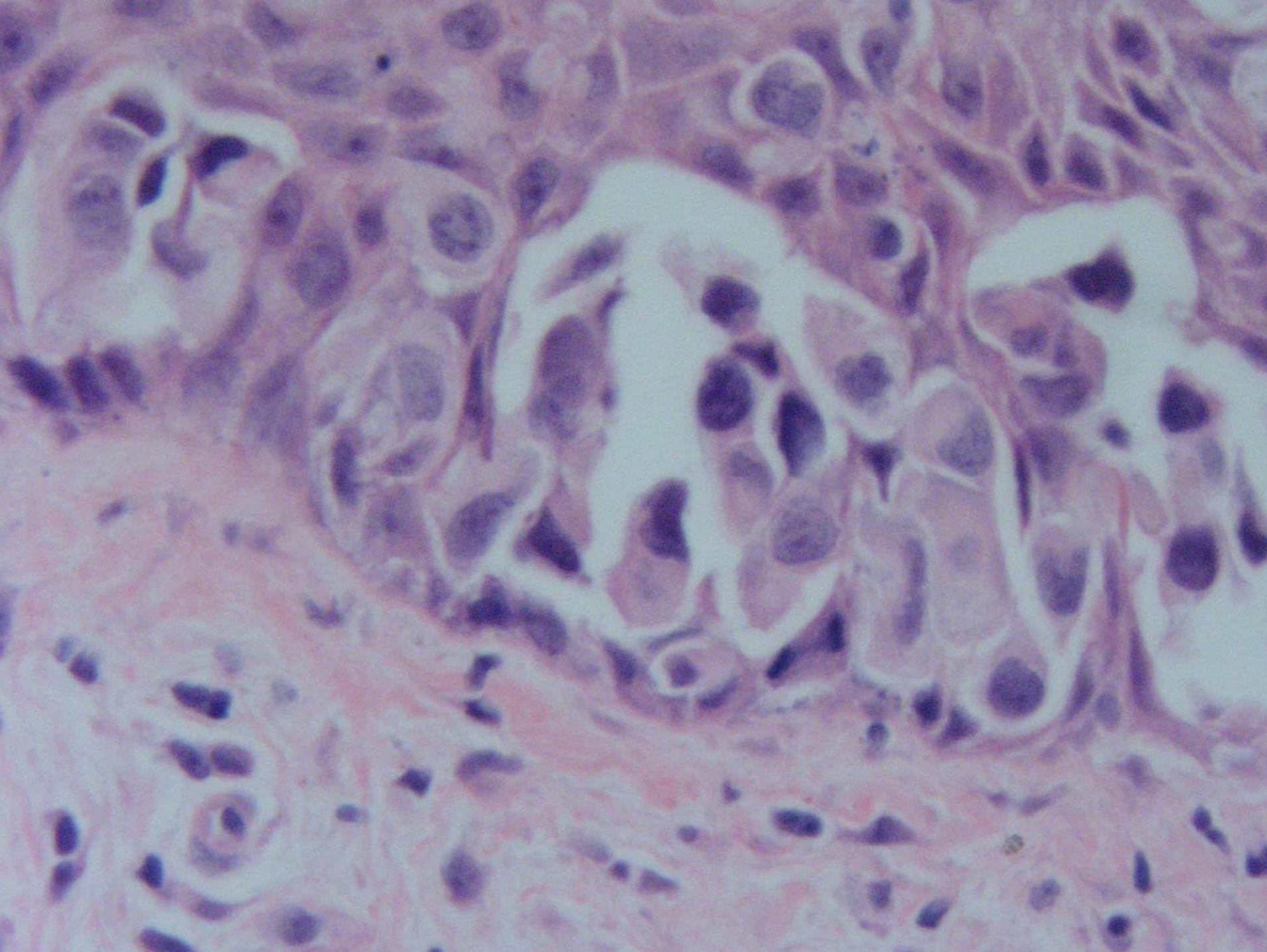
Melanoma in Situ

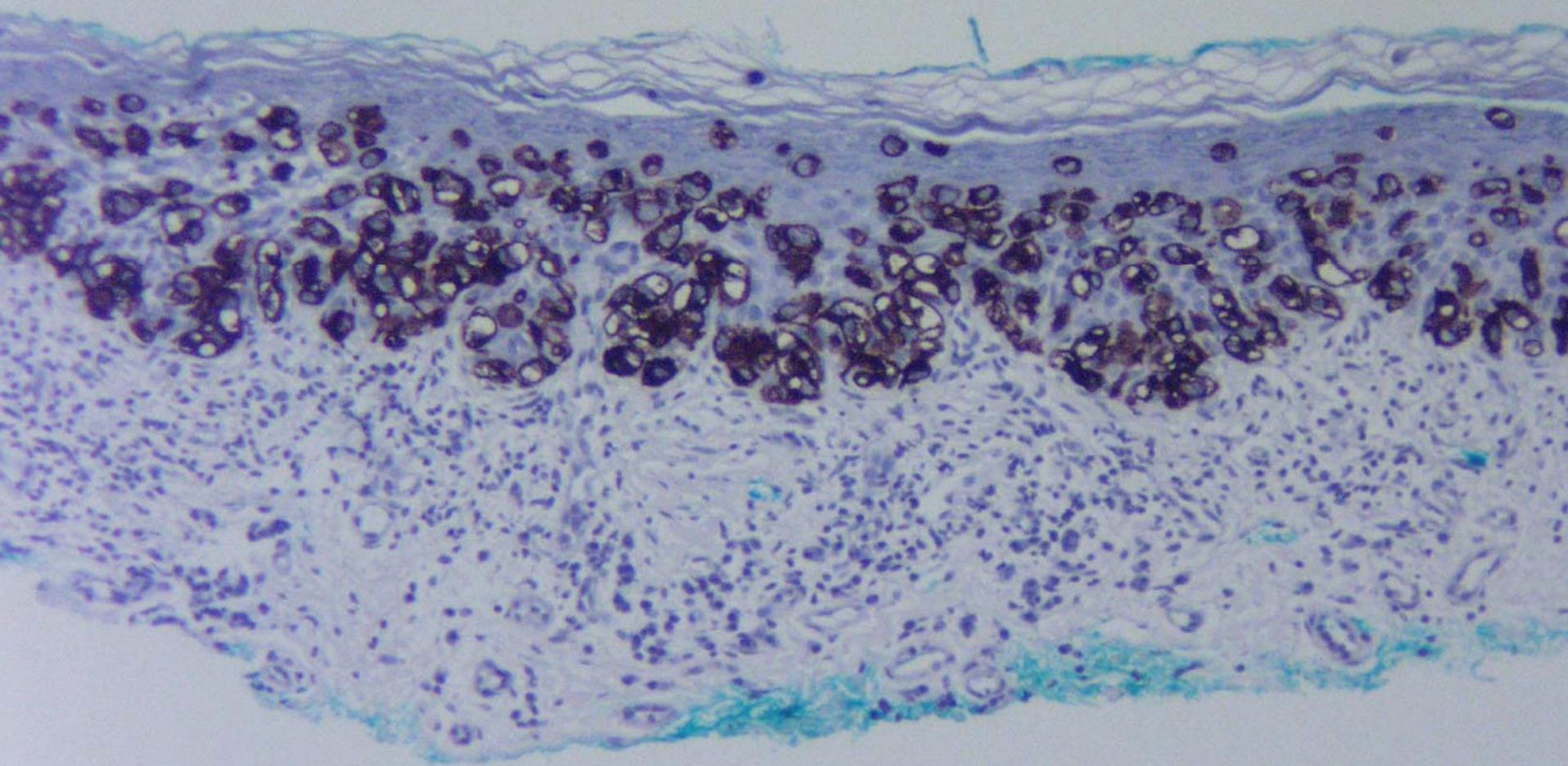


