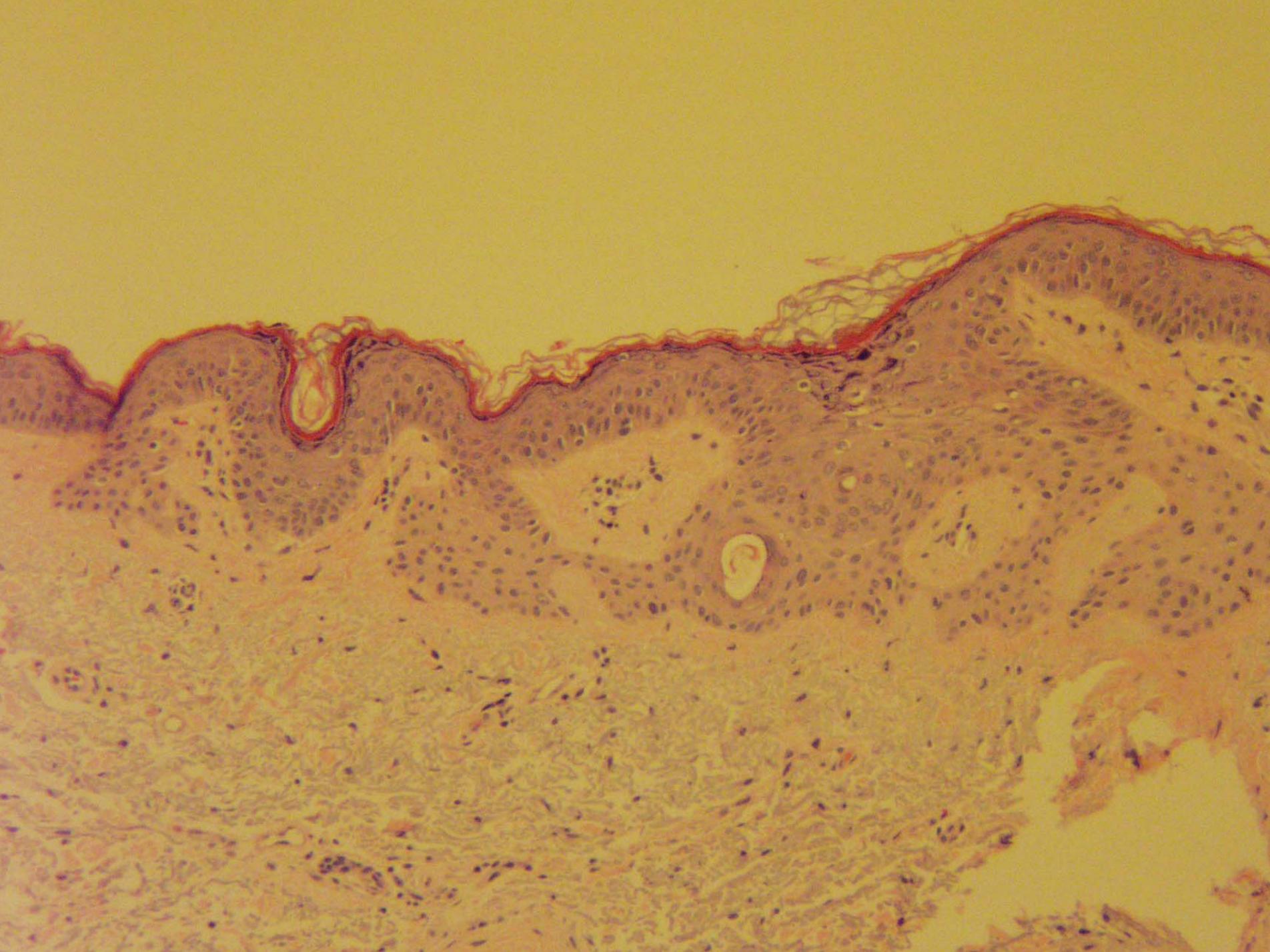


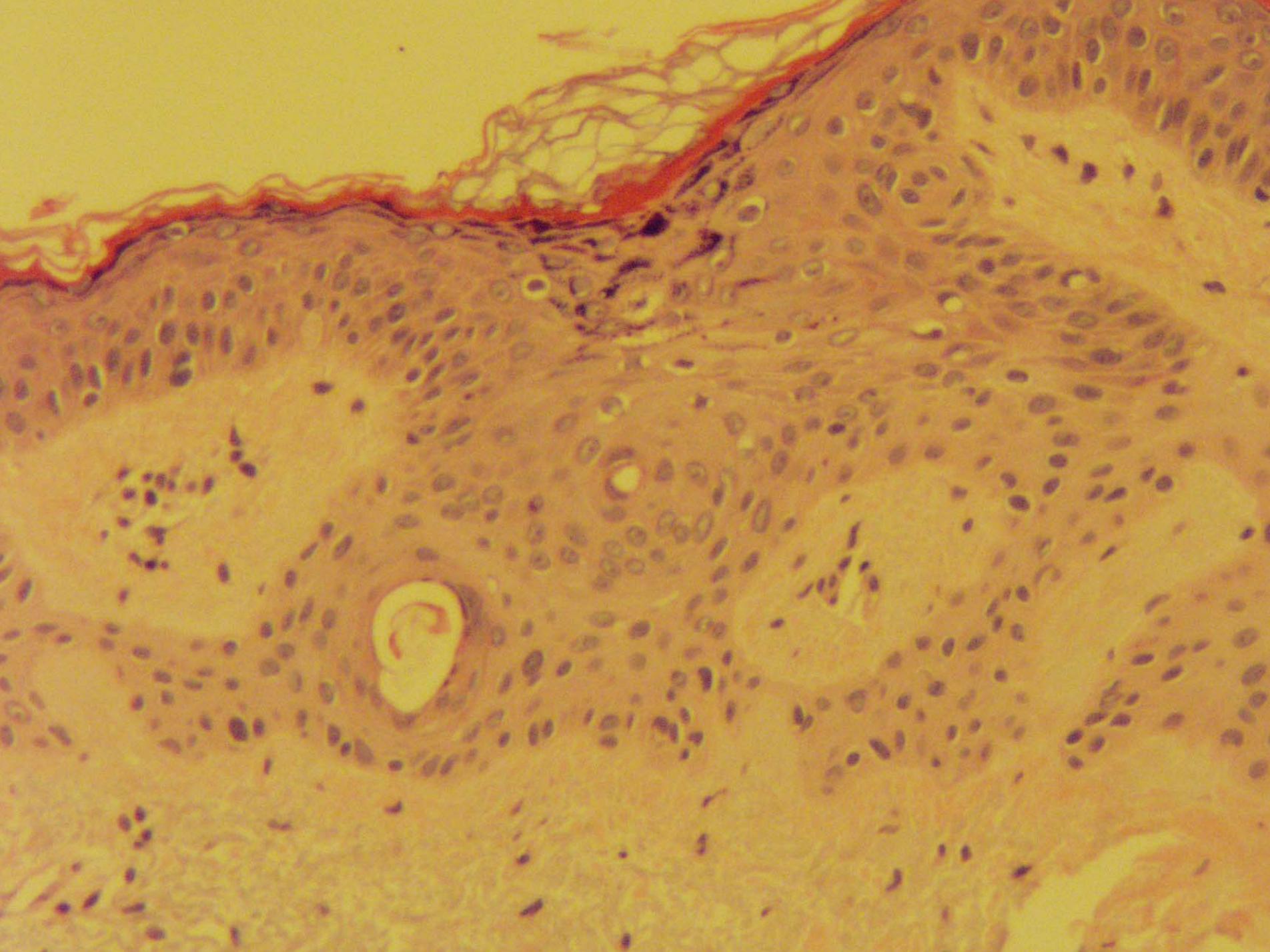
This is Not a Basal Cell Carcinoma!

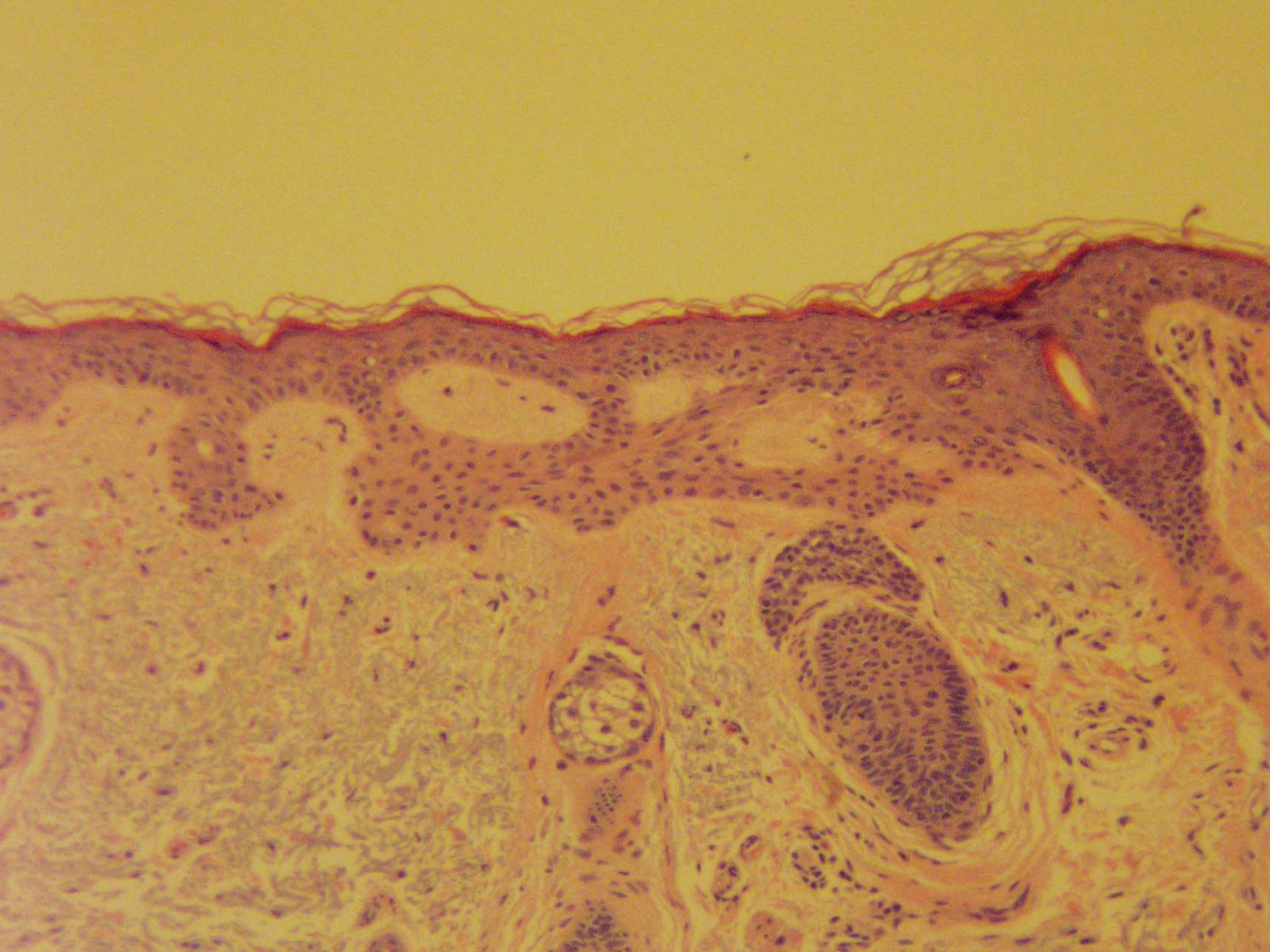
Paul K. Shitabata, M.D.

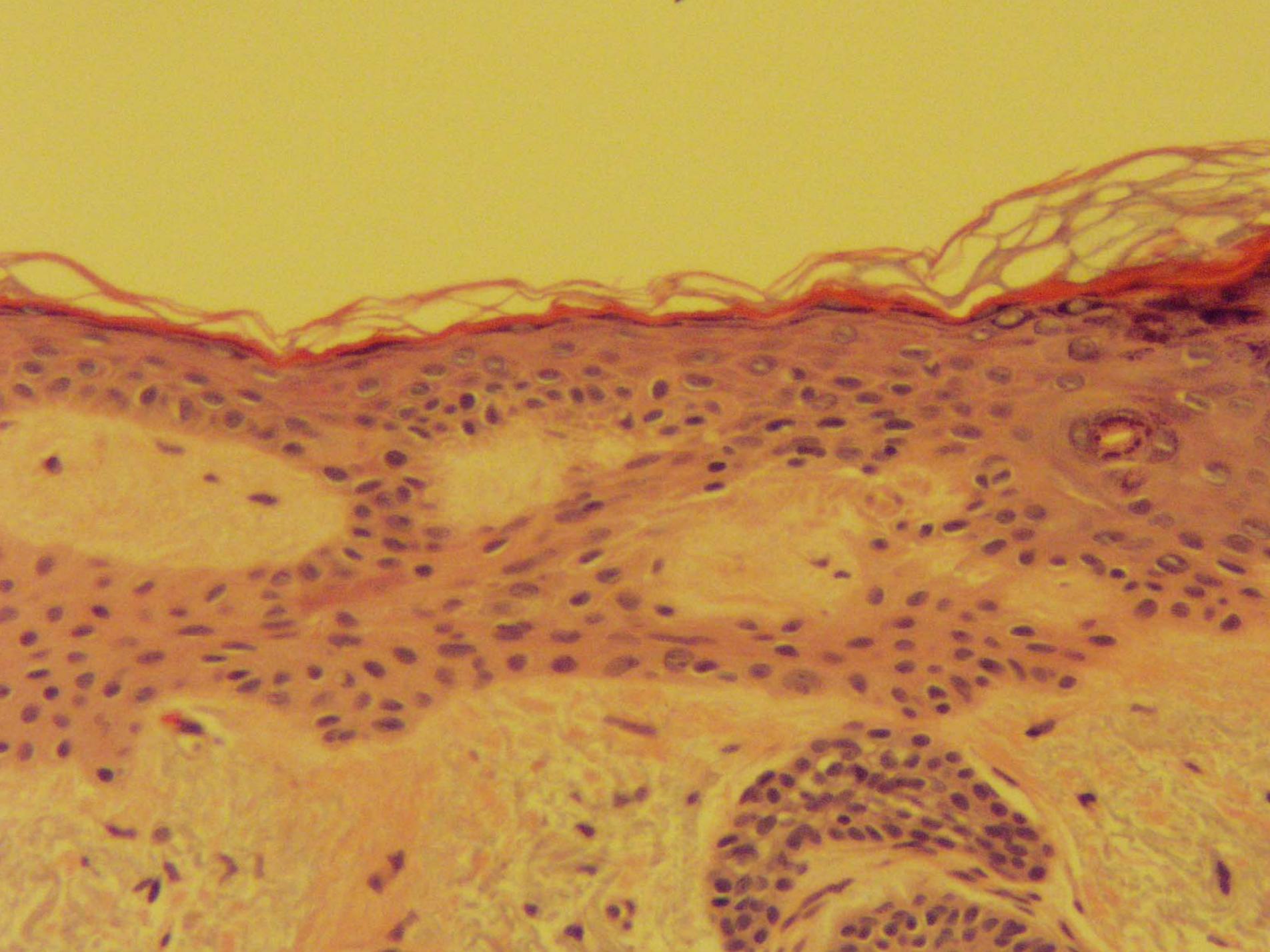
Dermatopathologist

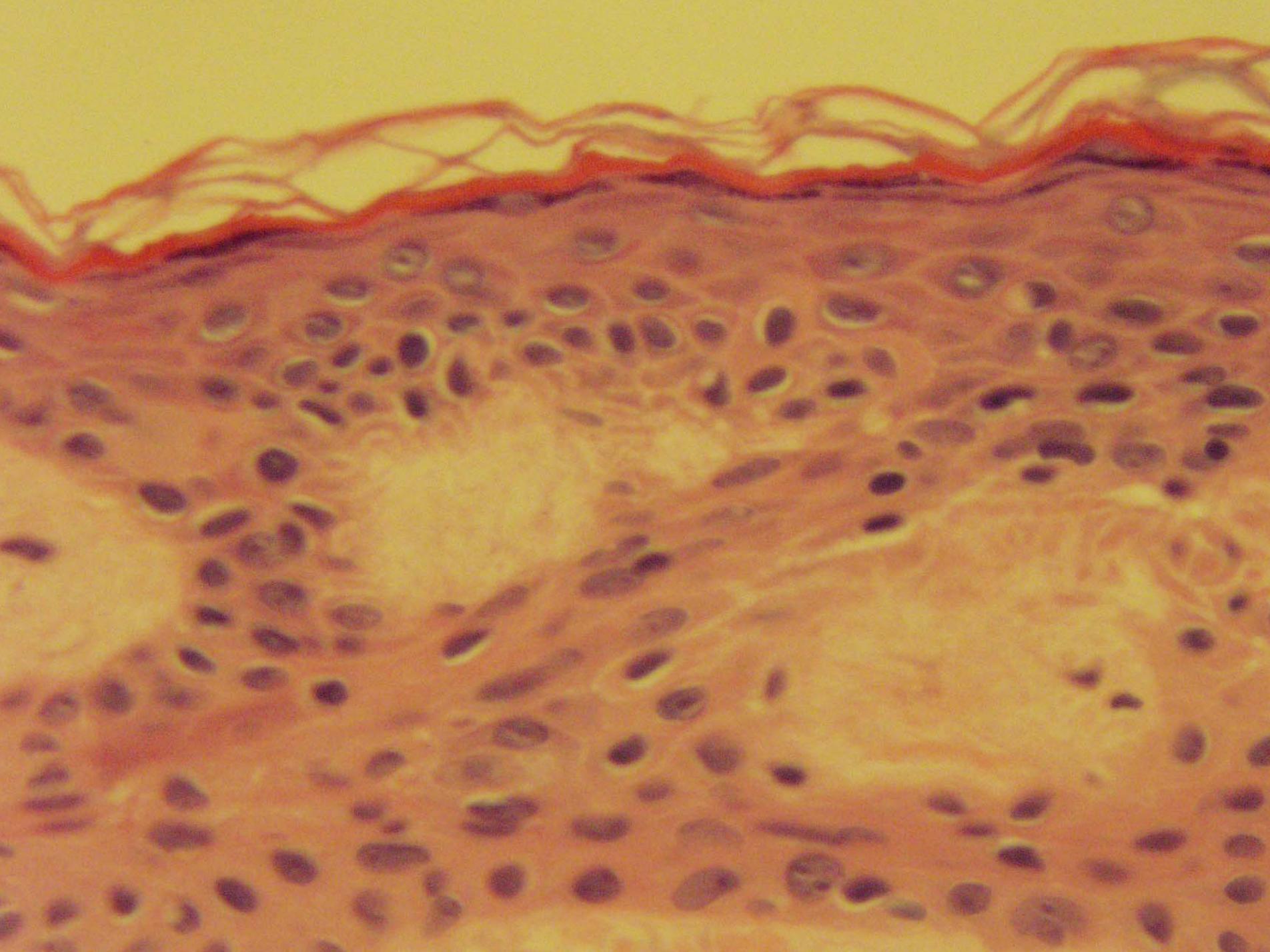
Pathology Inc.