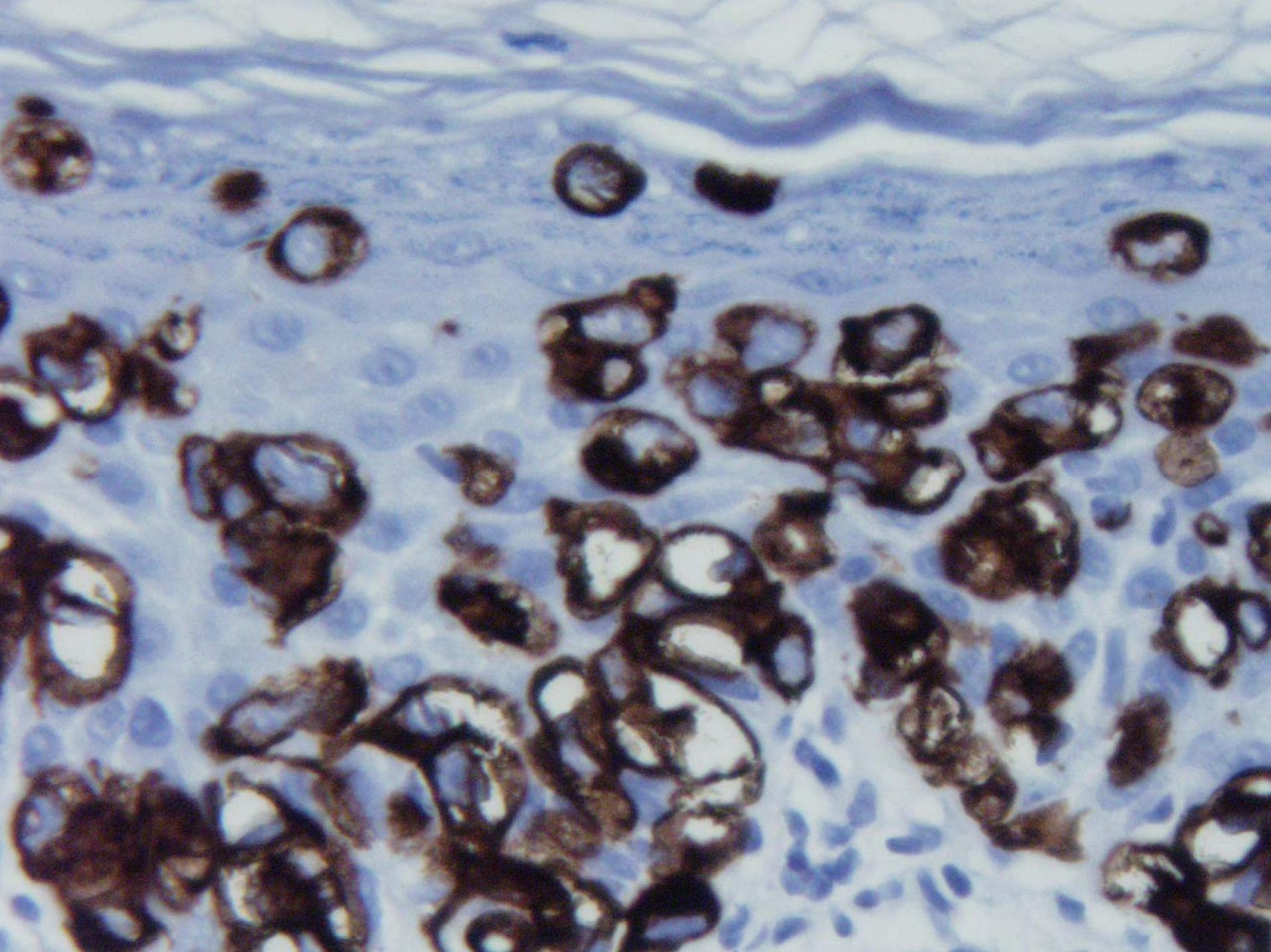
- Epidermal thinning on sun-damaged skin
- Increased atypical melanocytes at DEJ