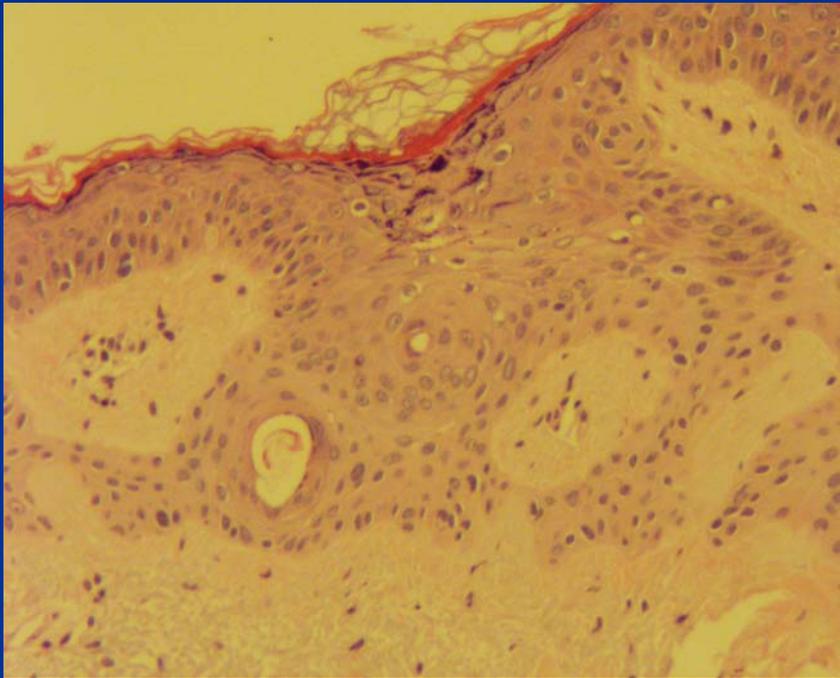
Tumor of the Follicular Infundibulum

Clinical



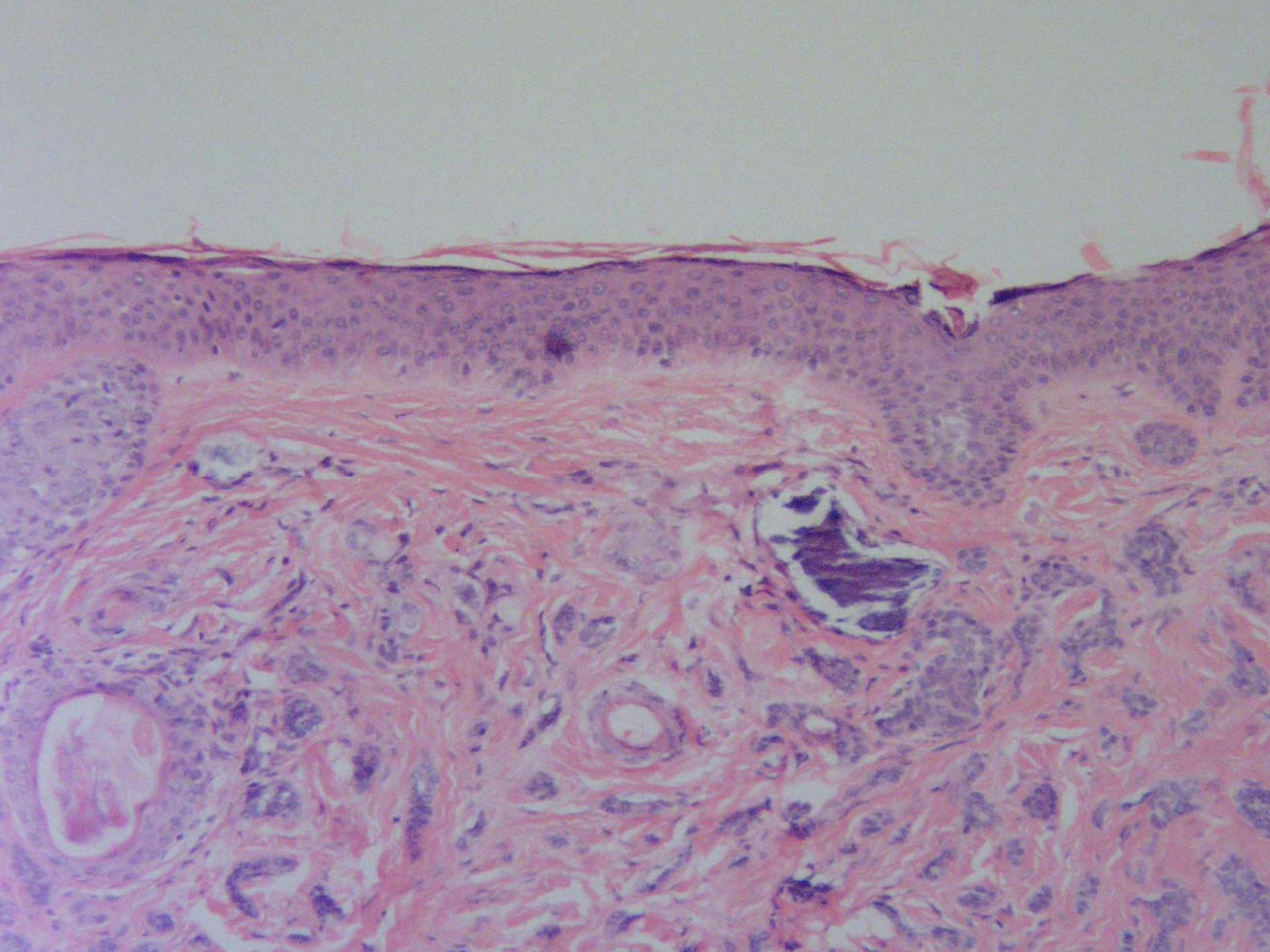
- Solitary tumor presents as a scaly nodule up to 1.5 cm
- Head or neck
- Rarely eruptive lesions resemble tinea versicolor, pityriasis alba or DSAP
- Rare cases associated with nevus sebaceous and Cowden syndrome

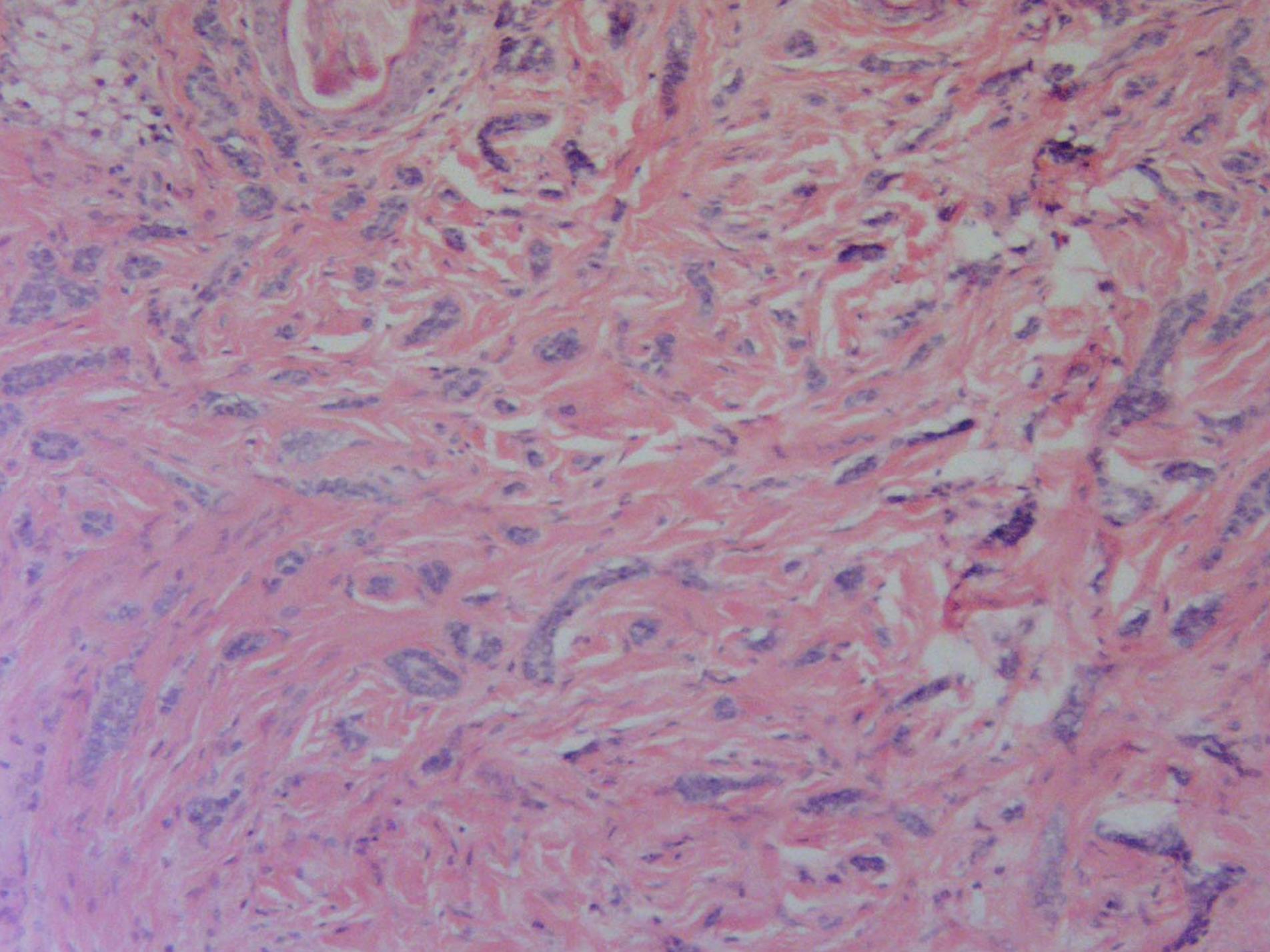
Histopathology

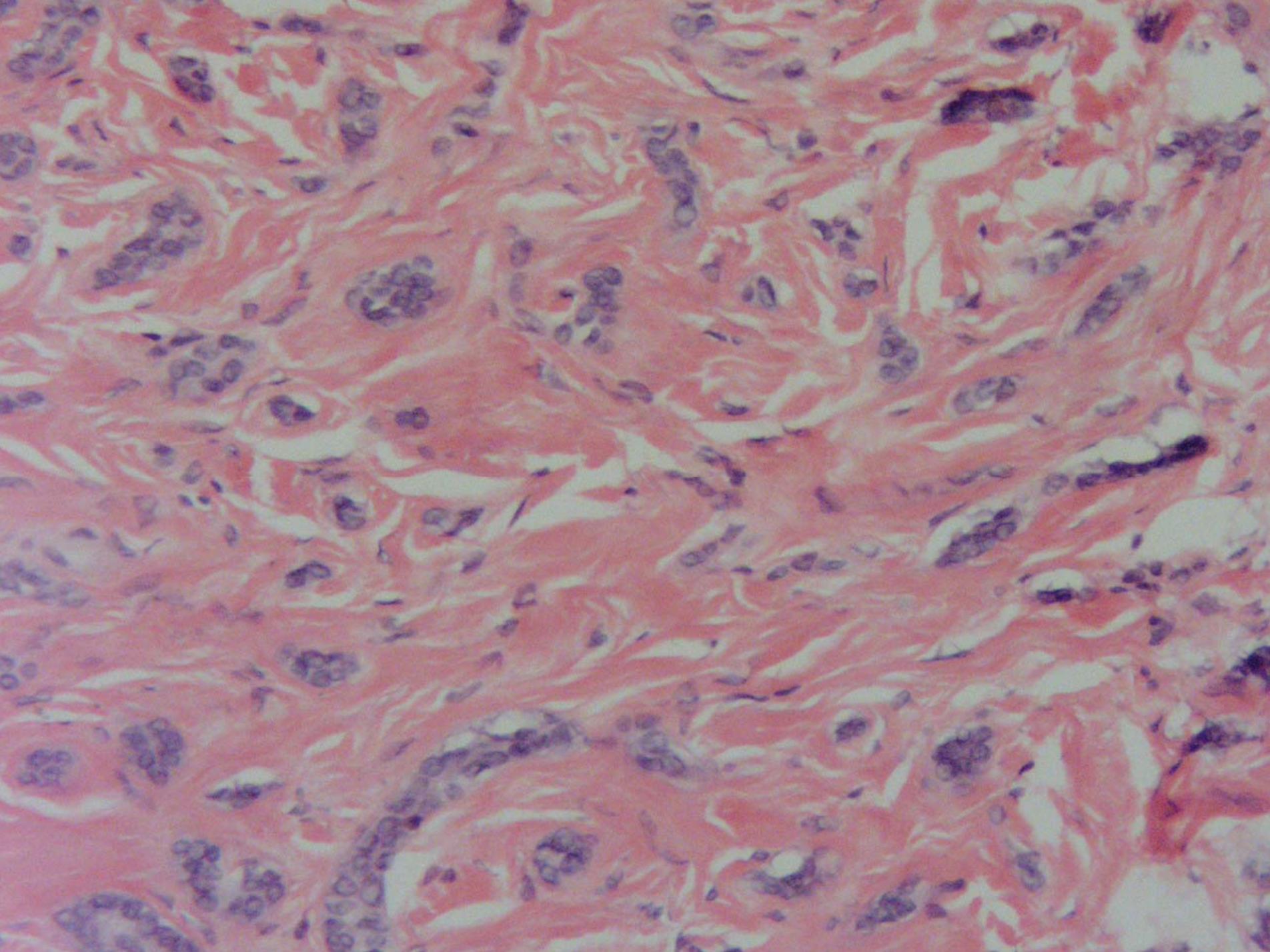


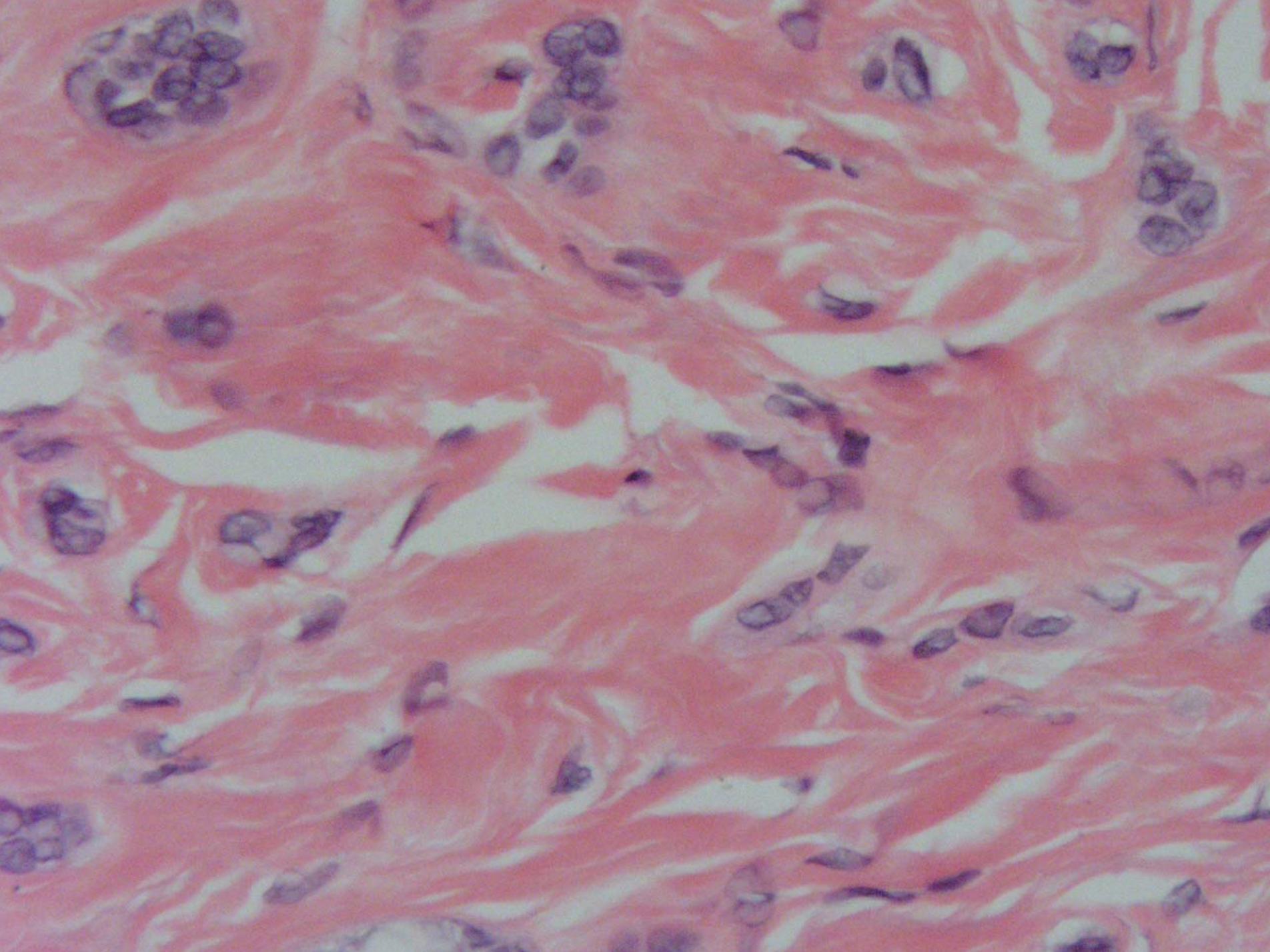
- Plate-like fenestrated sub-epidermal tumor extends horizontally under the epidermis with multiple cordlike connections
- Pale staining caused by glycogen