- Dyscohesive clefting
- Adnexal involvement
- Starburst cells





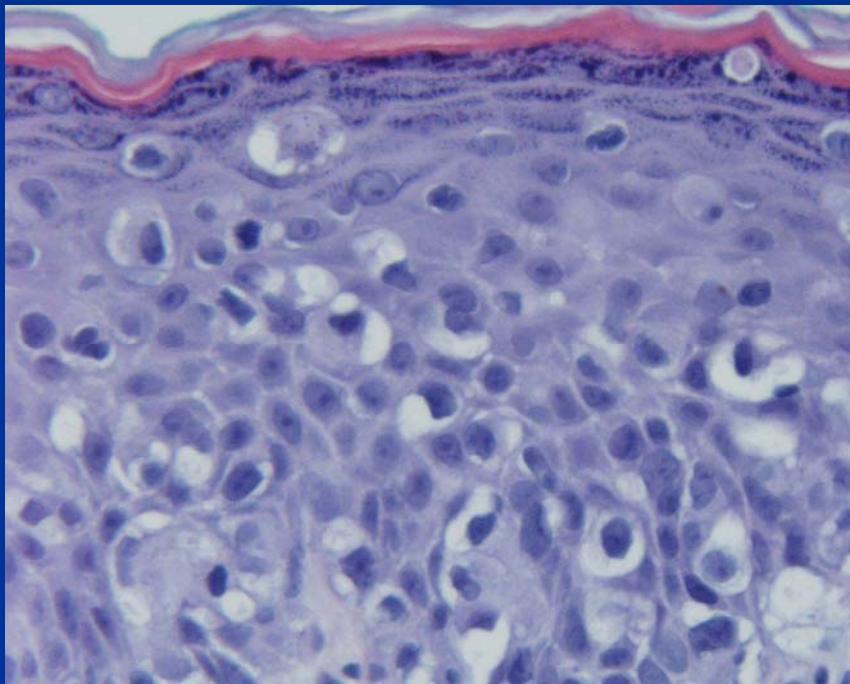




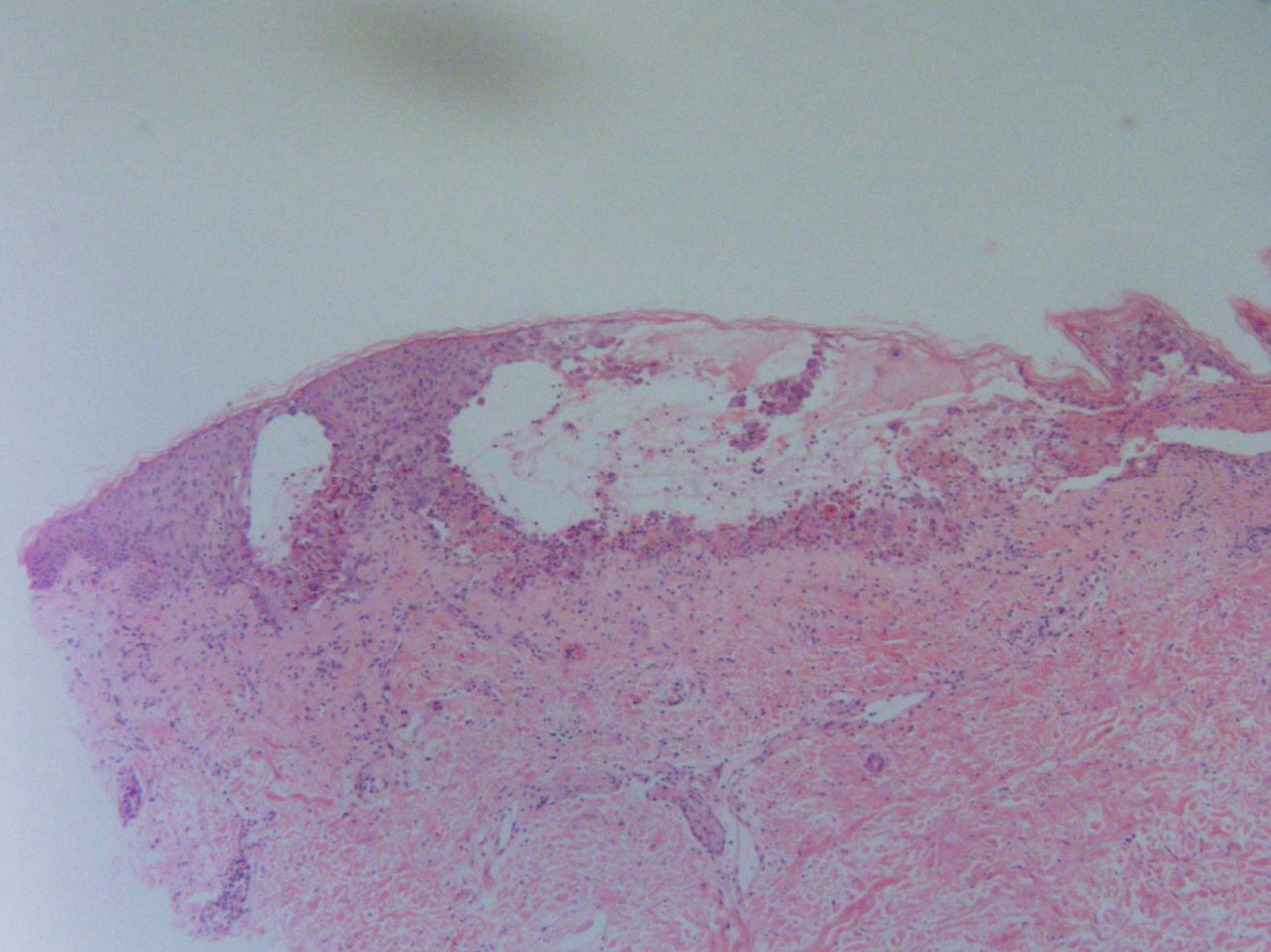


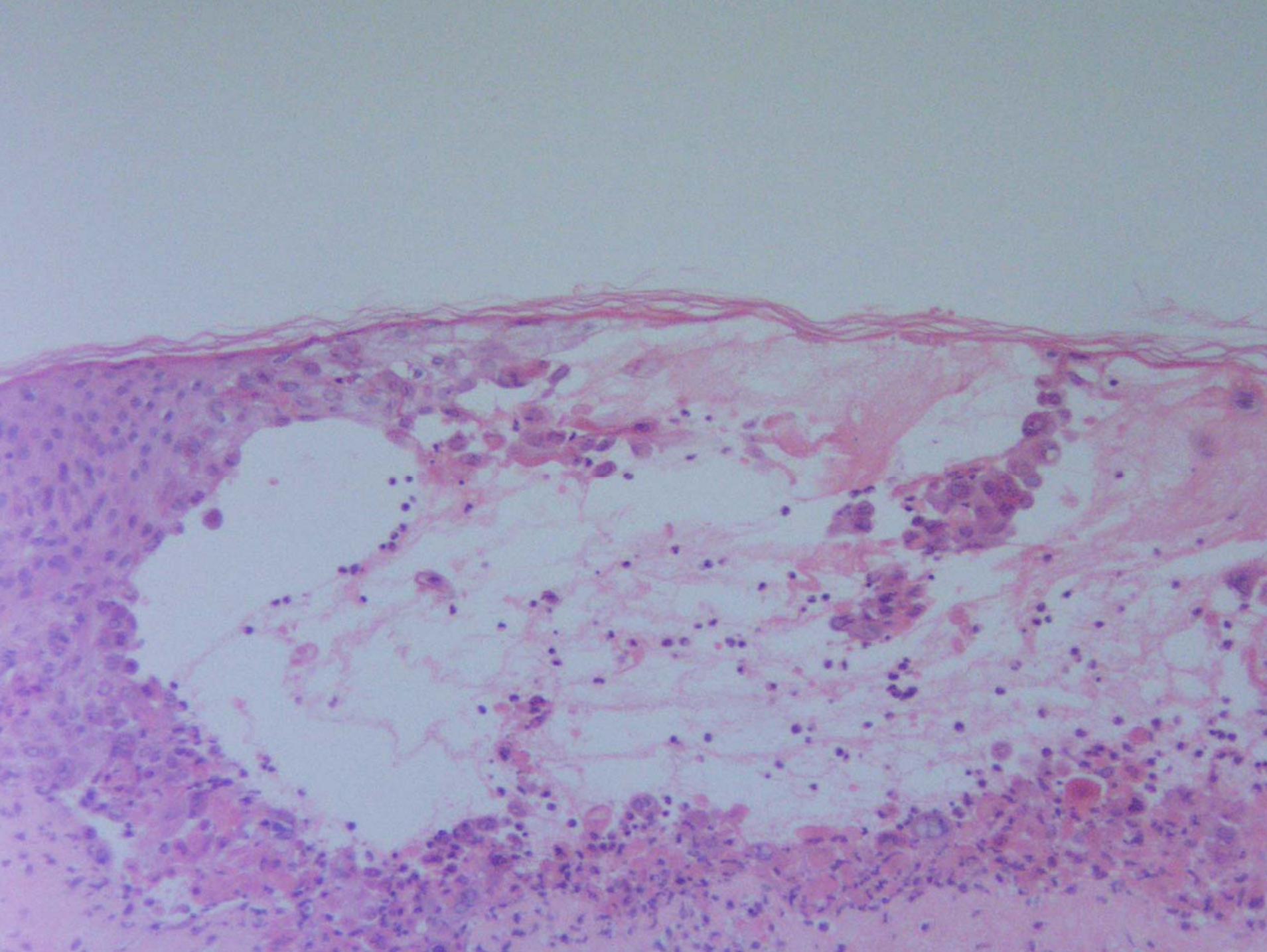
Extramammary Paget's Disease