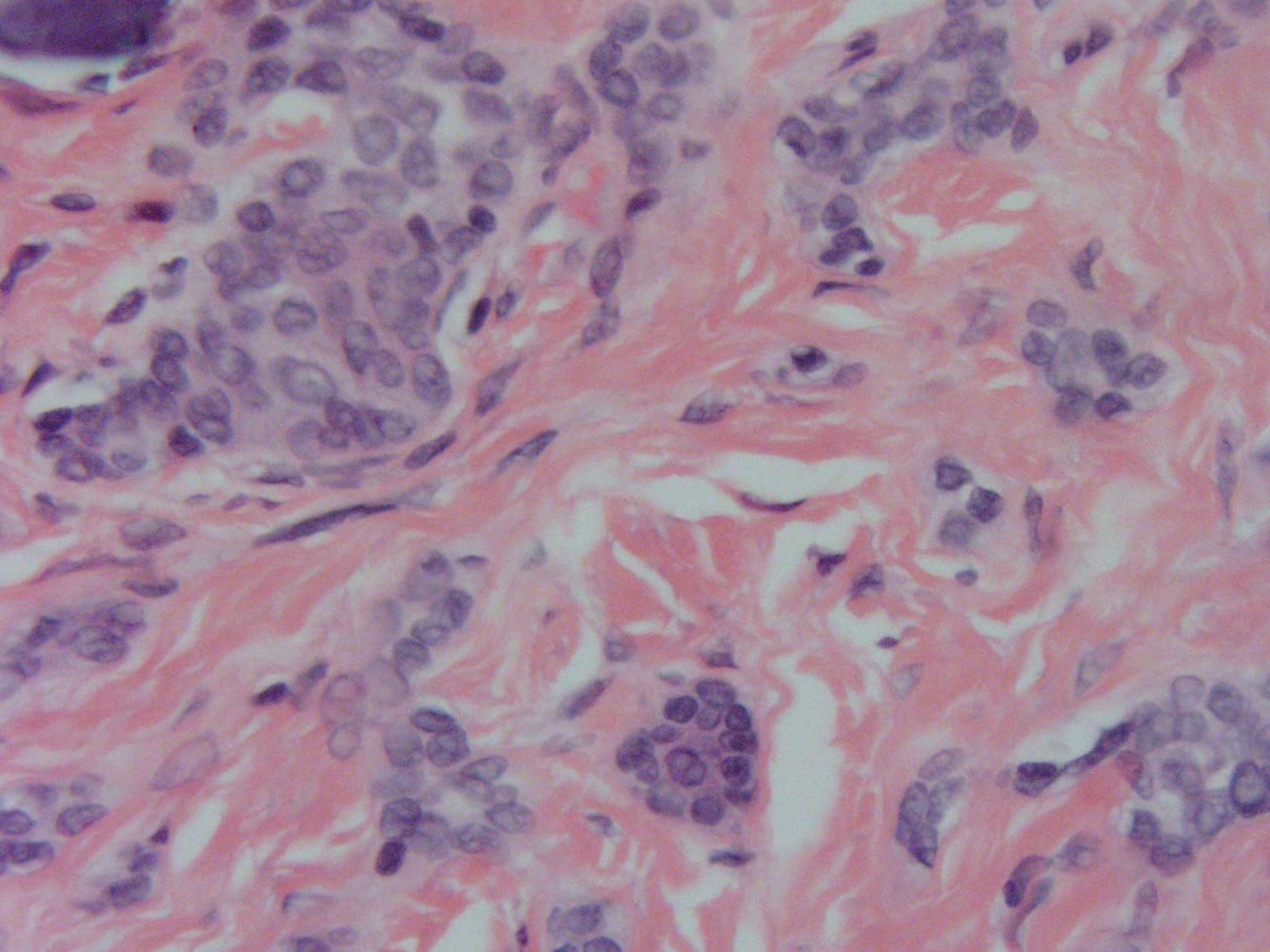


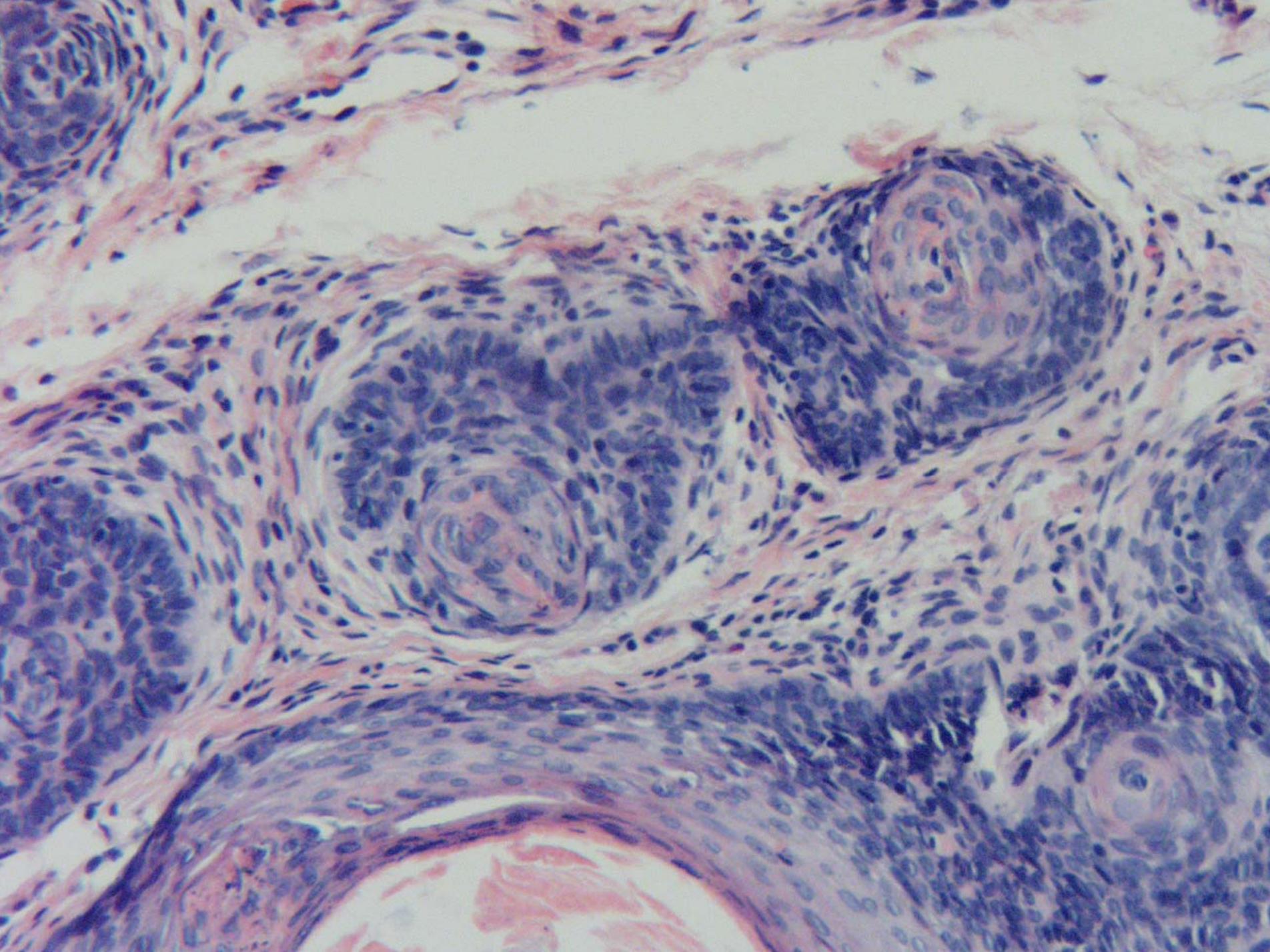


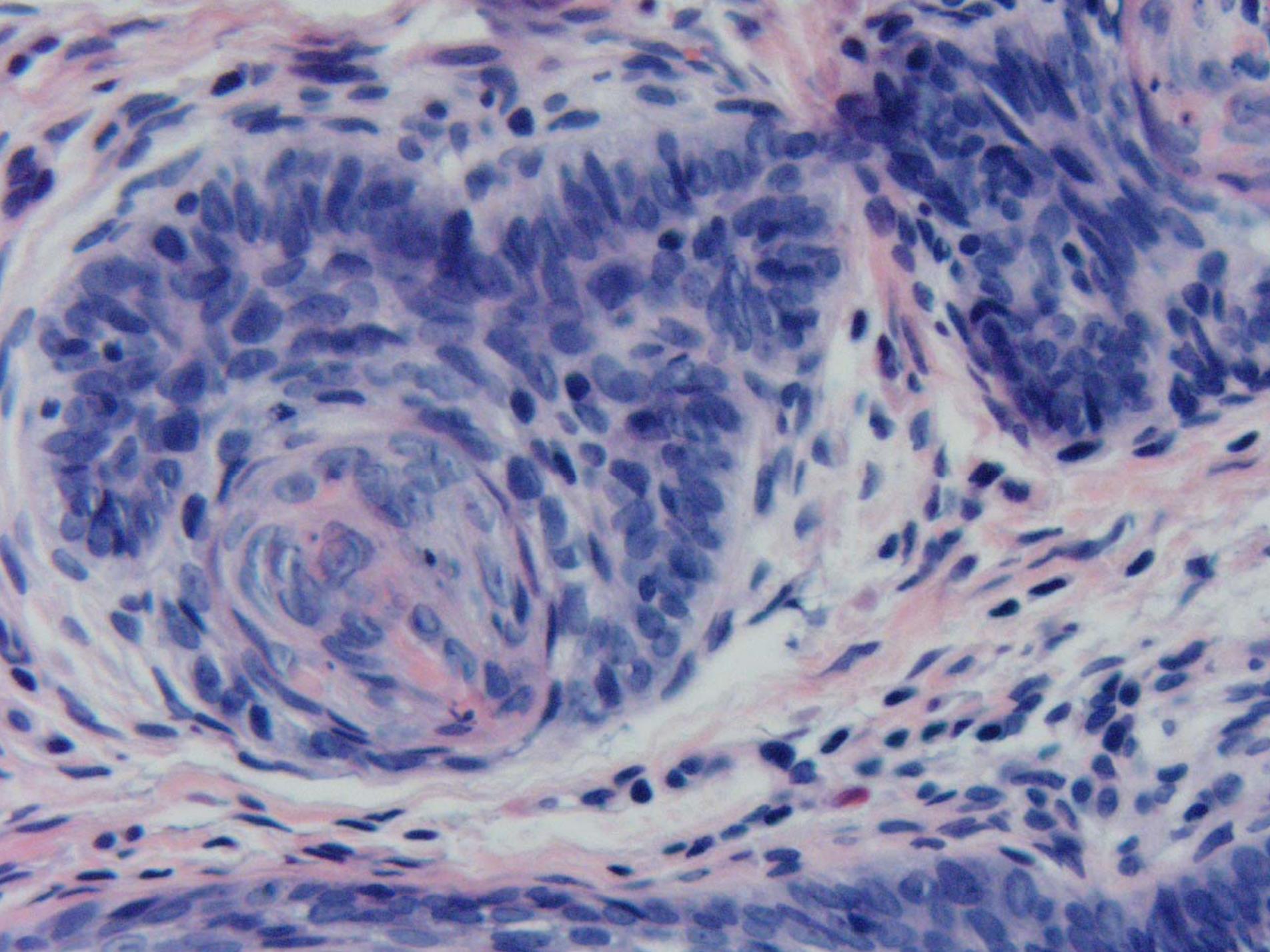












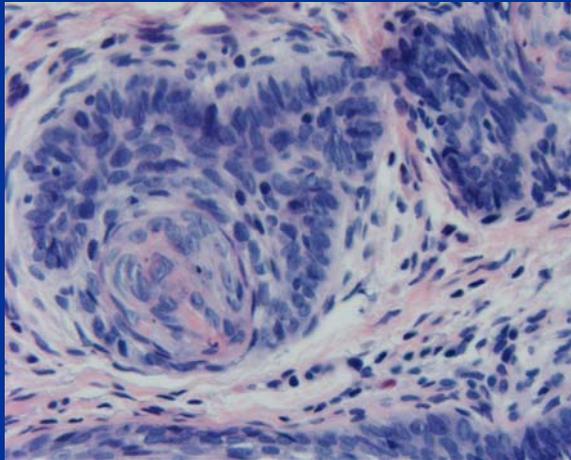
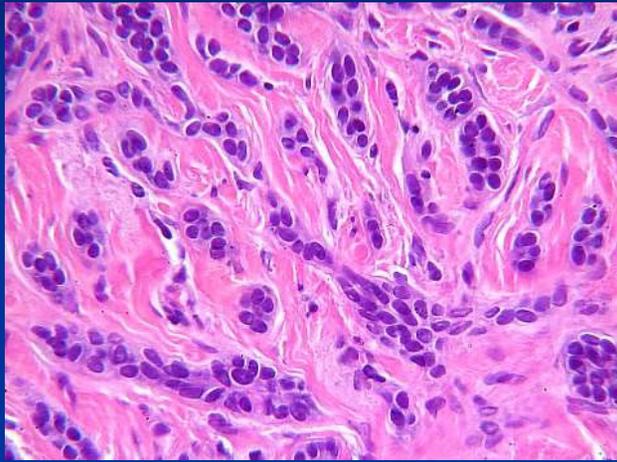
Desmoplastic Trichoepithelioma

Clinical

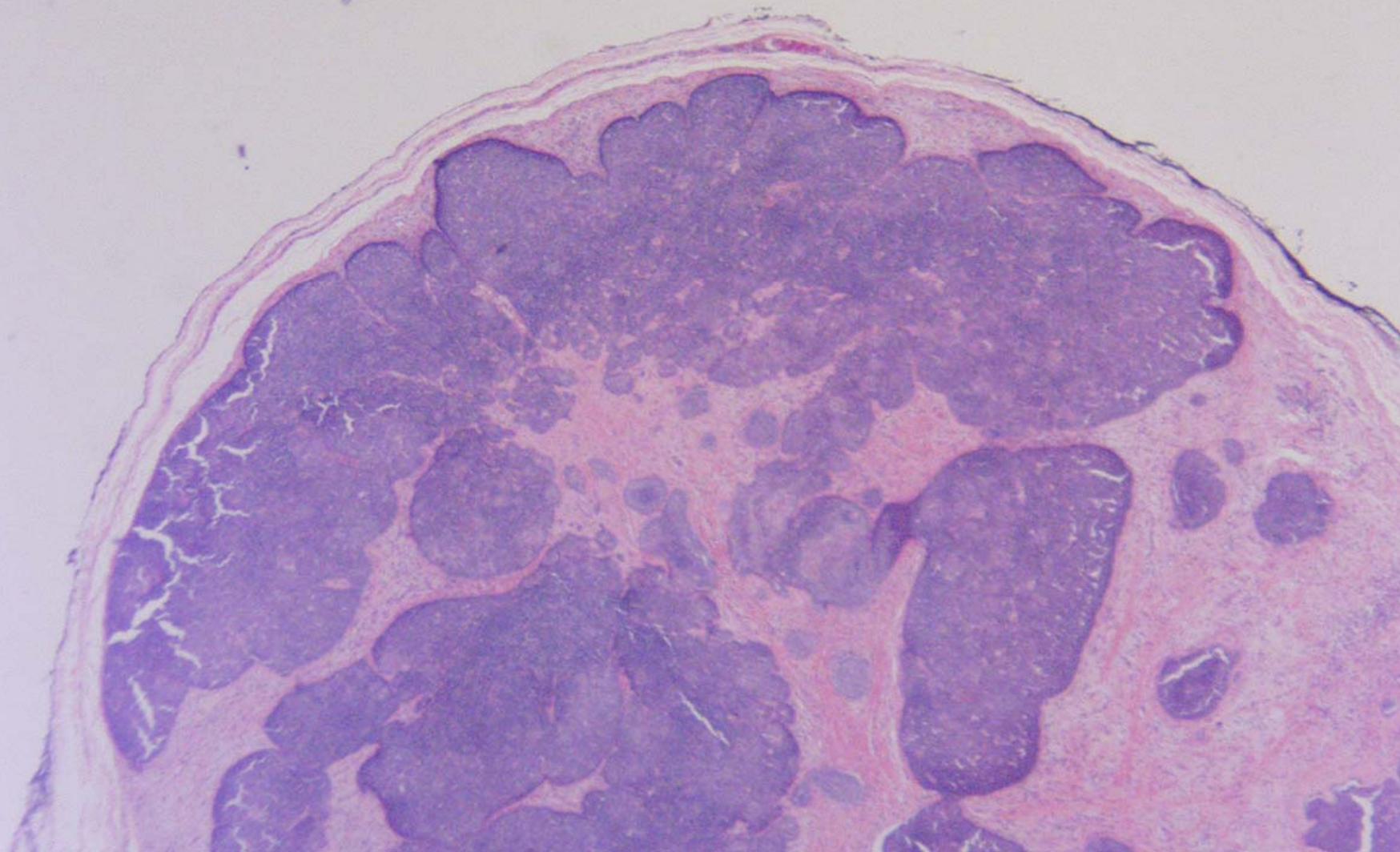


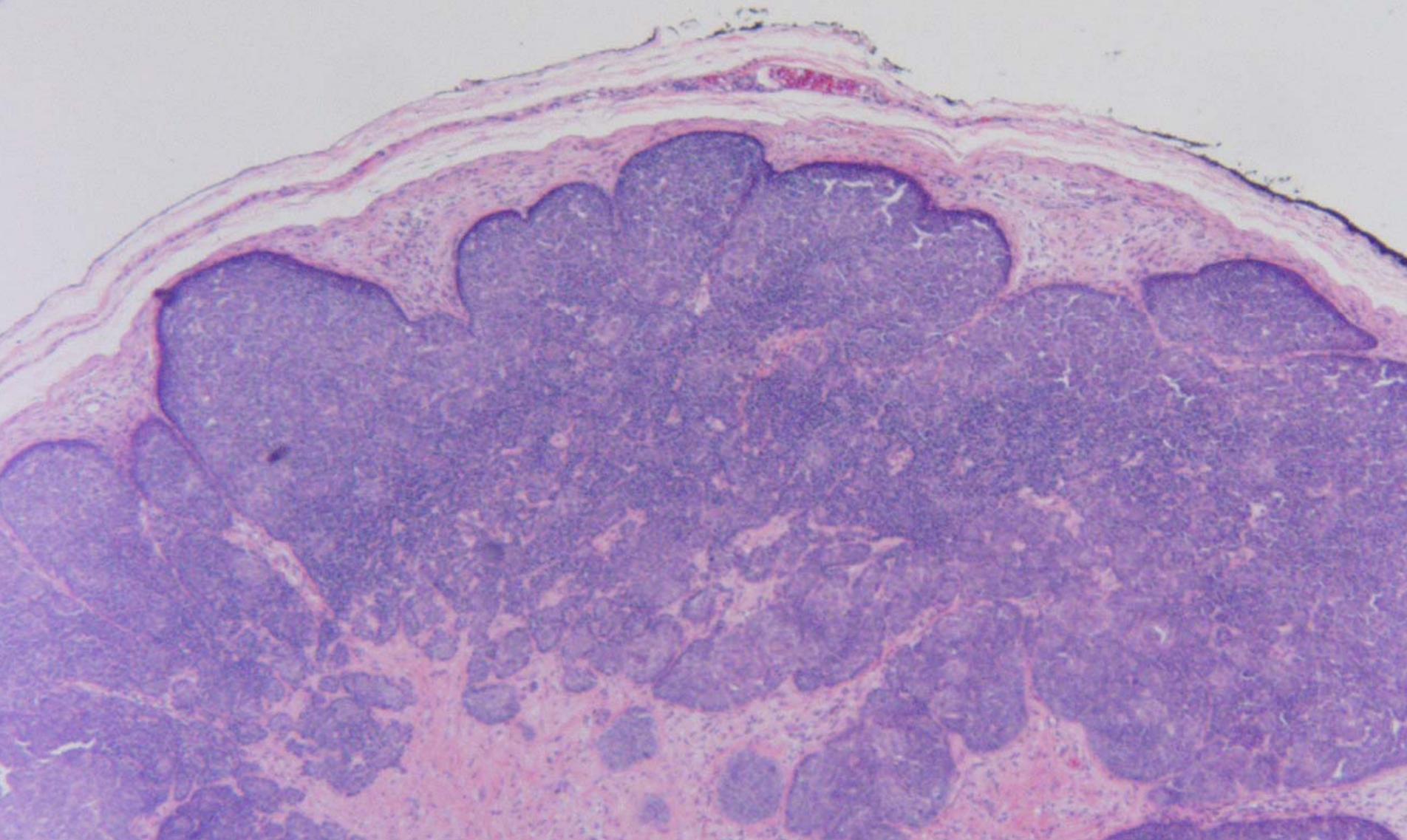
- Usually solitary, flesh colored, with slightly raised borders
- Desmoplastic tumors may have central dell
- Usually asymptomatic

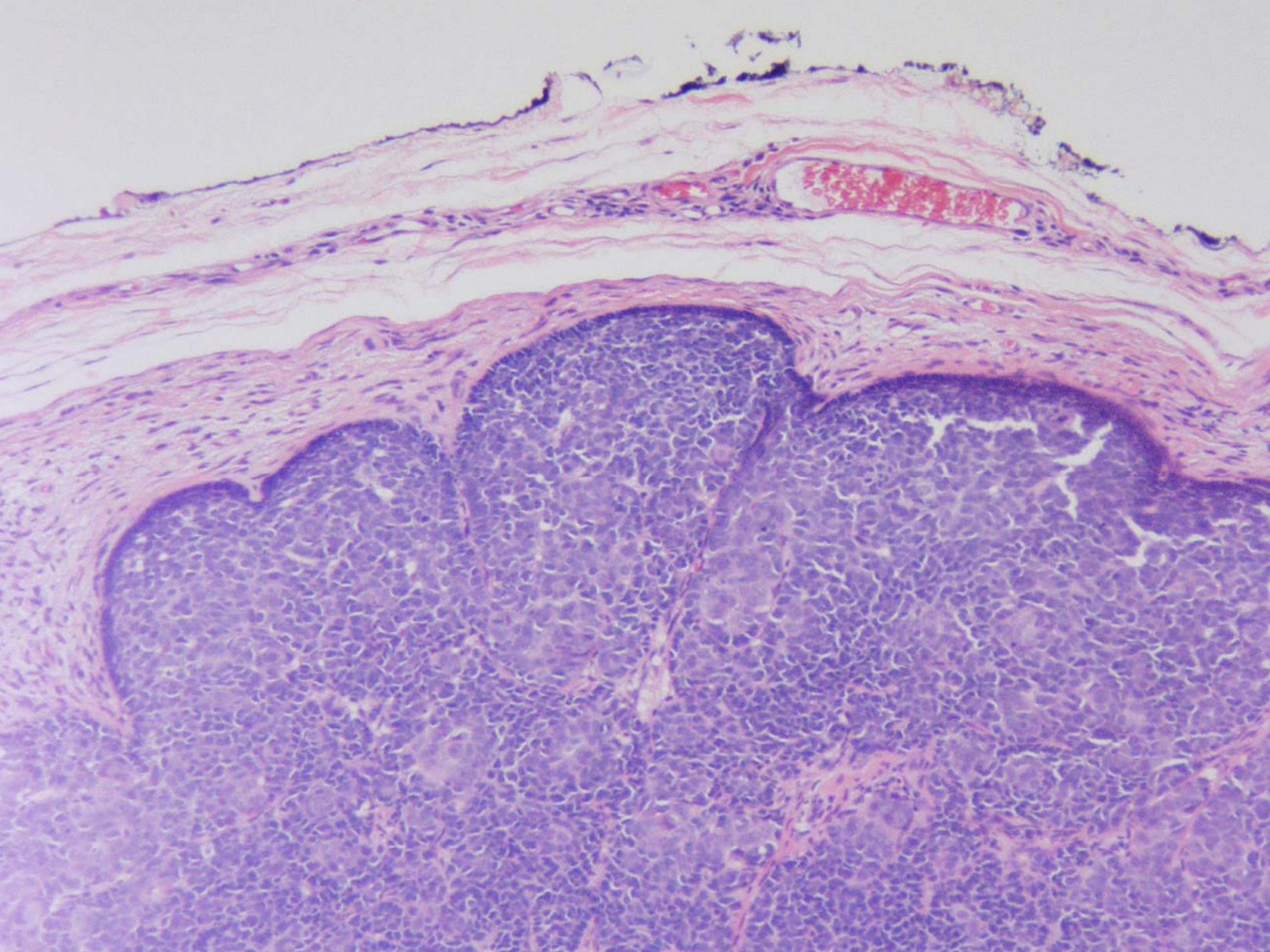
Histopathology

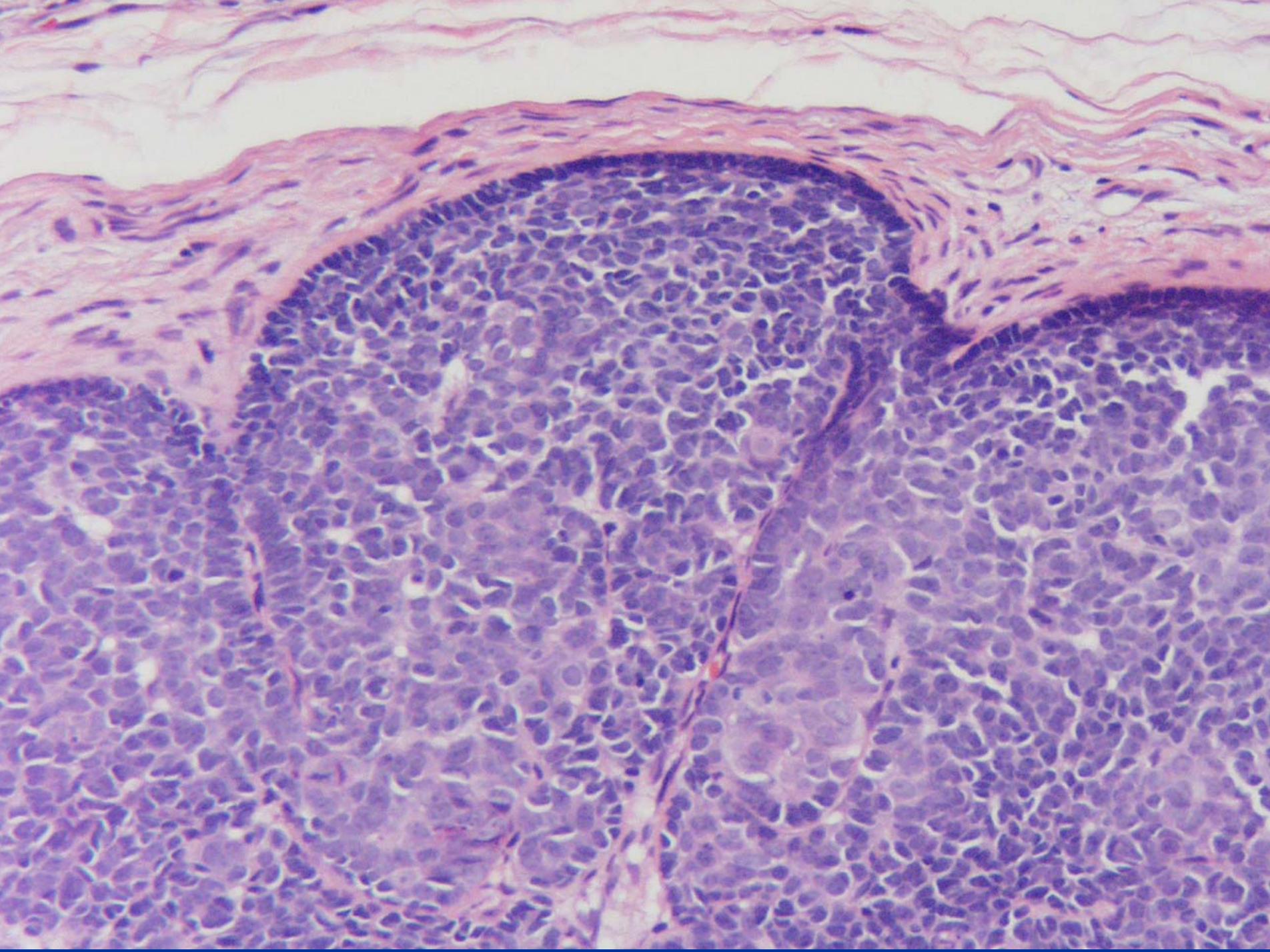


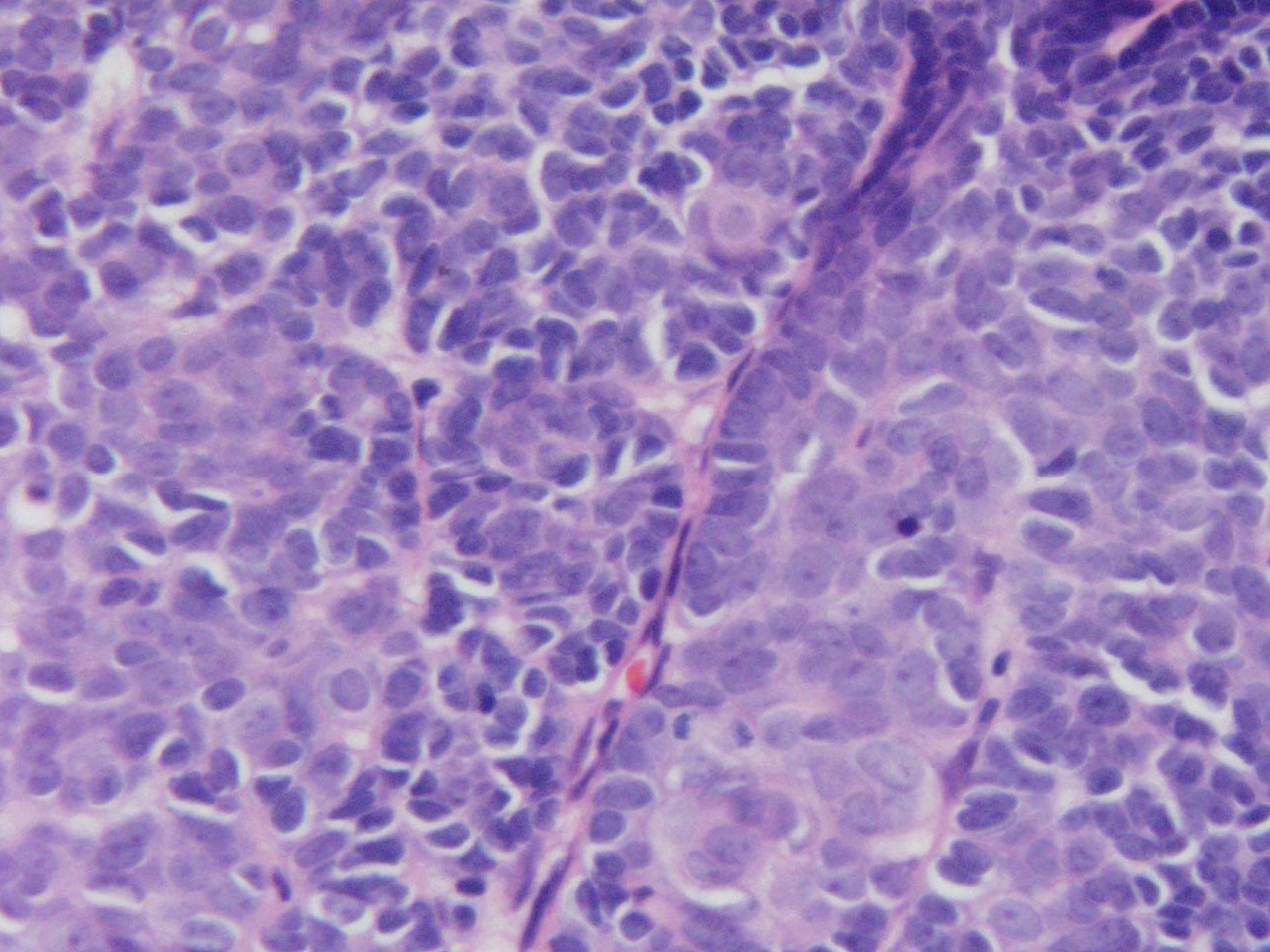
- Infiltrating strands of basaloid cells
- No epidermal attachment
- Stromal-stromal clefting
- Papillary mesenchymal bodies

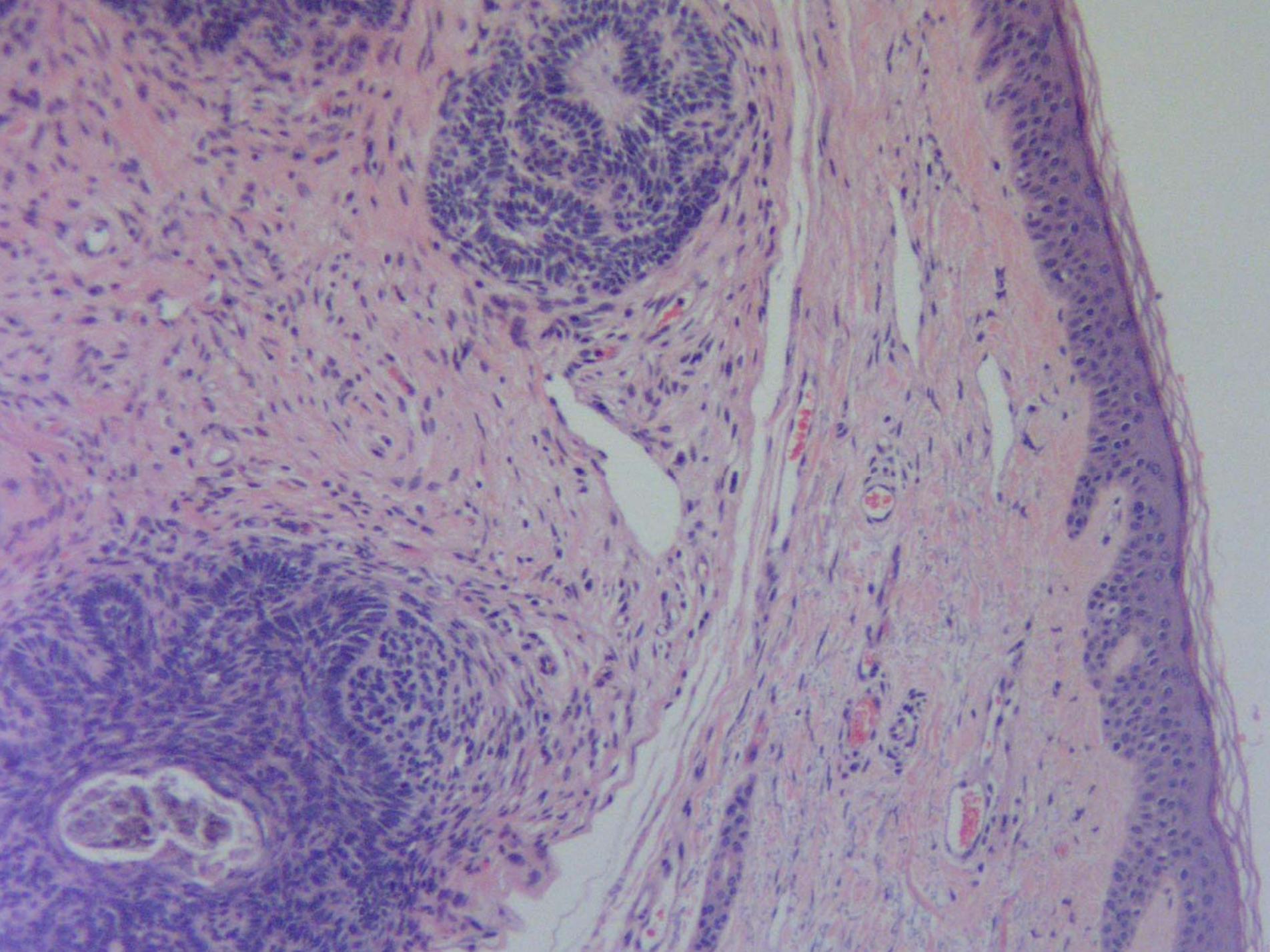


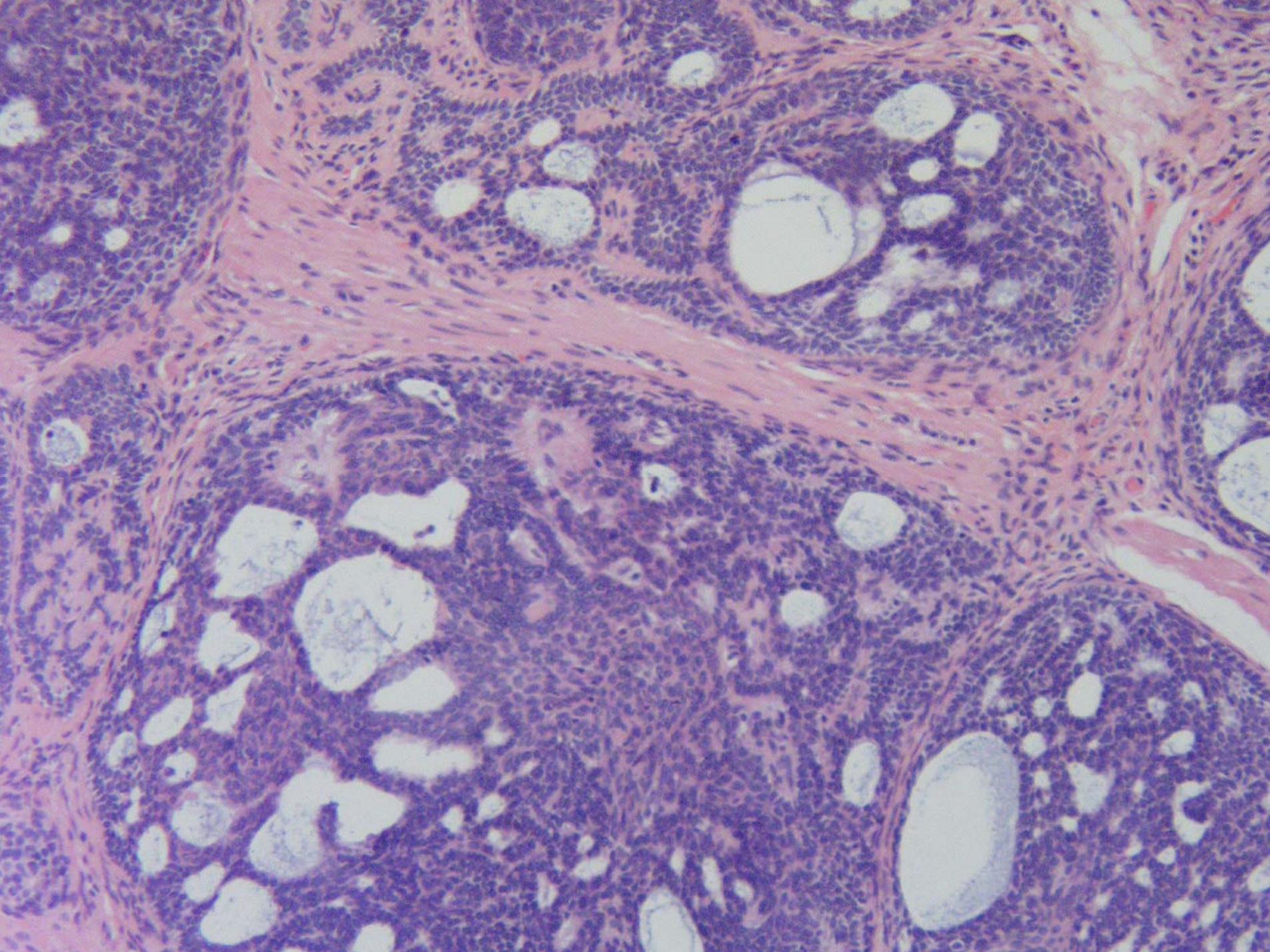


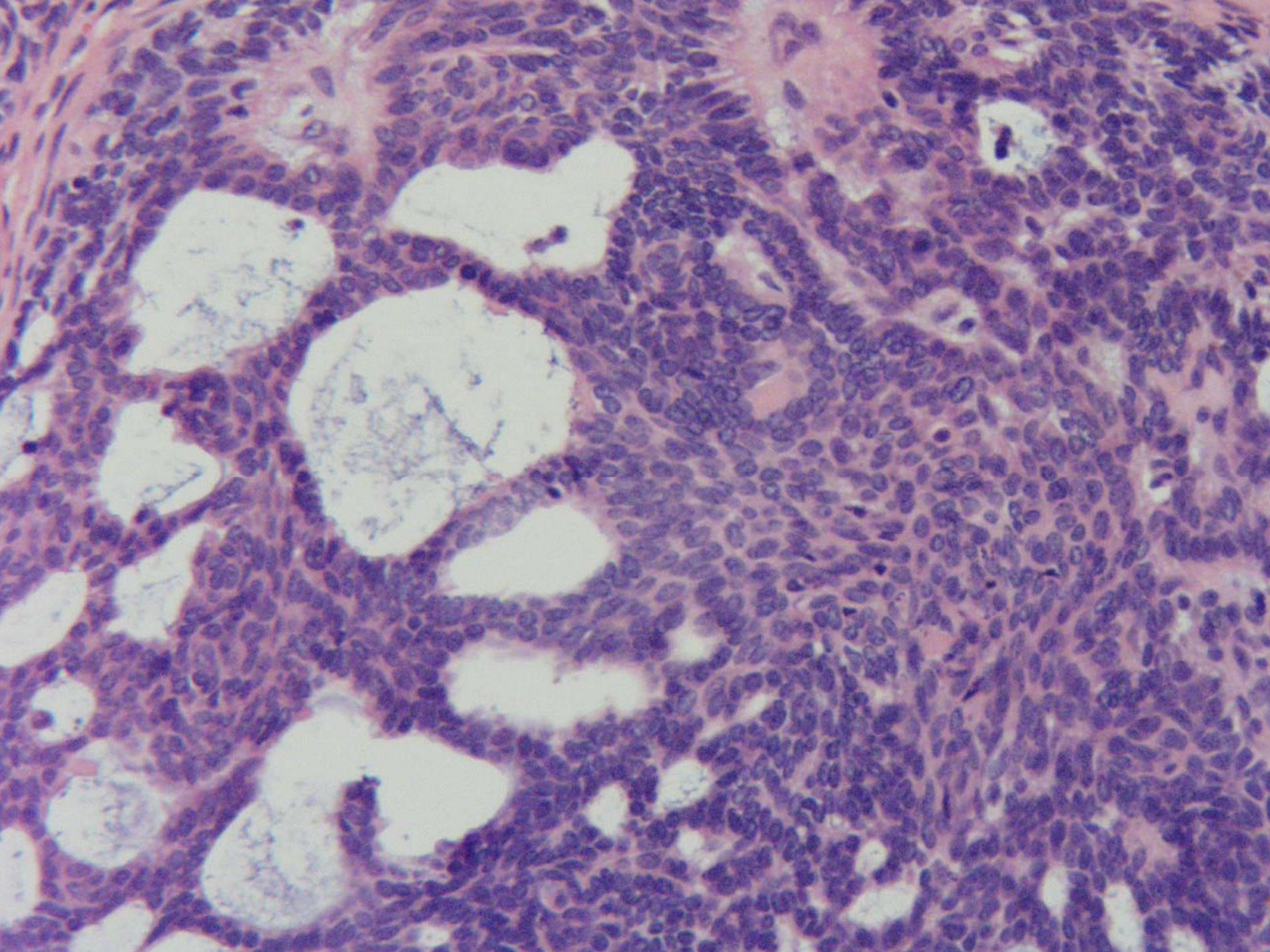


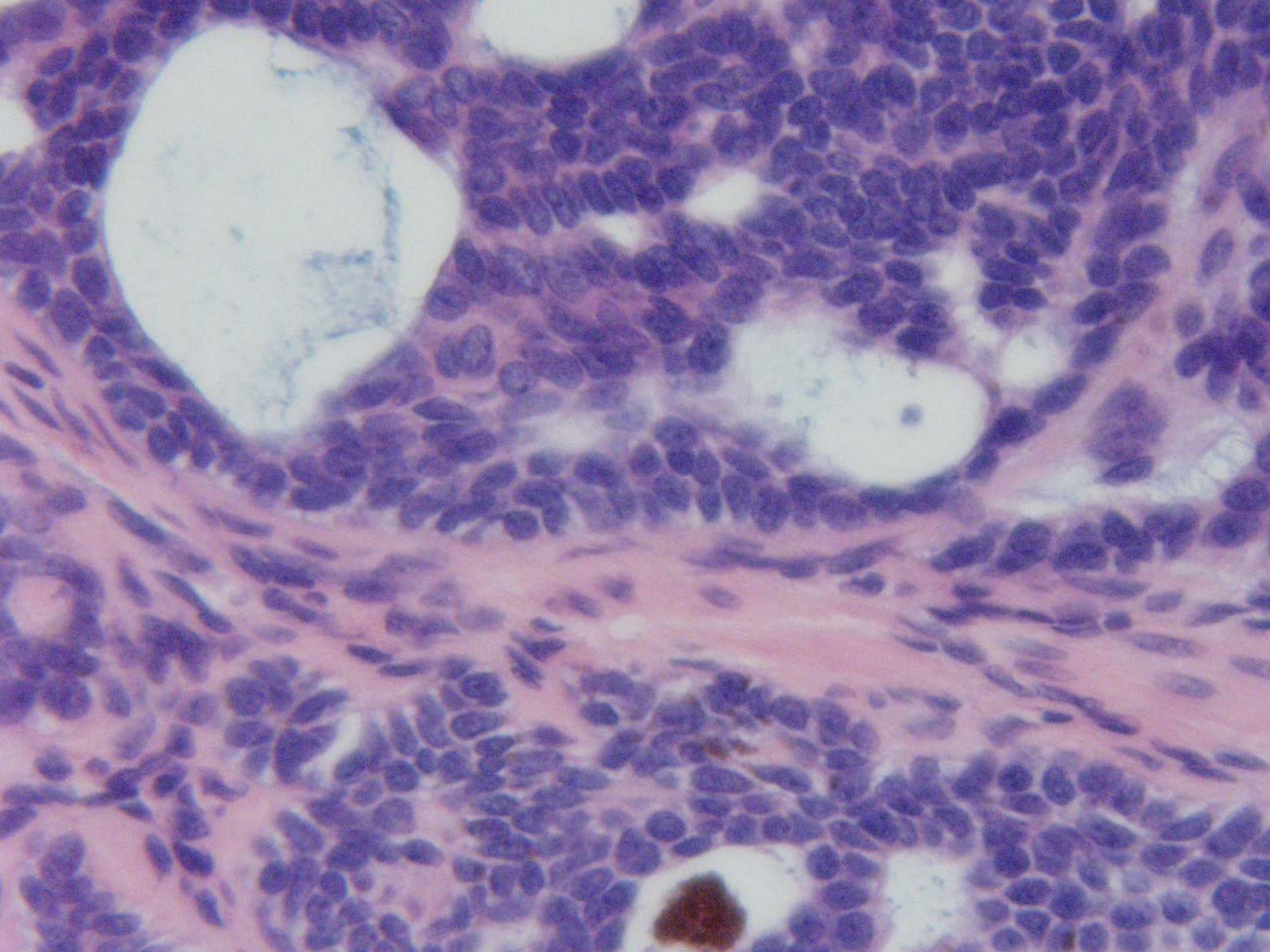


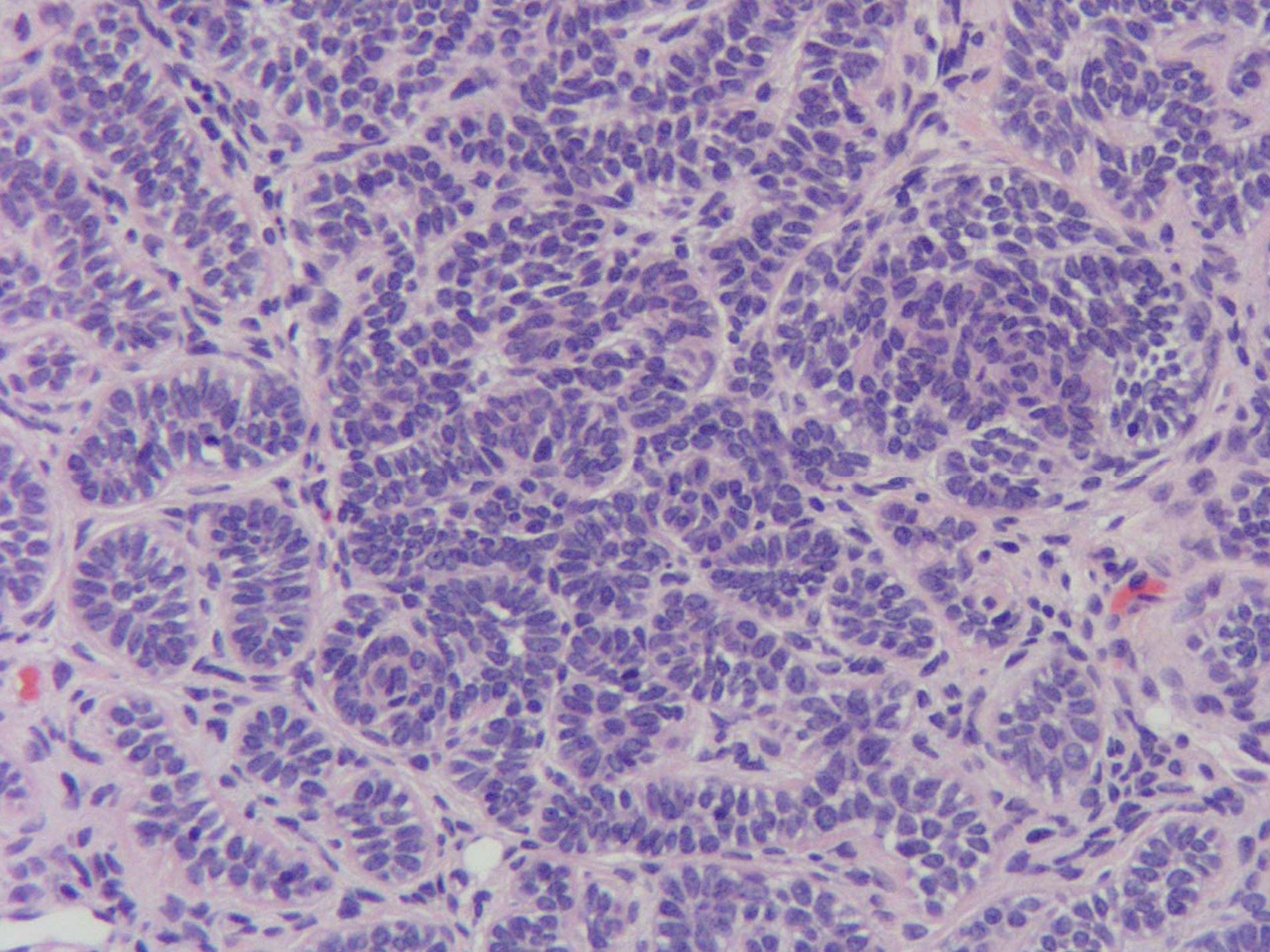


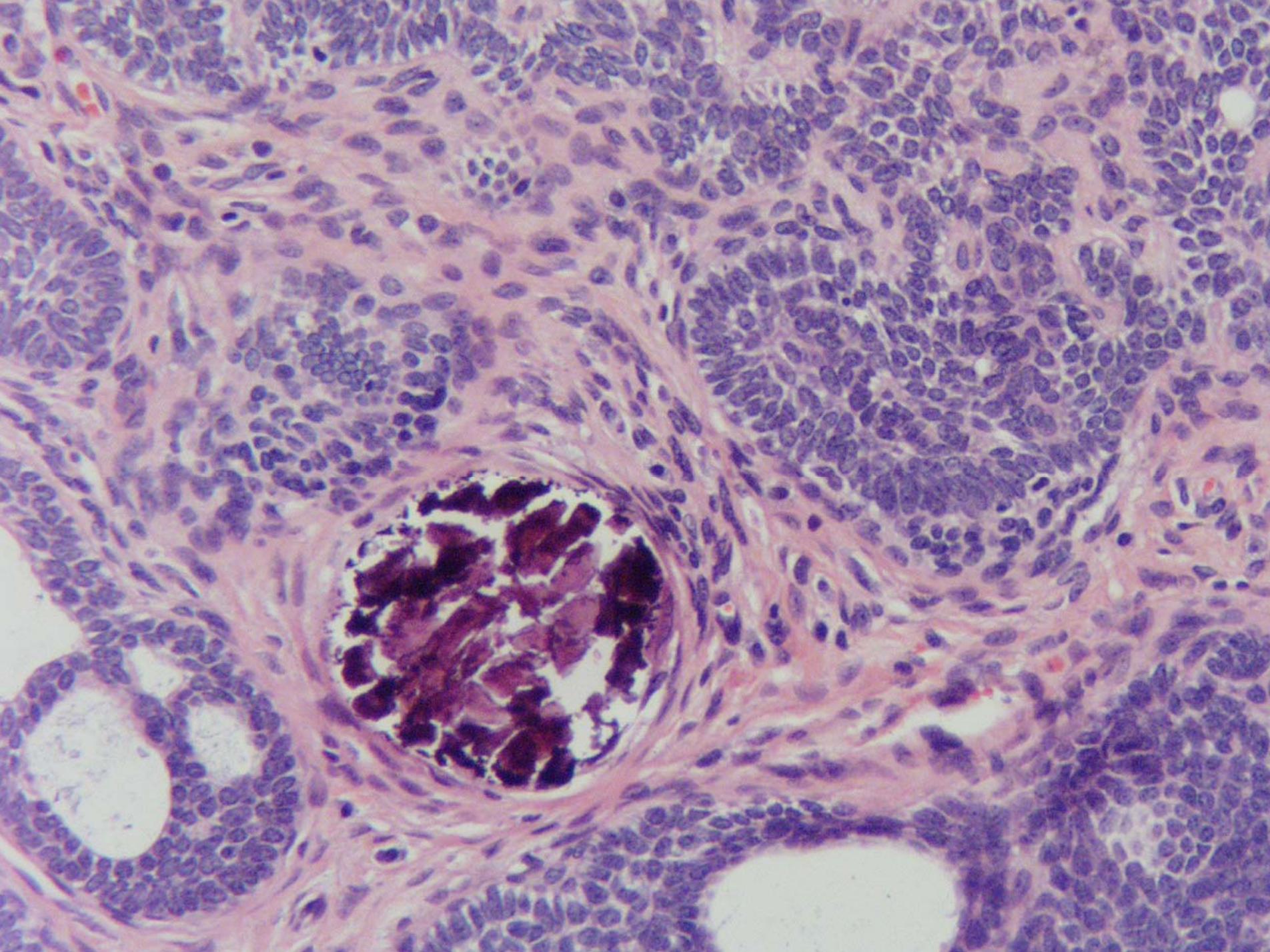


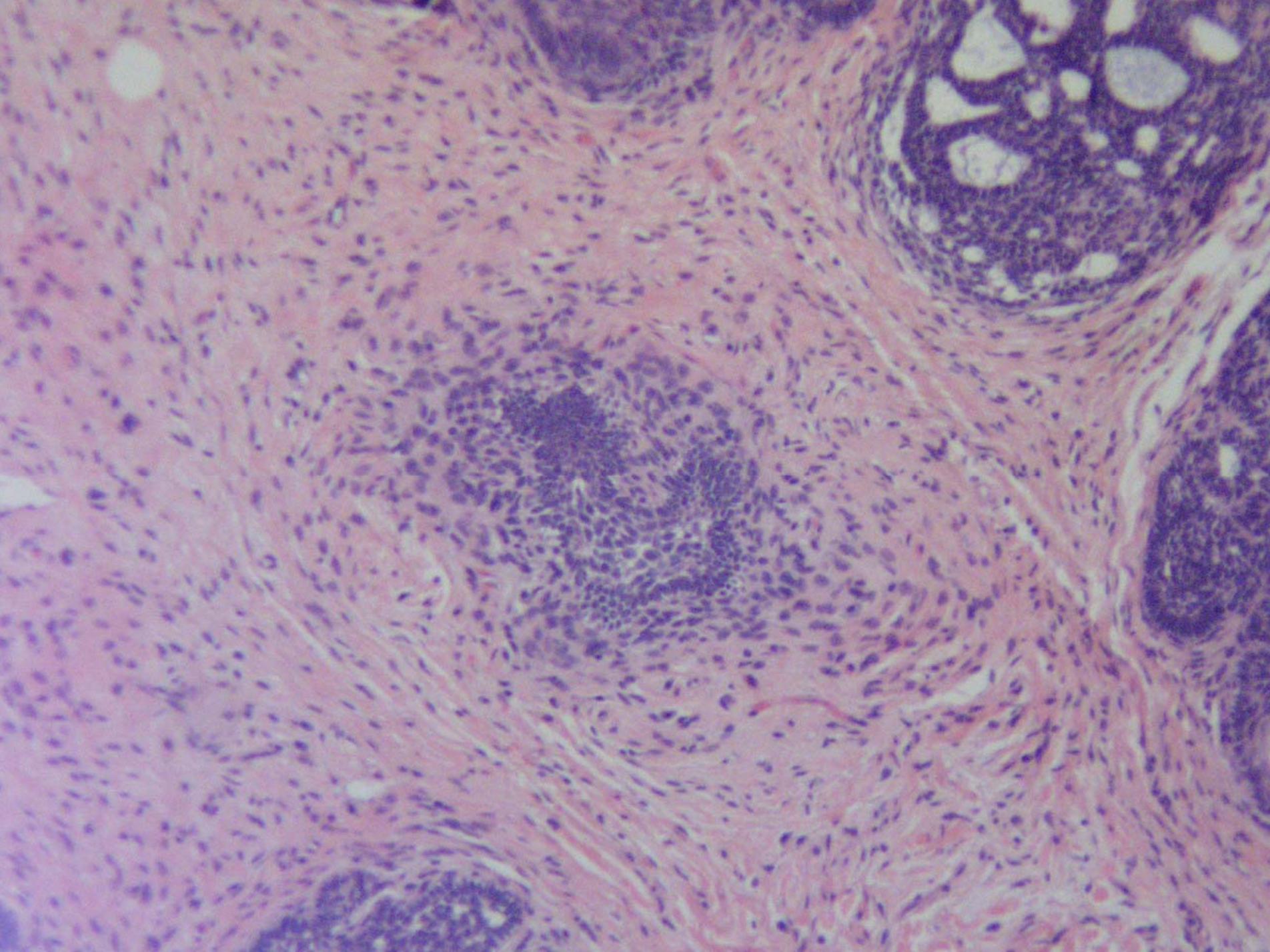