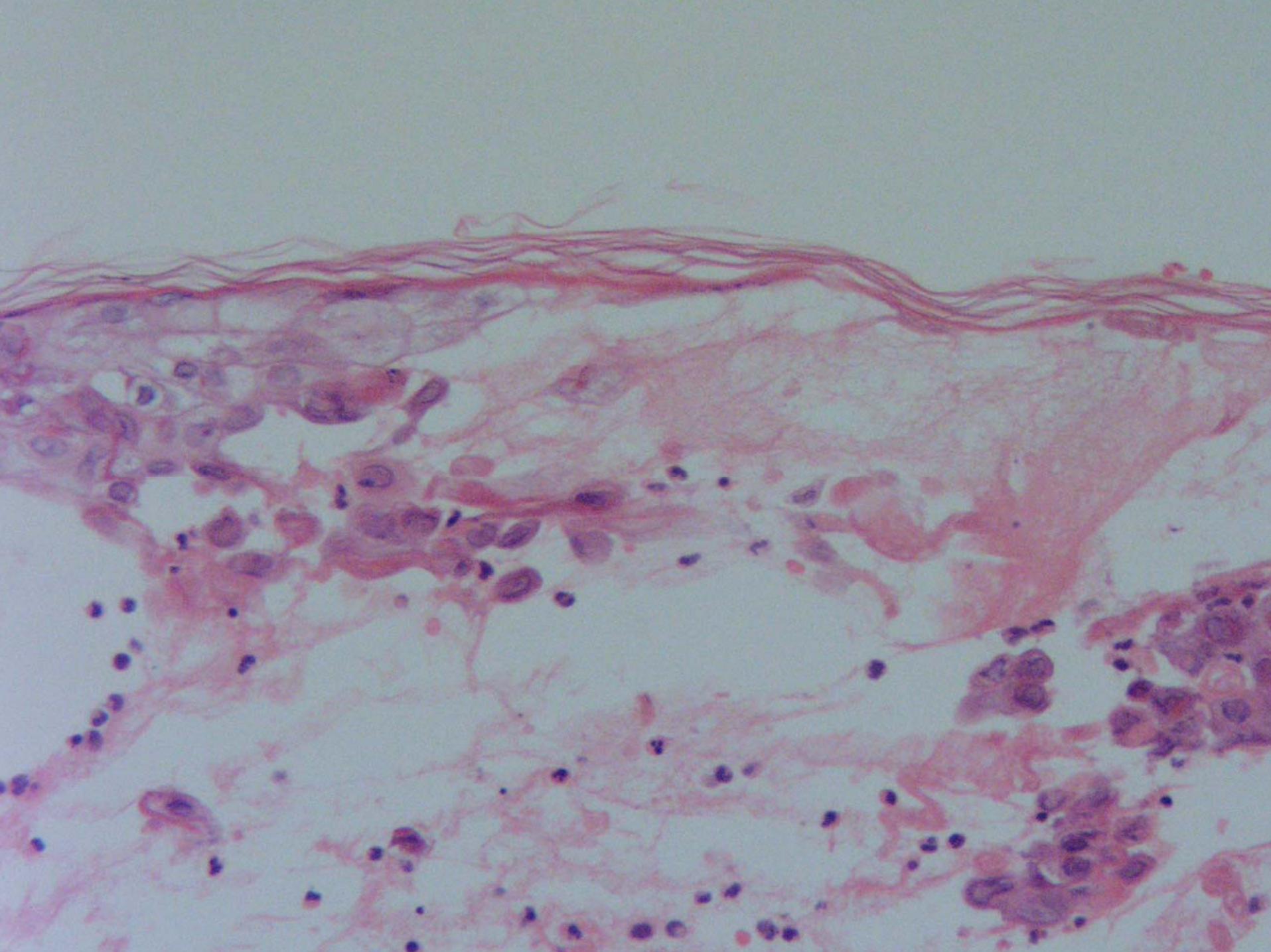
Histopathology

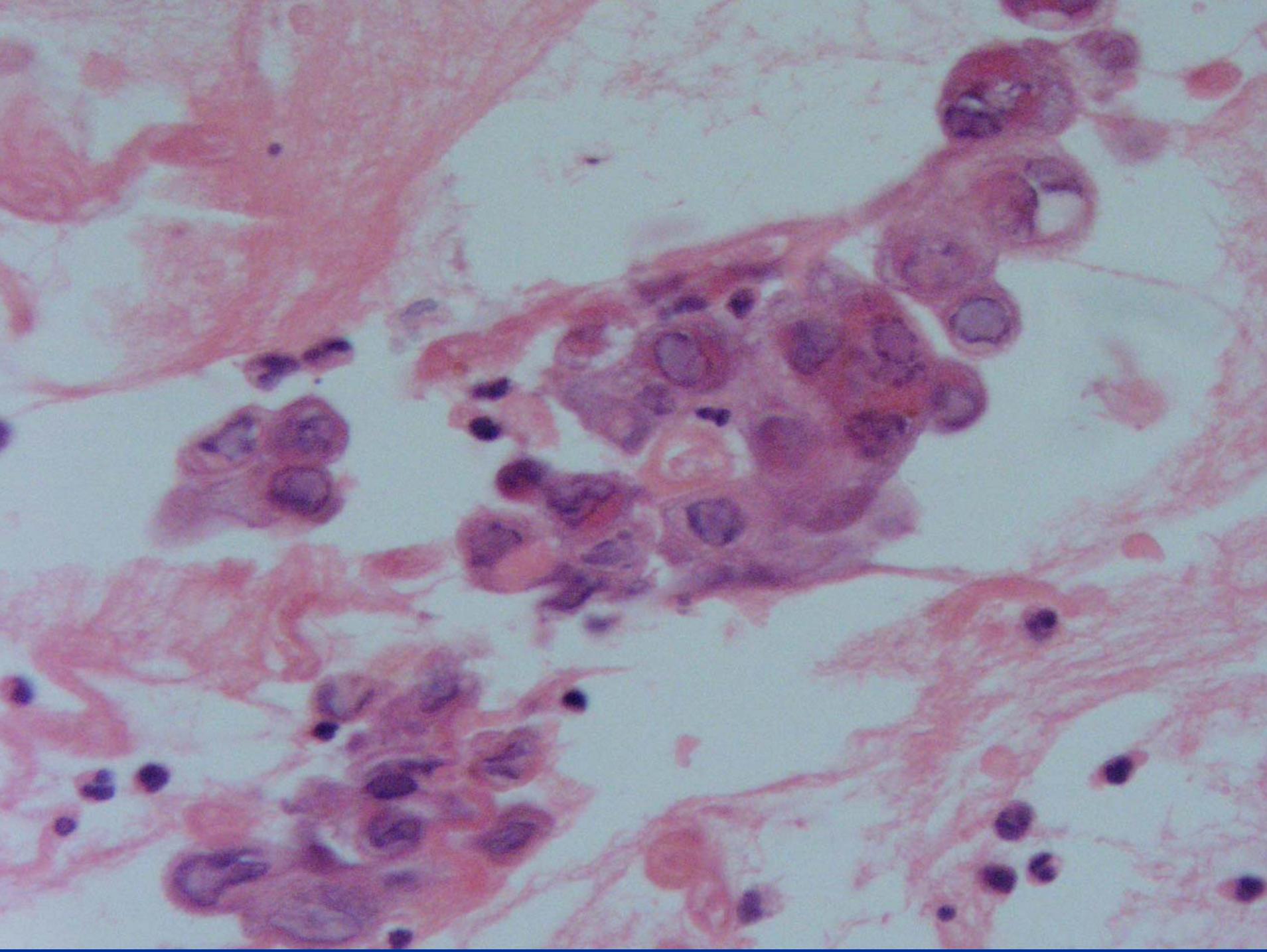