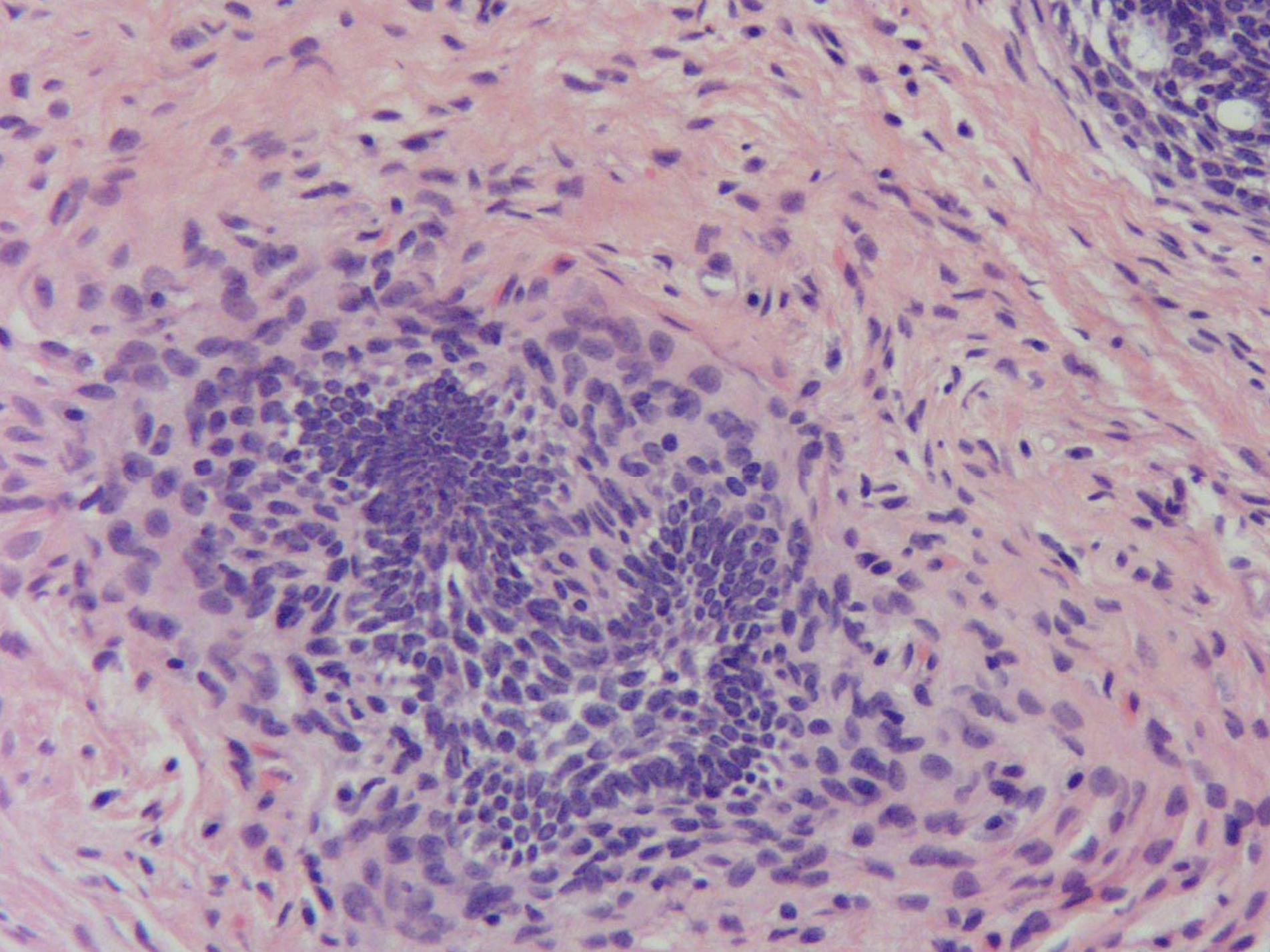












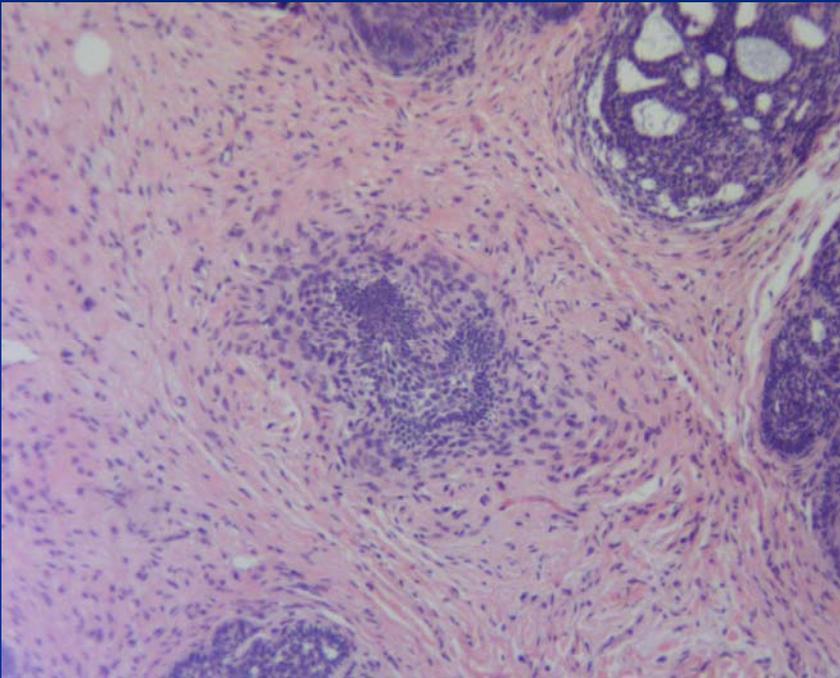
Trichoblastoma

Clinical



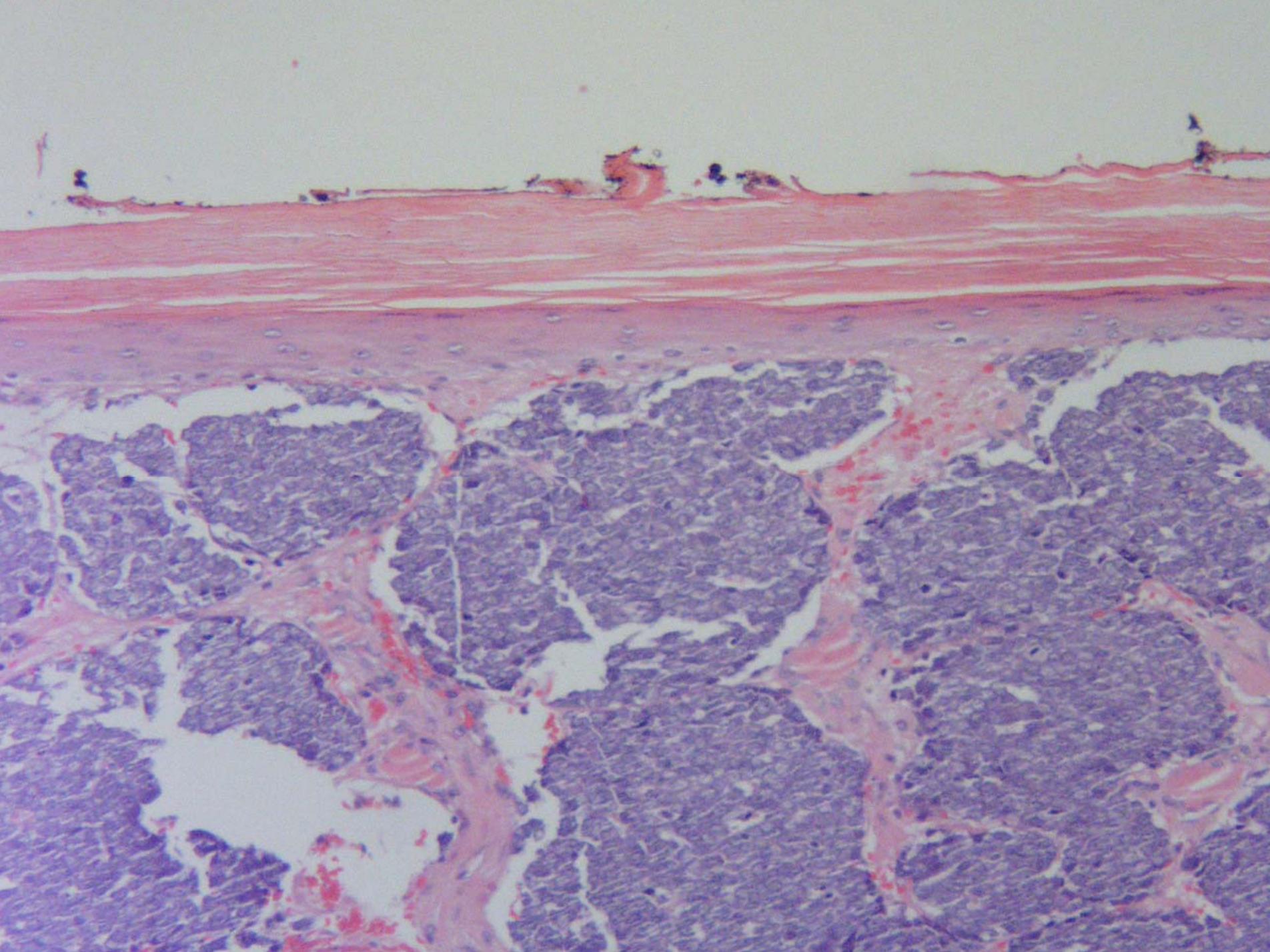
- Usually solitary, occasional multiple
- Variable in size
- Flesh colored to erythematous
- Nodular and bosselated