- Intraepithelial scatter of pleomorphic cells
- Occasionally glandular lumina formation
- Rule out invasion and mets to skin
- CK7, EMA, mucicarmine +



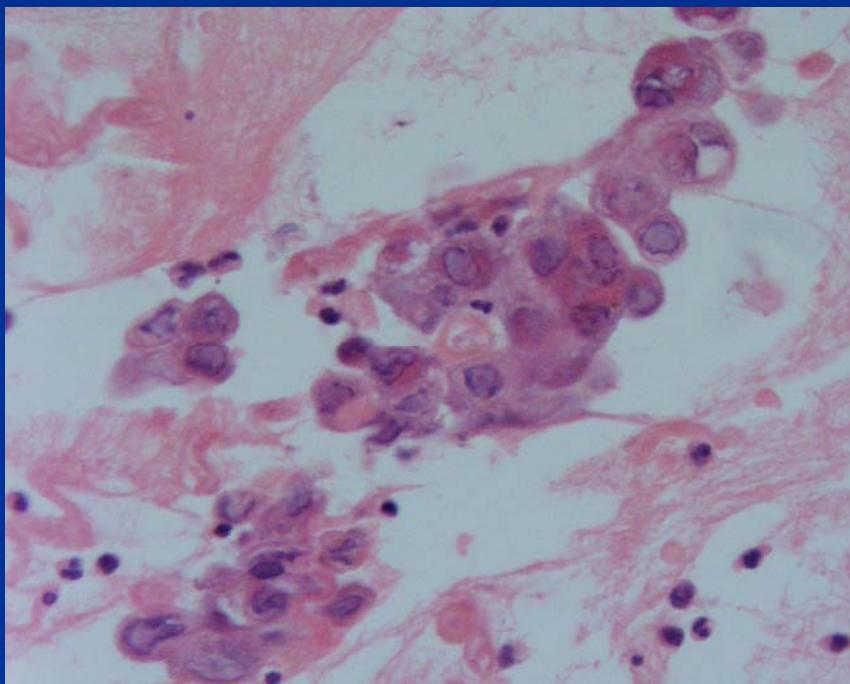






Herpes Virus Infection

Histopathology



- Intraepidermal vesicle with necrosis
- Multinucleated giant cells
- Margination of nuclear chromatin