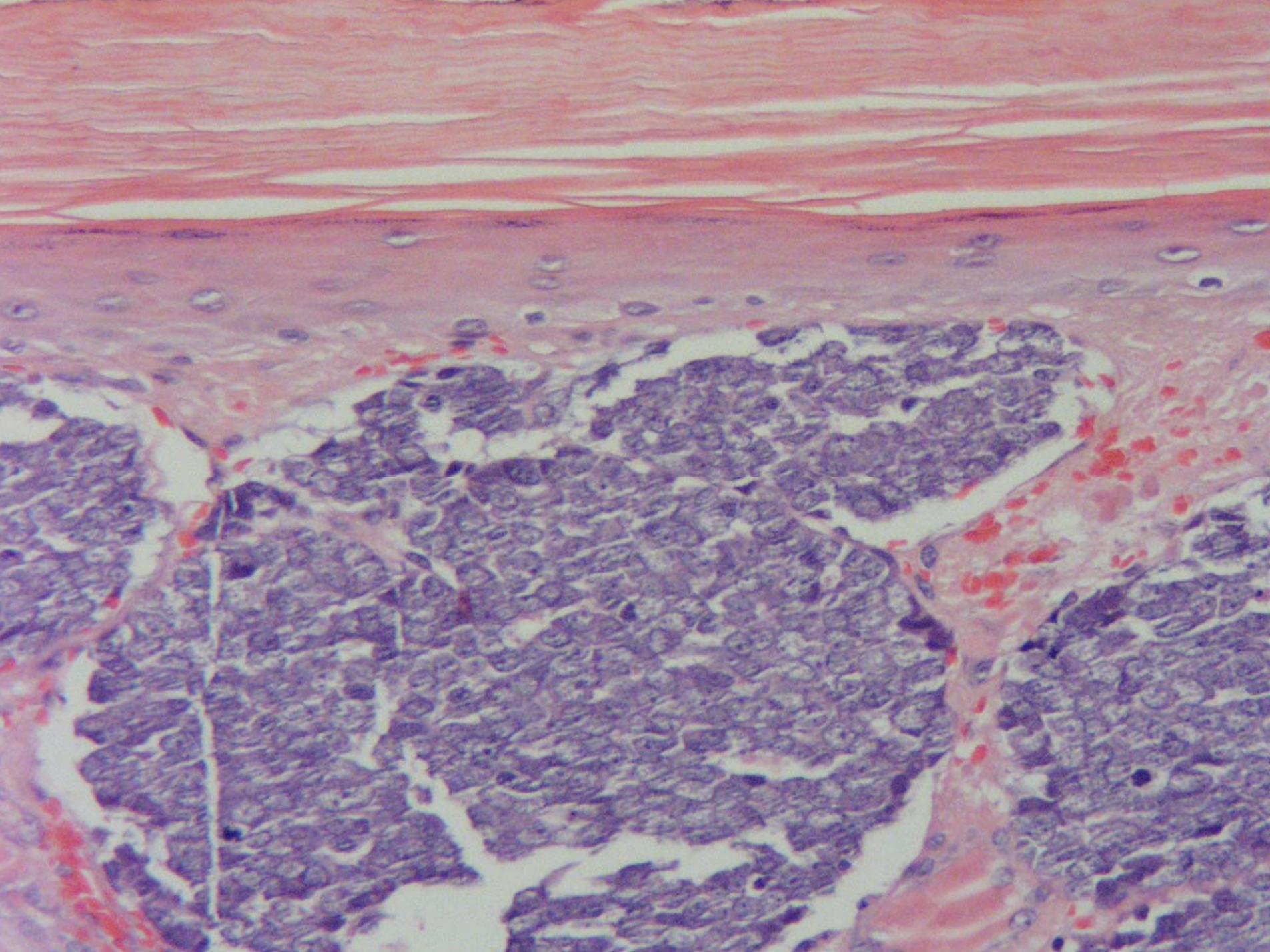
Histopathology

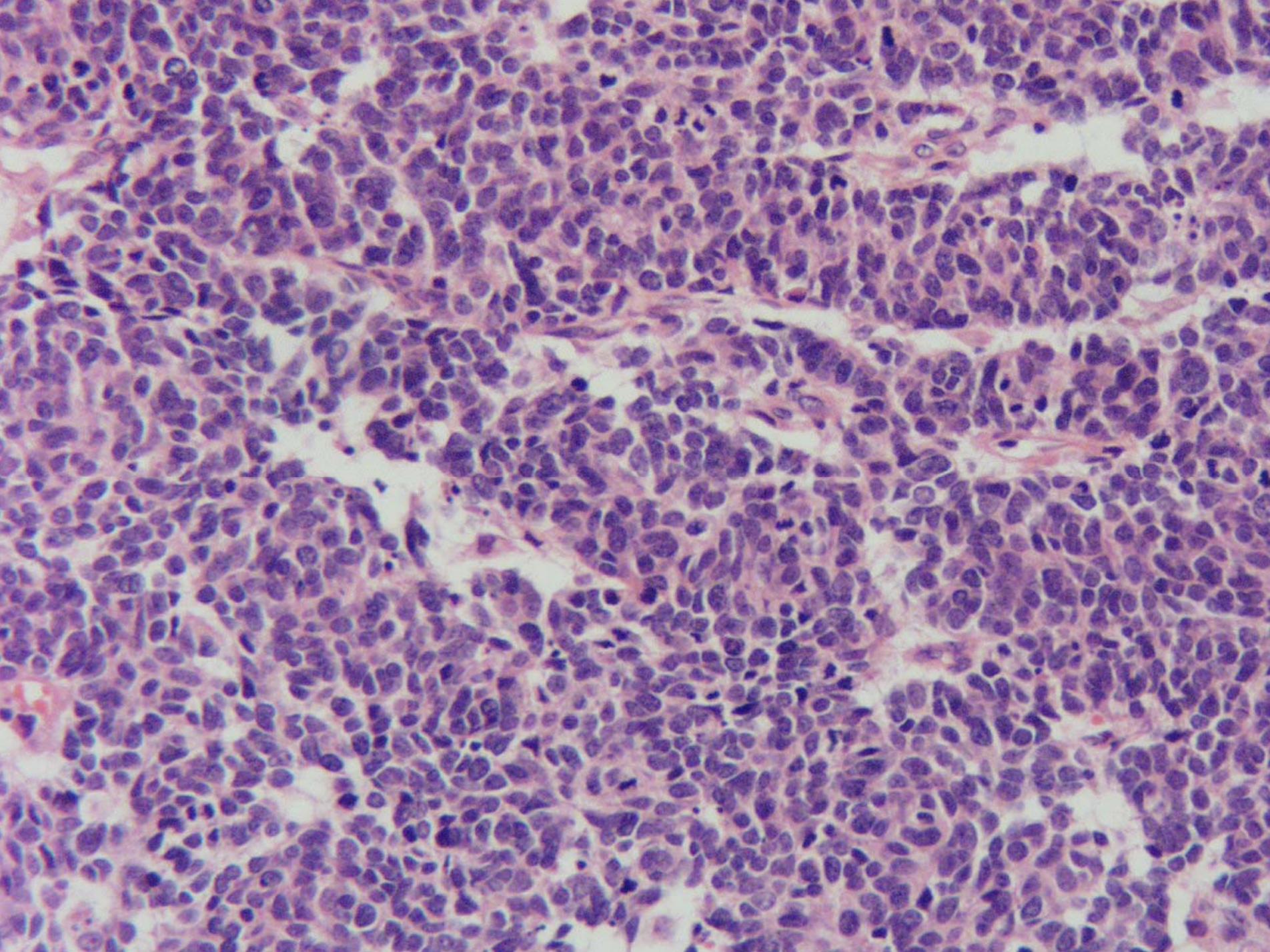


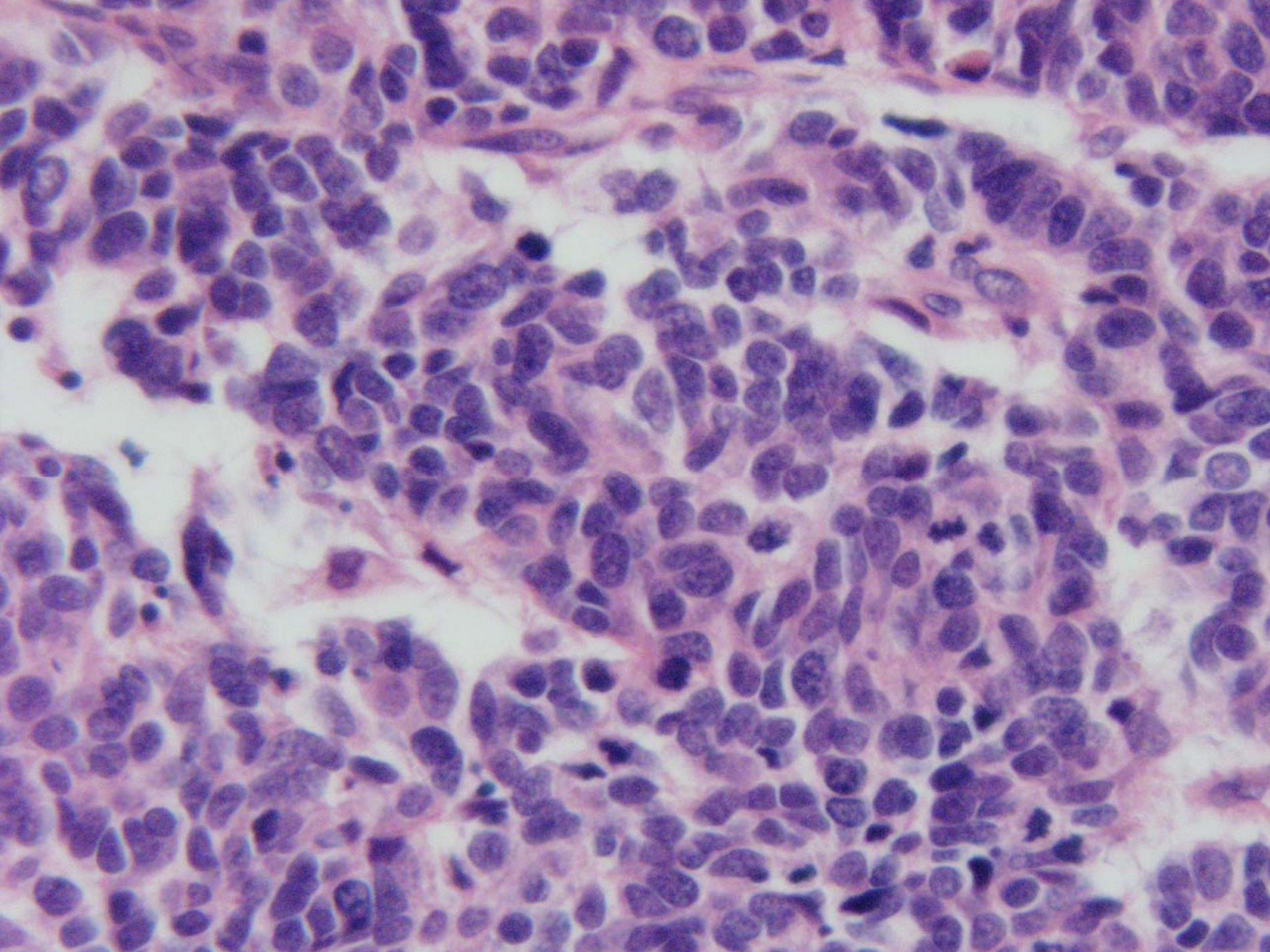
- Basaloid cells with intimate stromal-tumor interaction
- Immature pilar differentiation
- Stromal demarcated from surrounding dermis

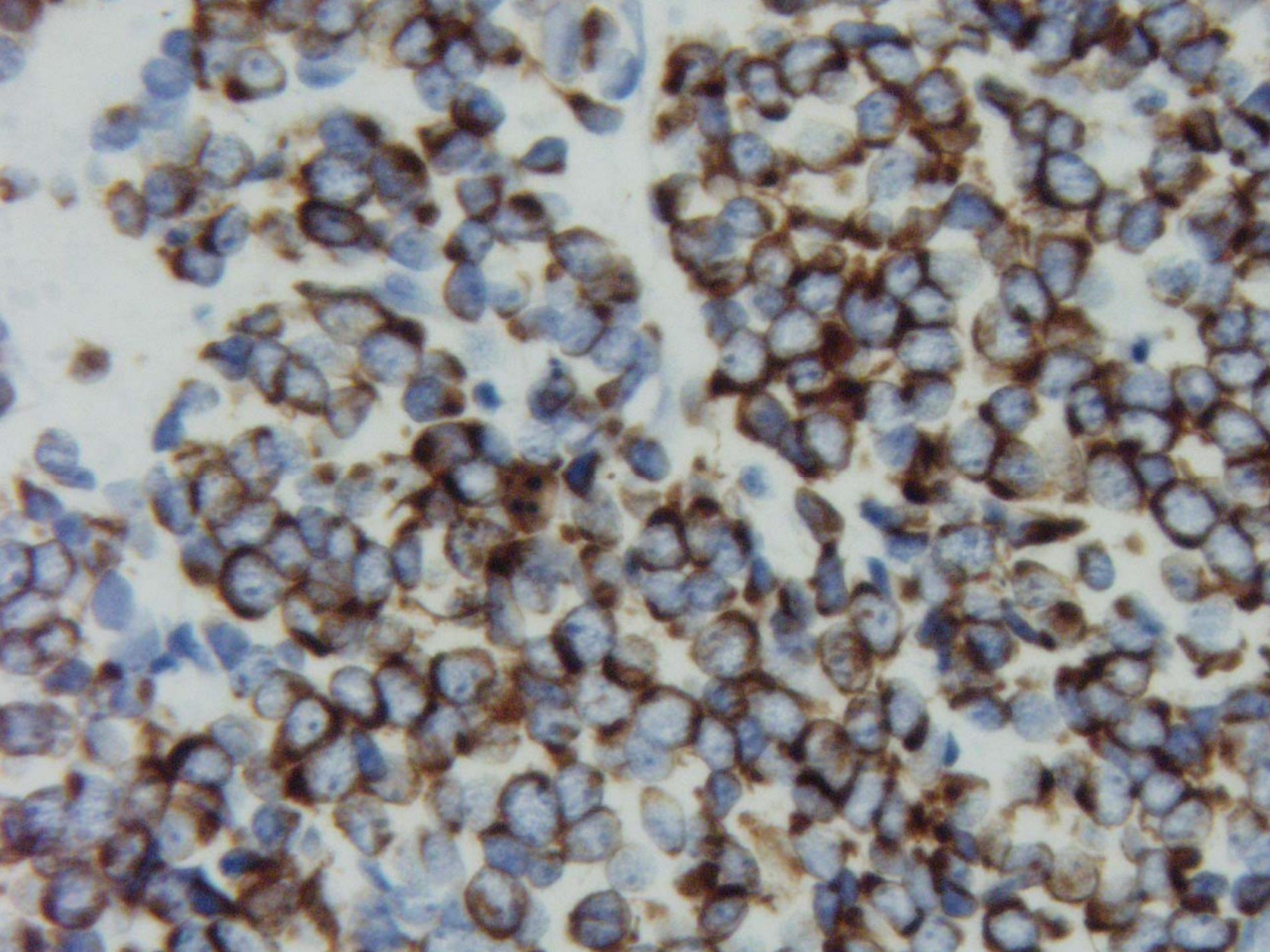


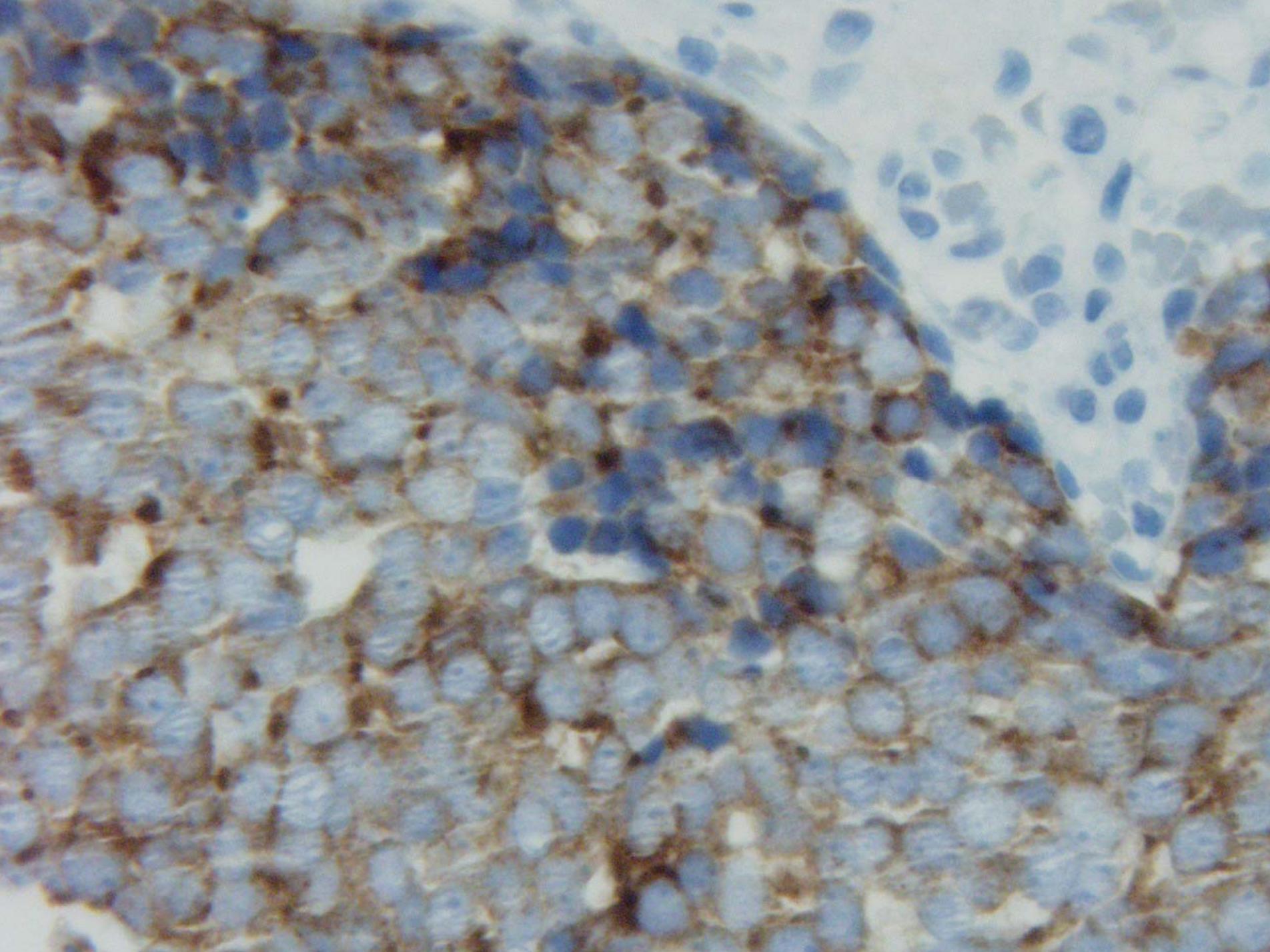












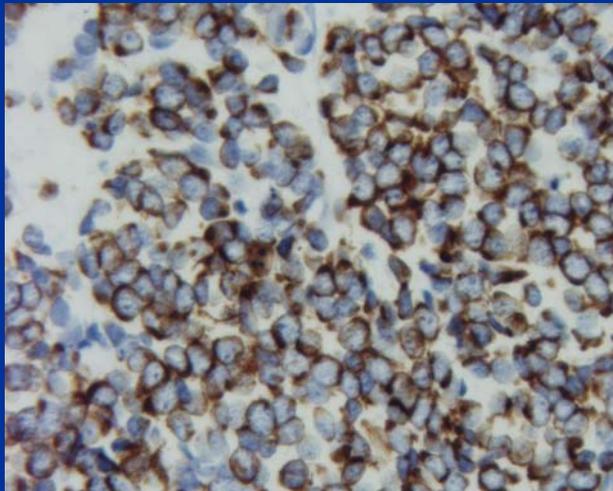
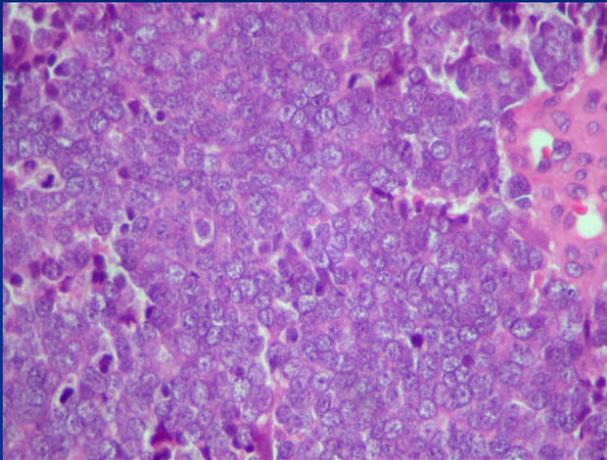
Merkel Cell Carcinoma

Clinical



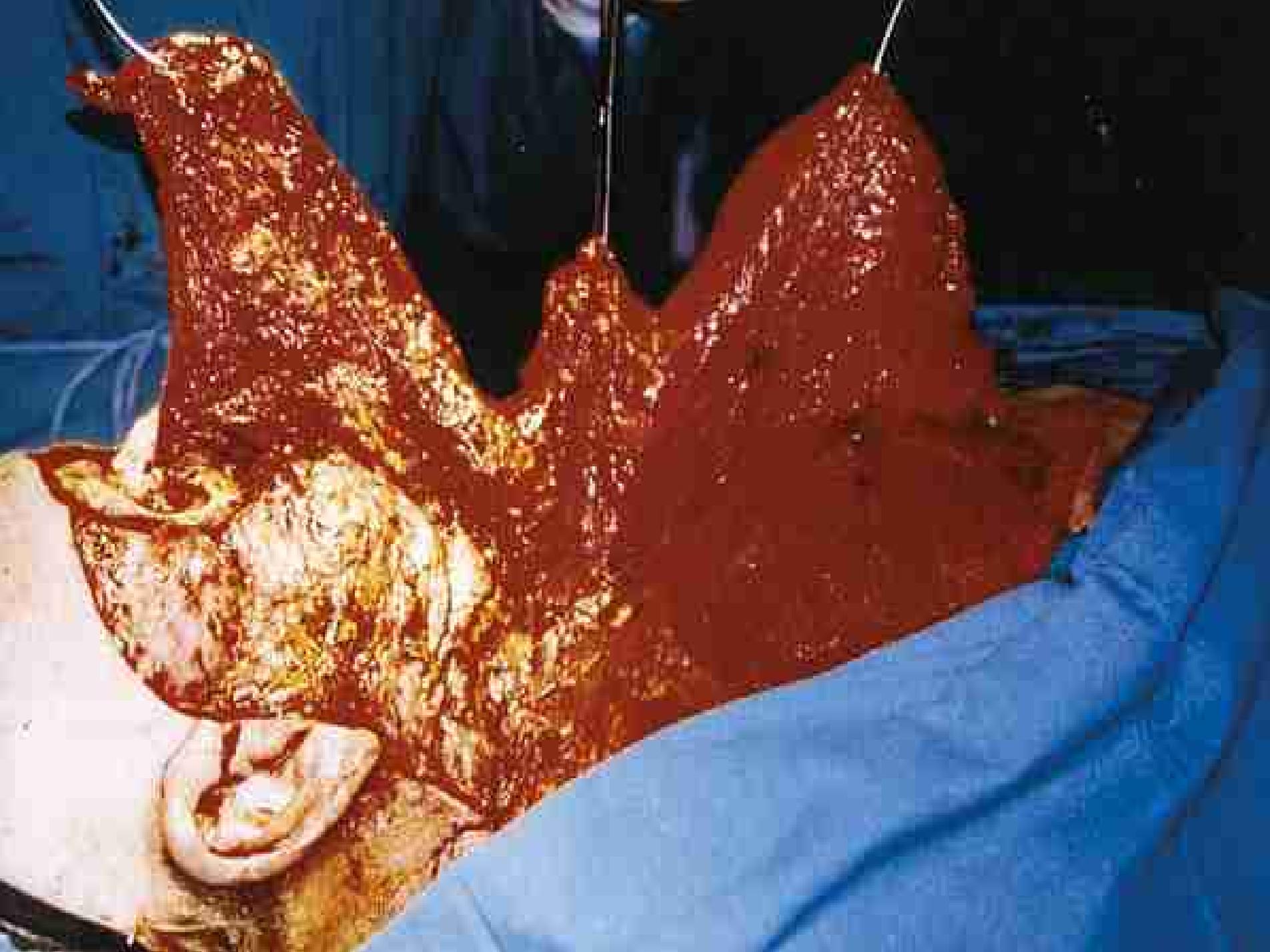
- M>F
- 5-8th decades
- Sun damaged skin, predominately head and neck
- 3-5 cm tumors, may ulcerate
- Mets to local LN, lung, liver, bones

Histopathology



- Hyperchromatic round to oval cells with nuclear molding
- Stippled chromatin with indistinct nucleoli
- Numerous MF
- Paranuclear dot-like positivity for CK20







PRECISION DYNAMICS

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METRIC

1

2

3

10

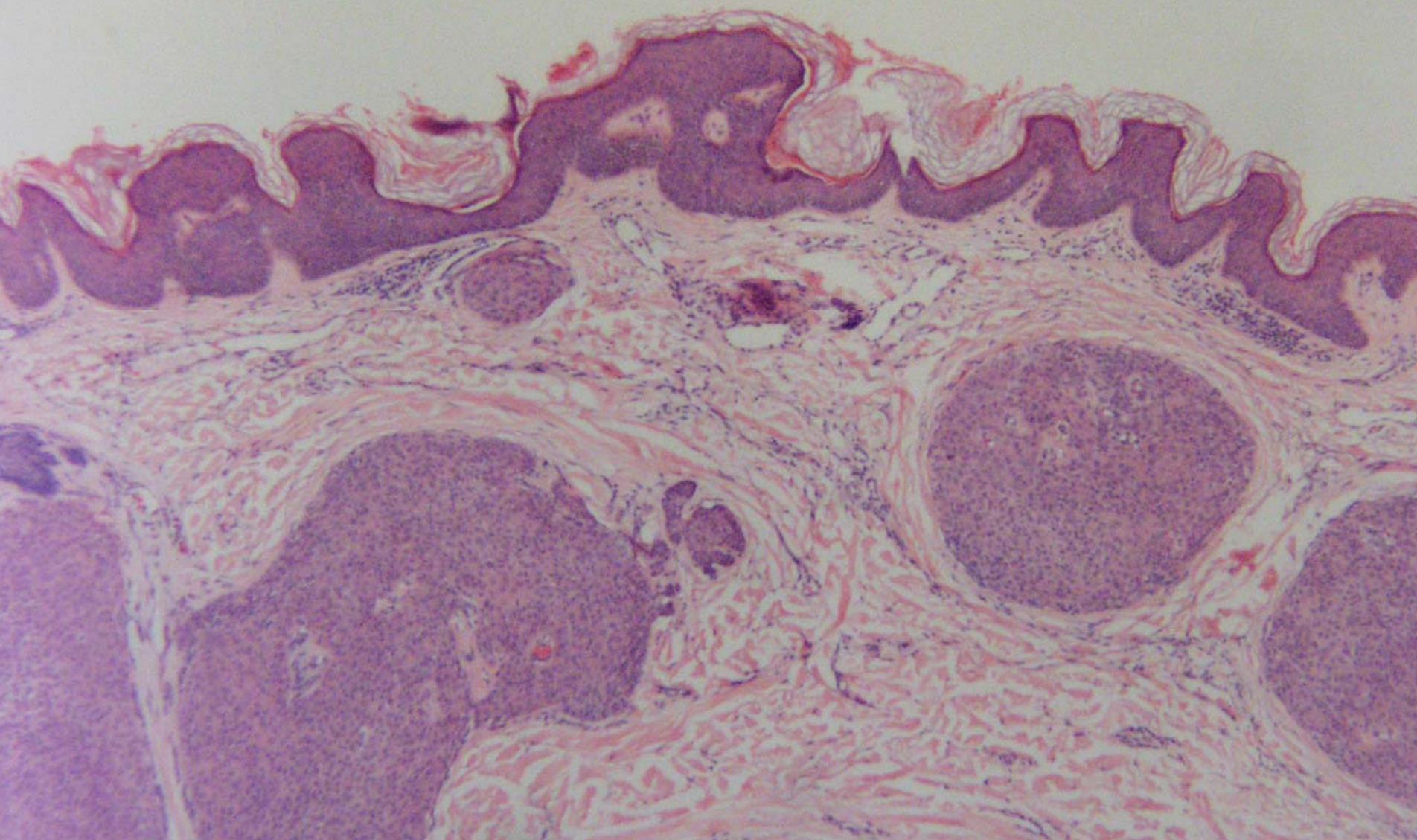
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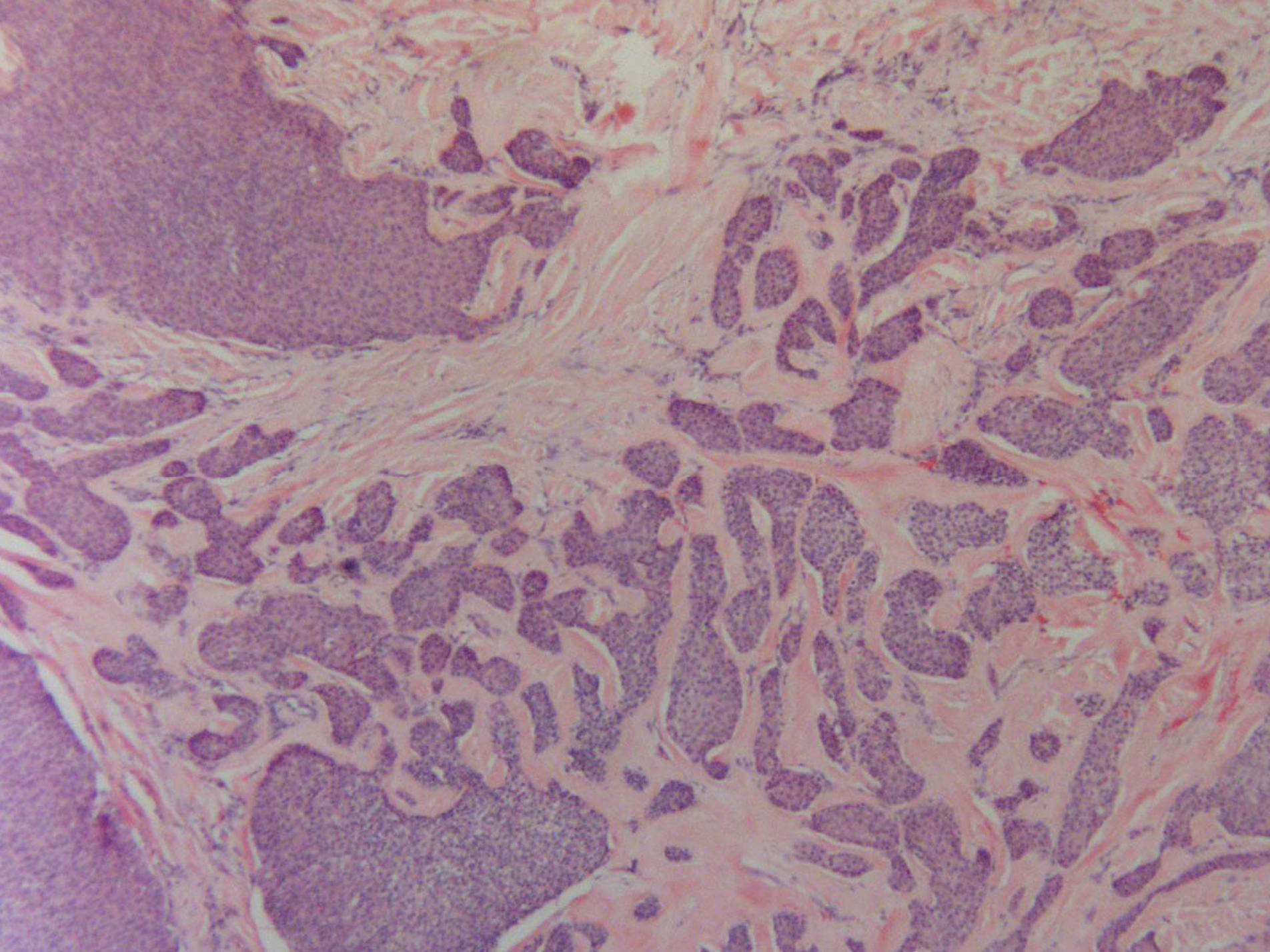
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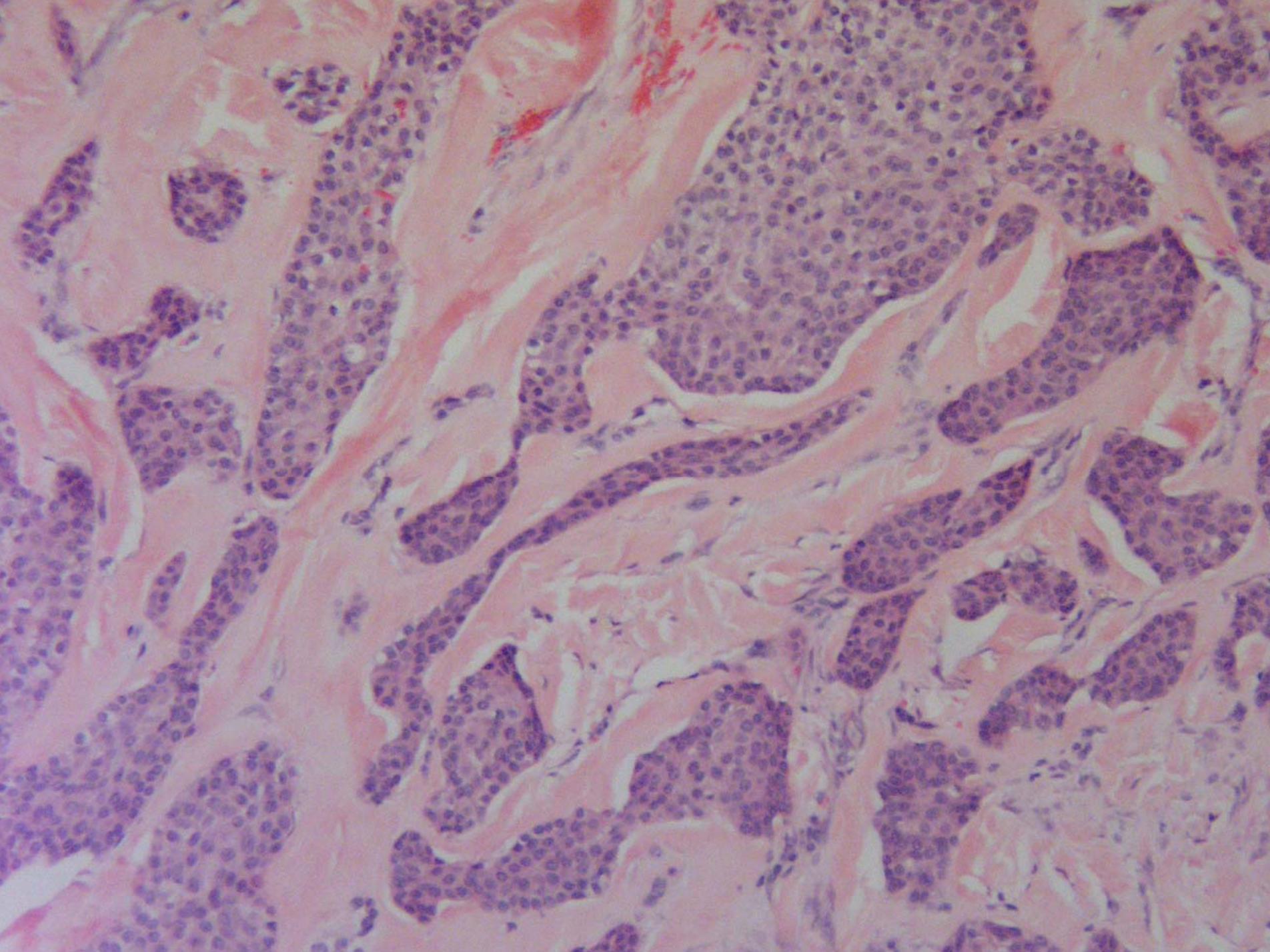
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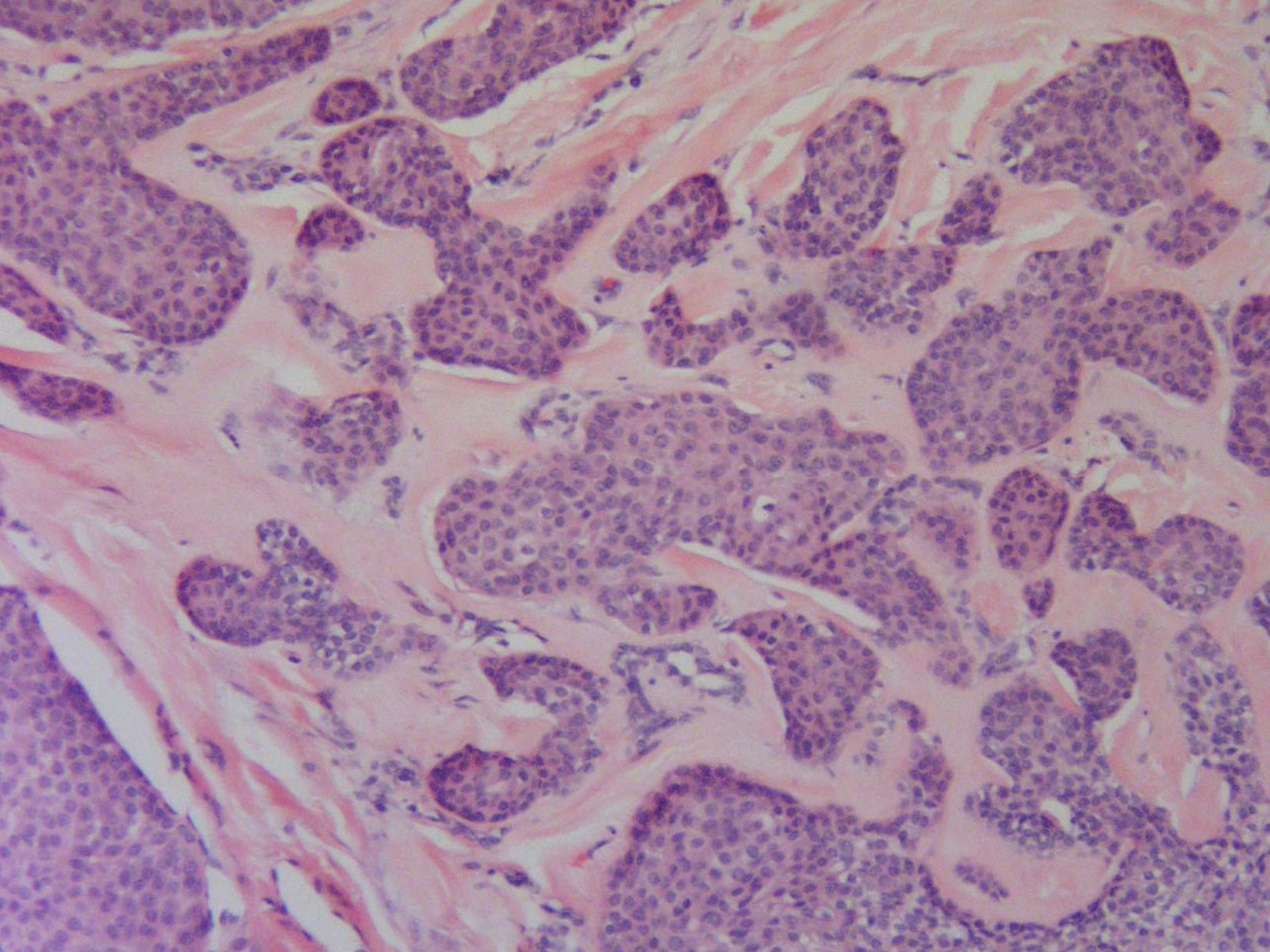
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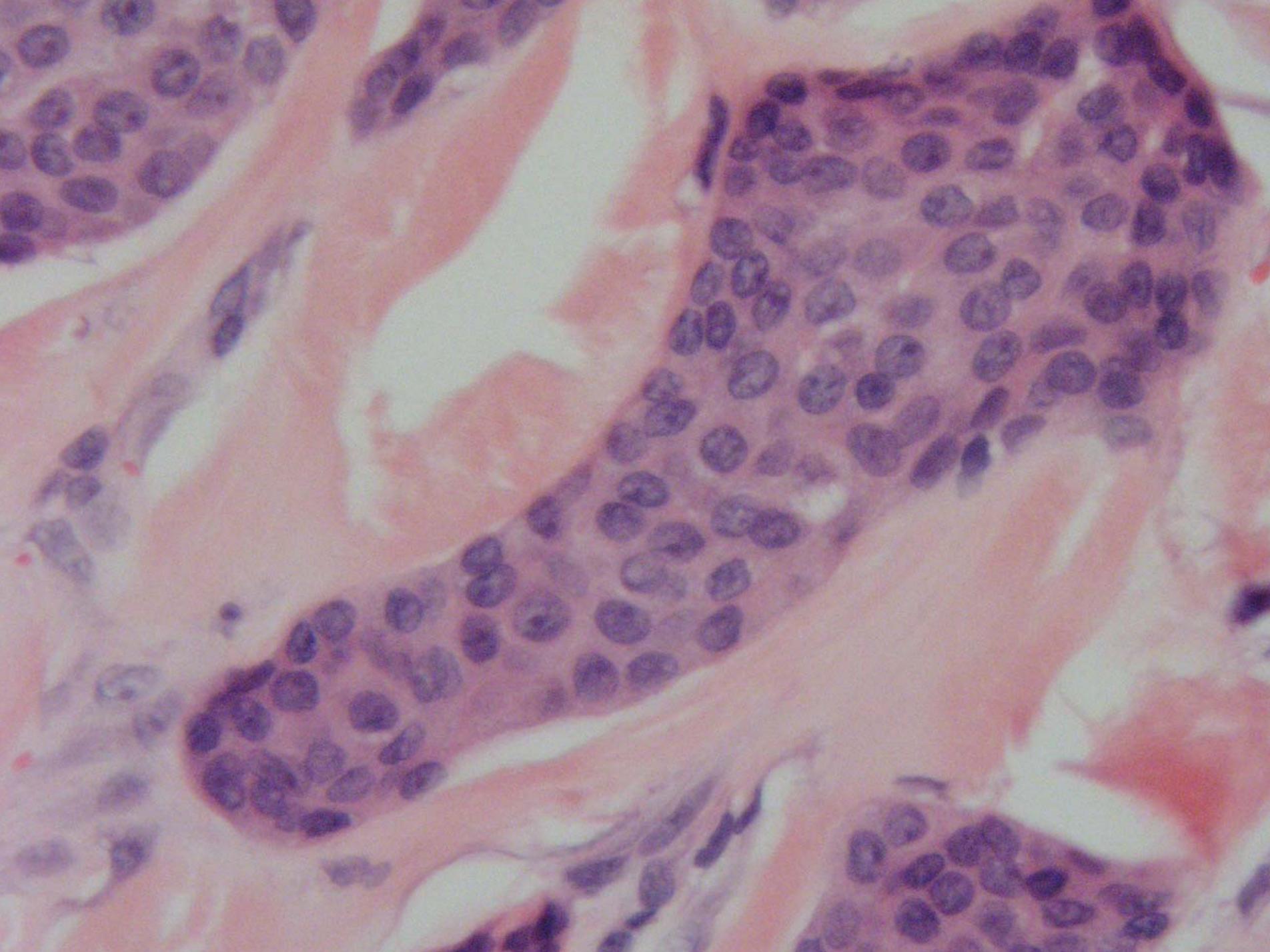
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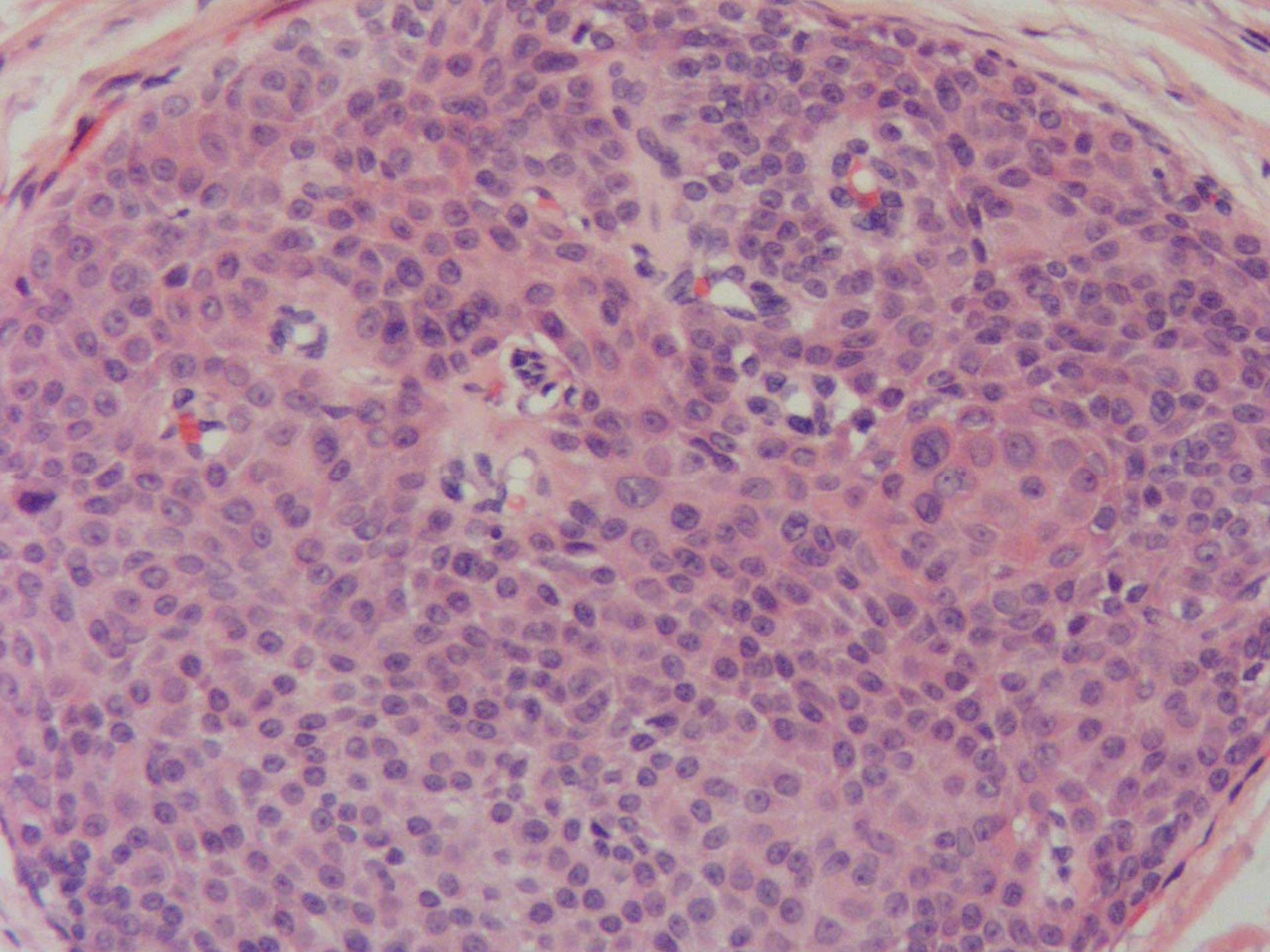


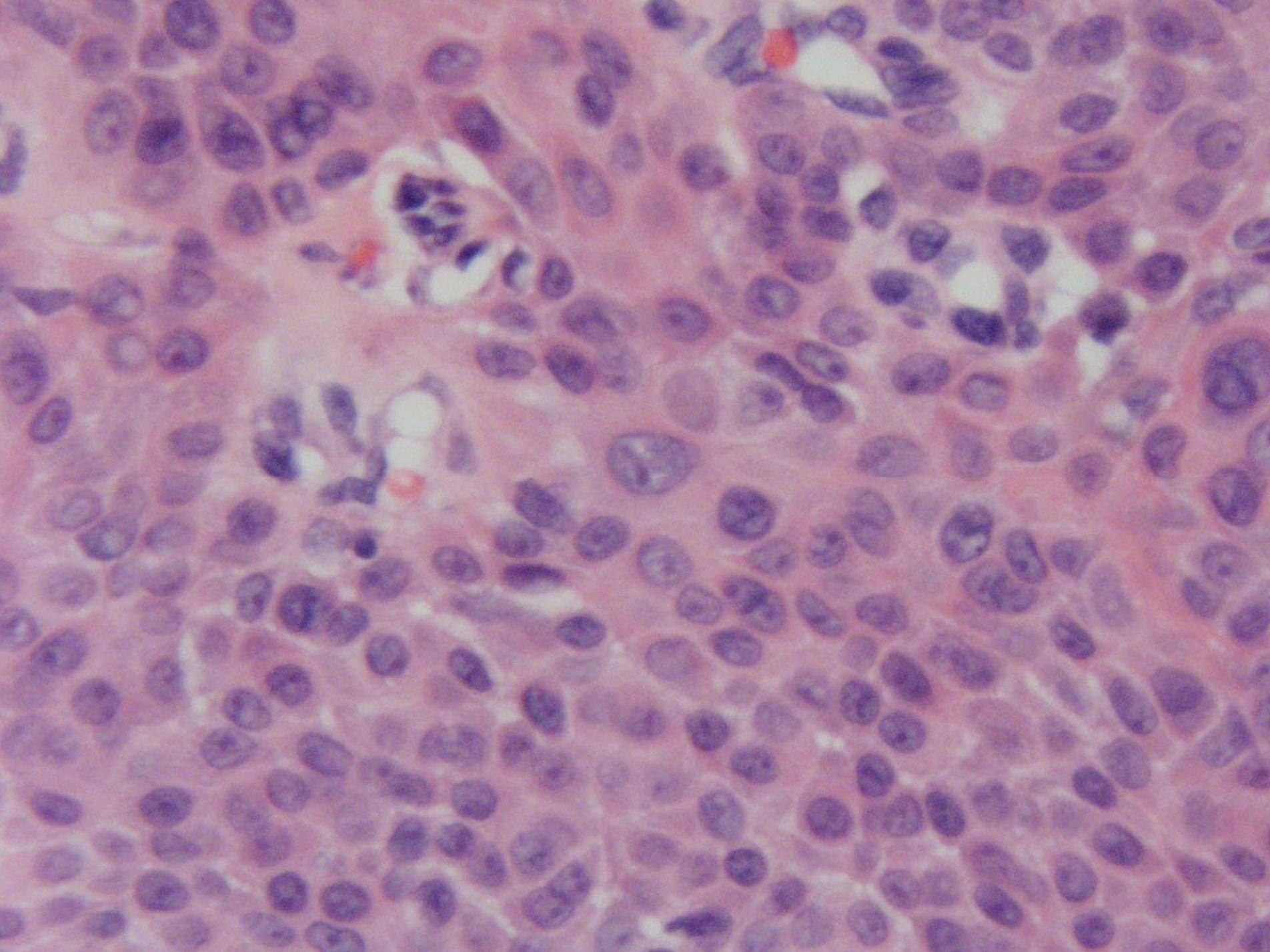


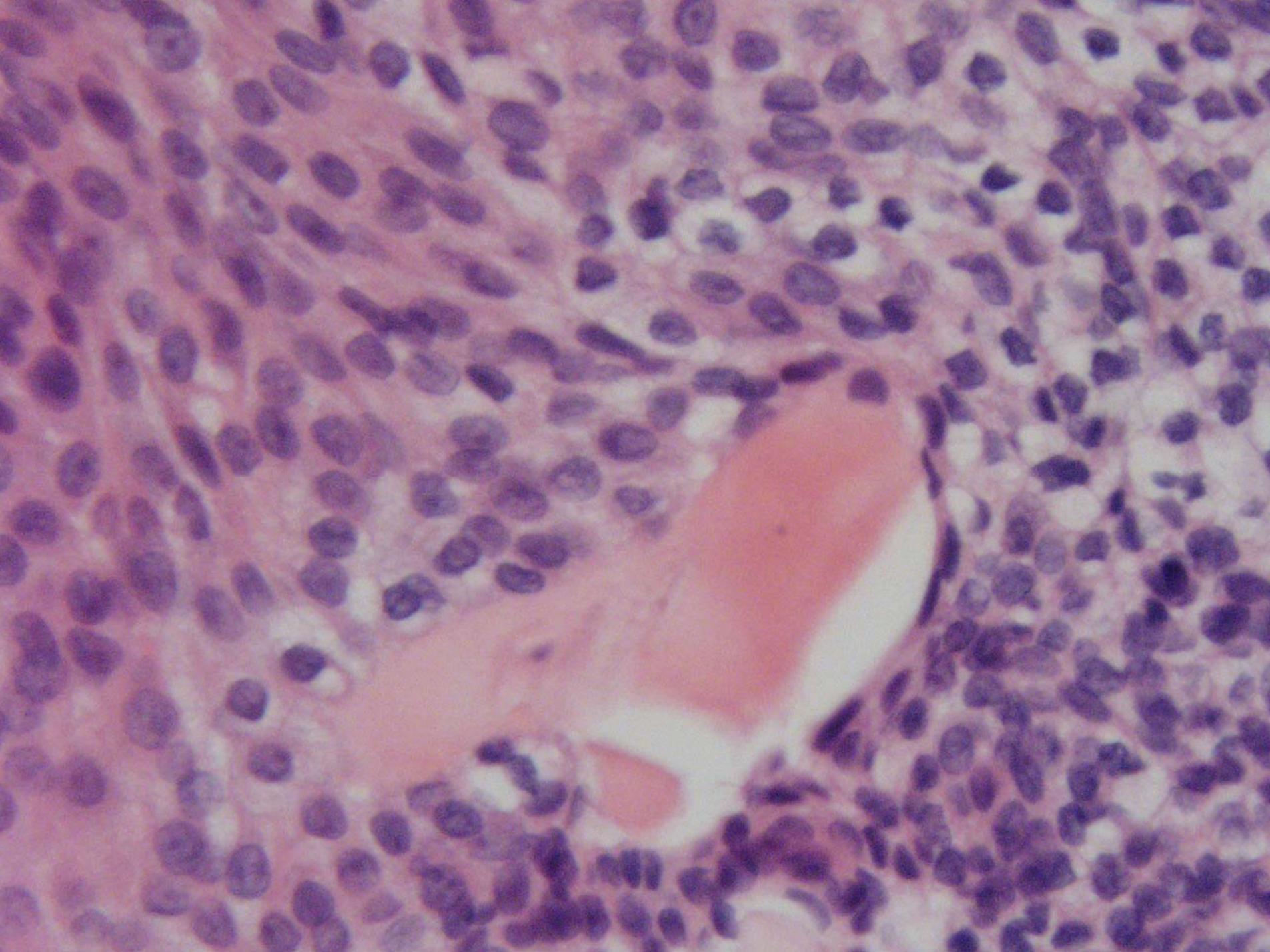


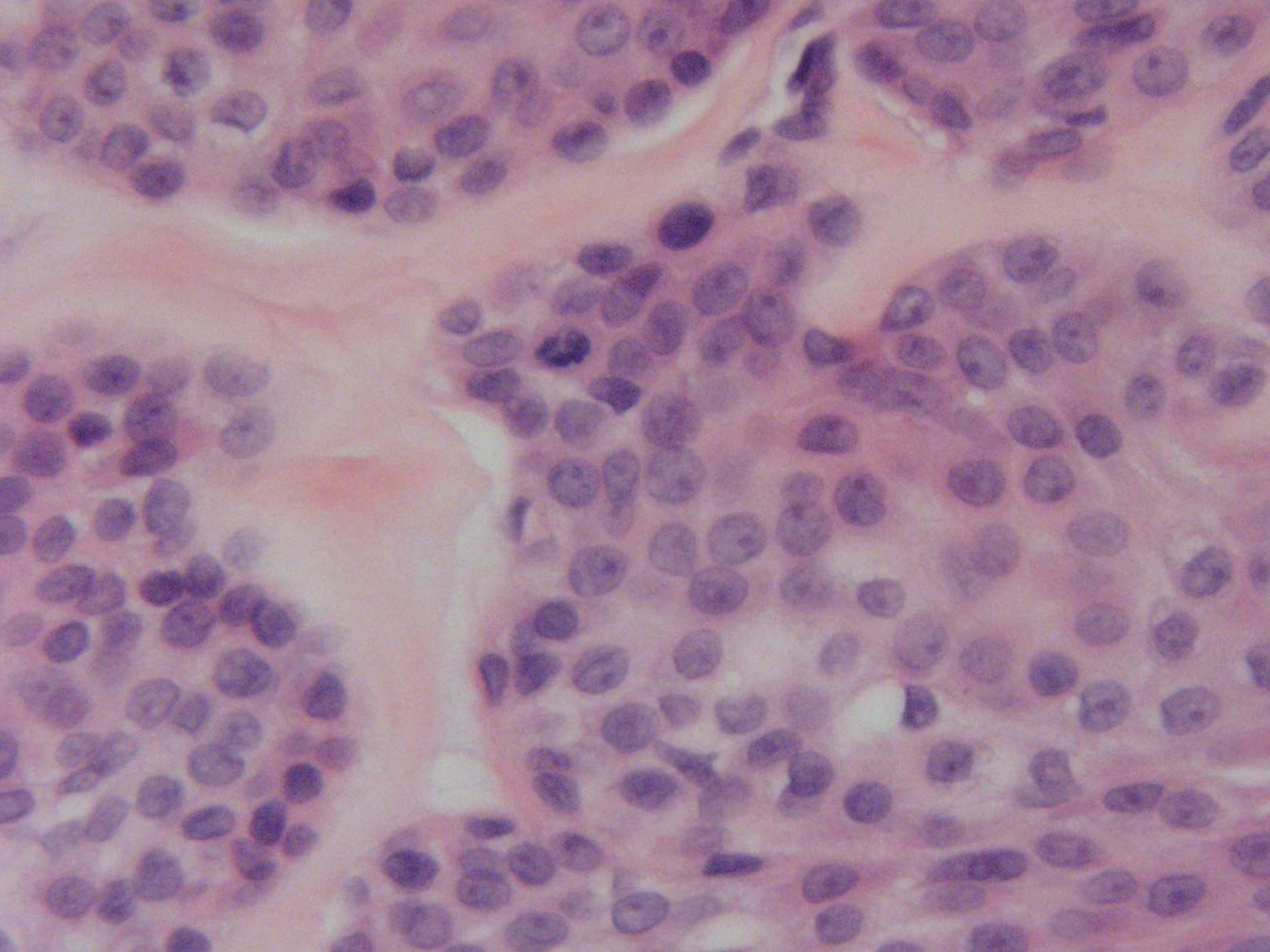






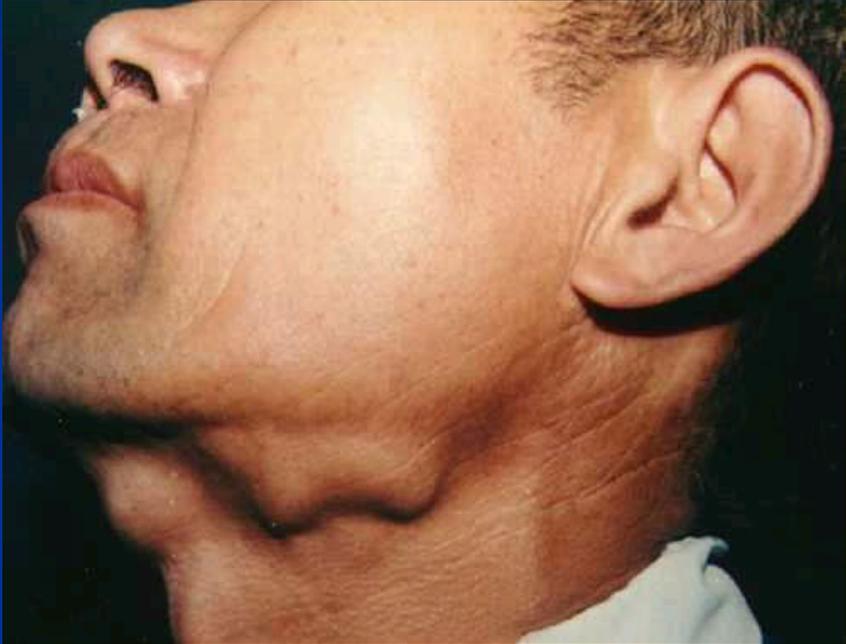






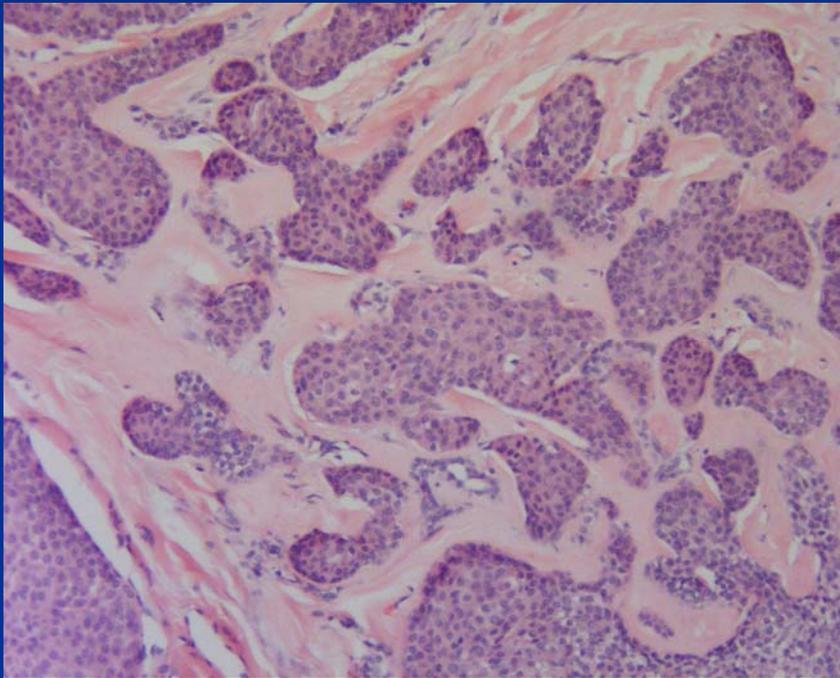
Porocarcinoma

Clinical



- M>F
- 5-7th decades
- May present with regional LN mets

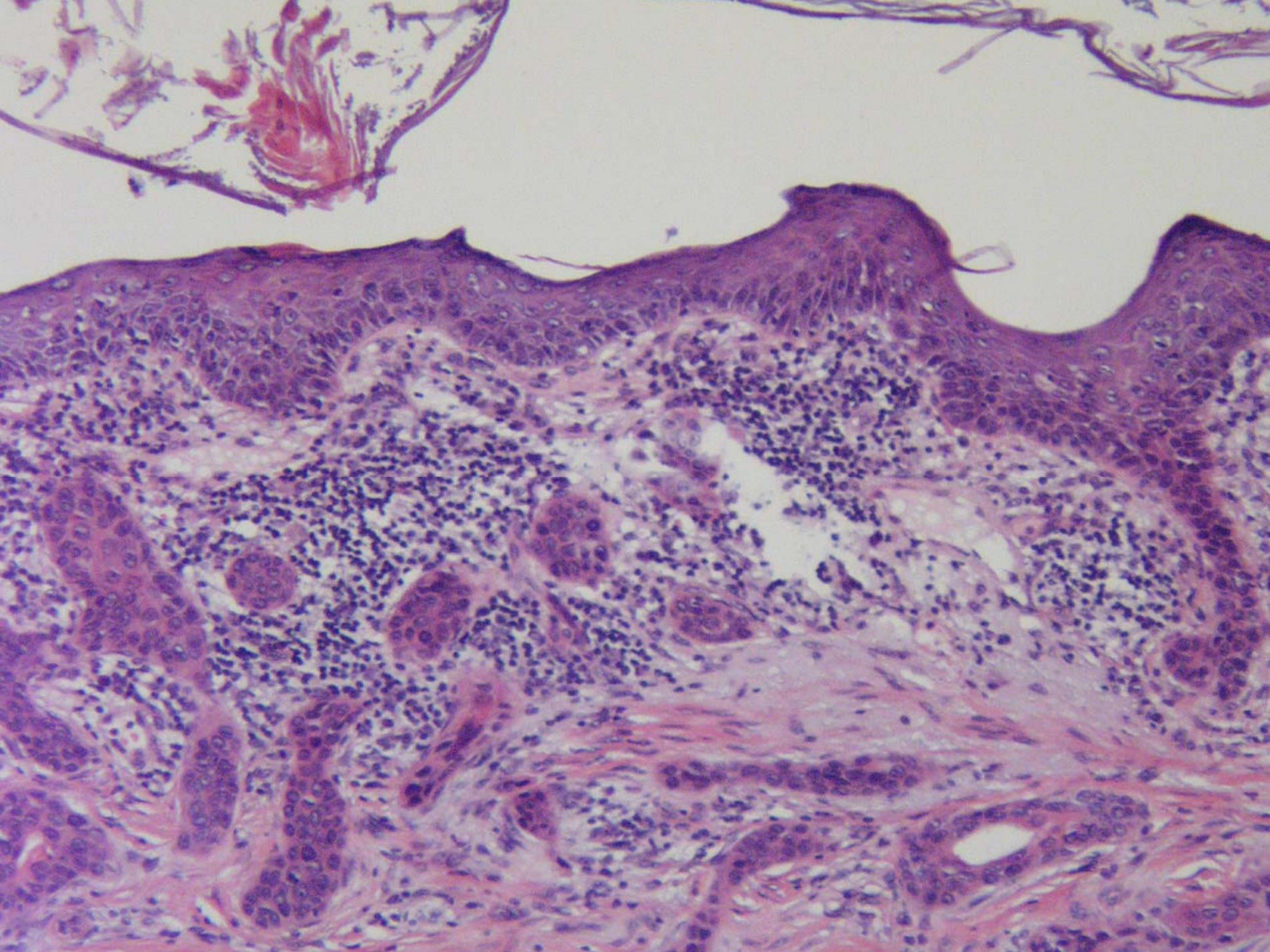
Histopathology

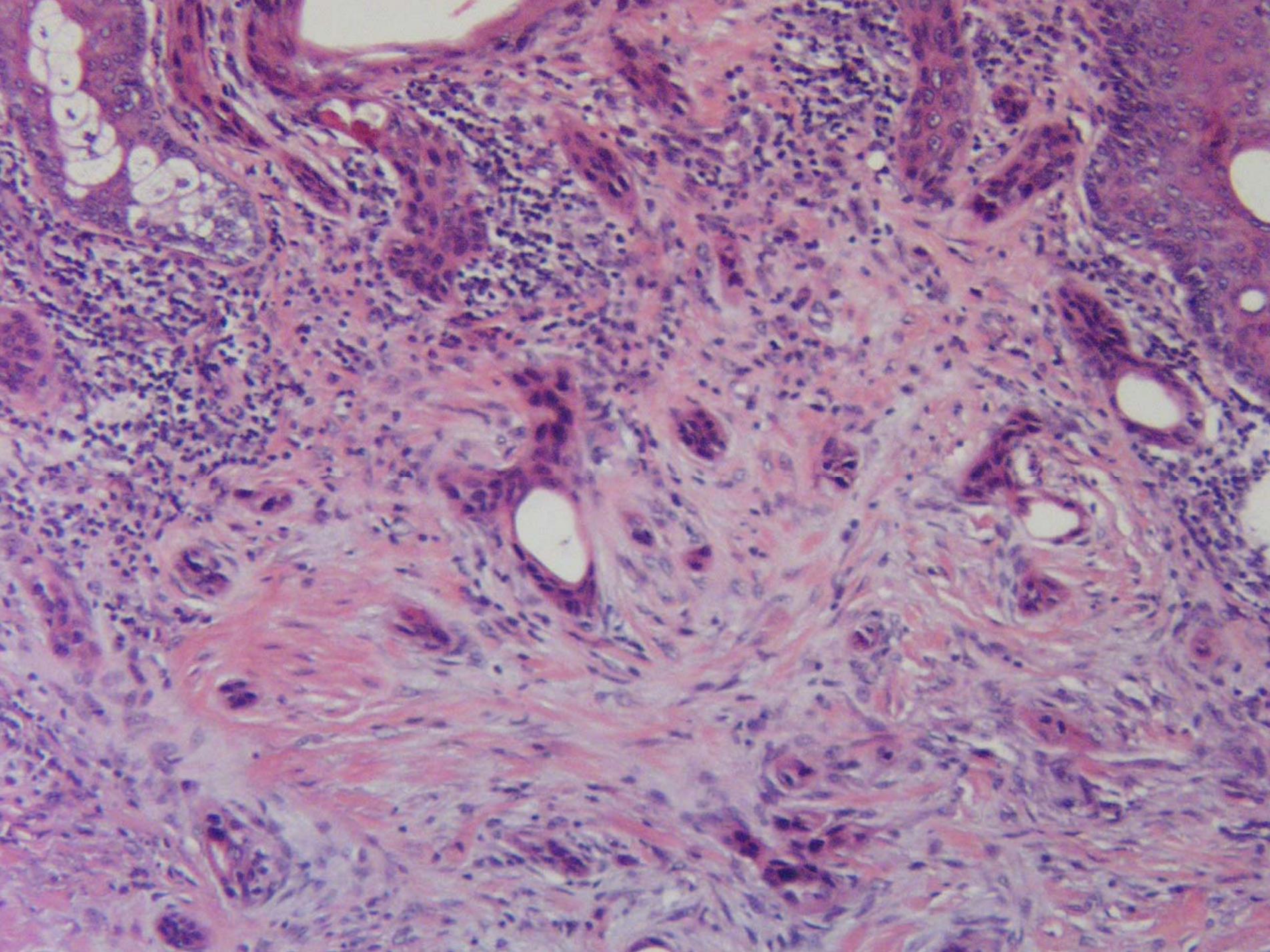


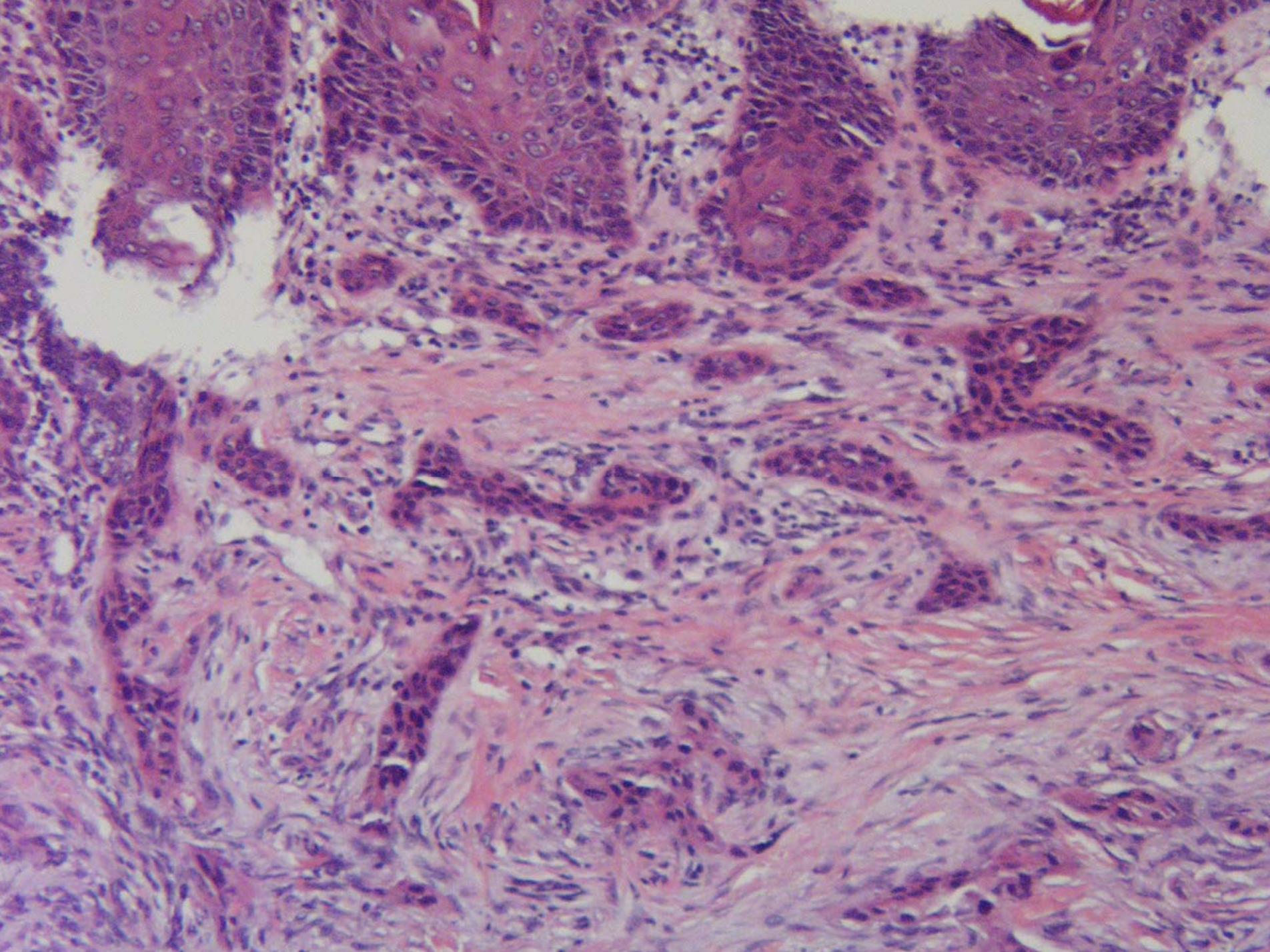
- Epidermal attachment
- Infiltrative nests of squamous cells
- Ductal differentiation
- Sclerosis with BM hyalinization
- Increased MF
- Perineural/LV invasion

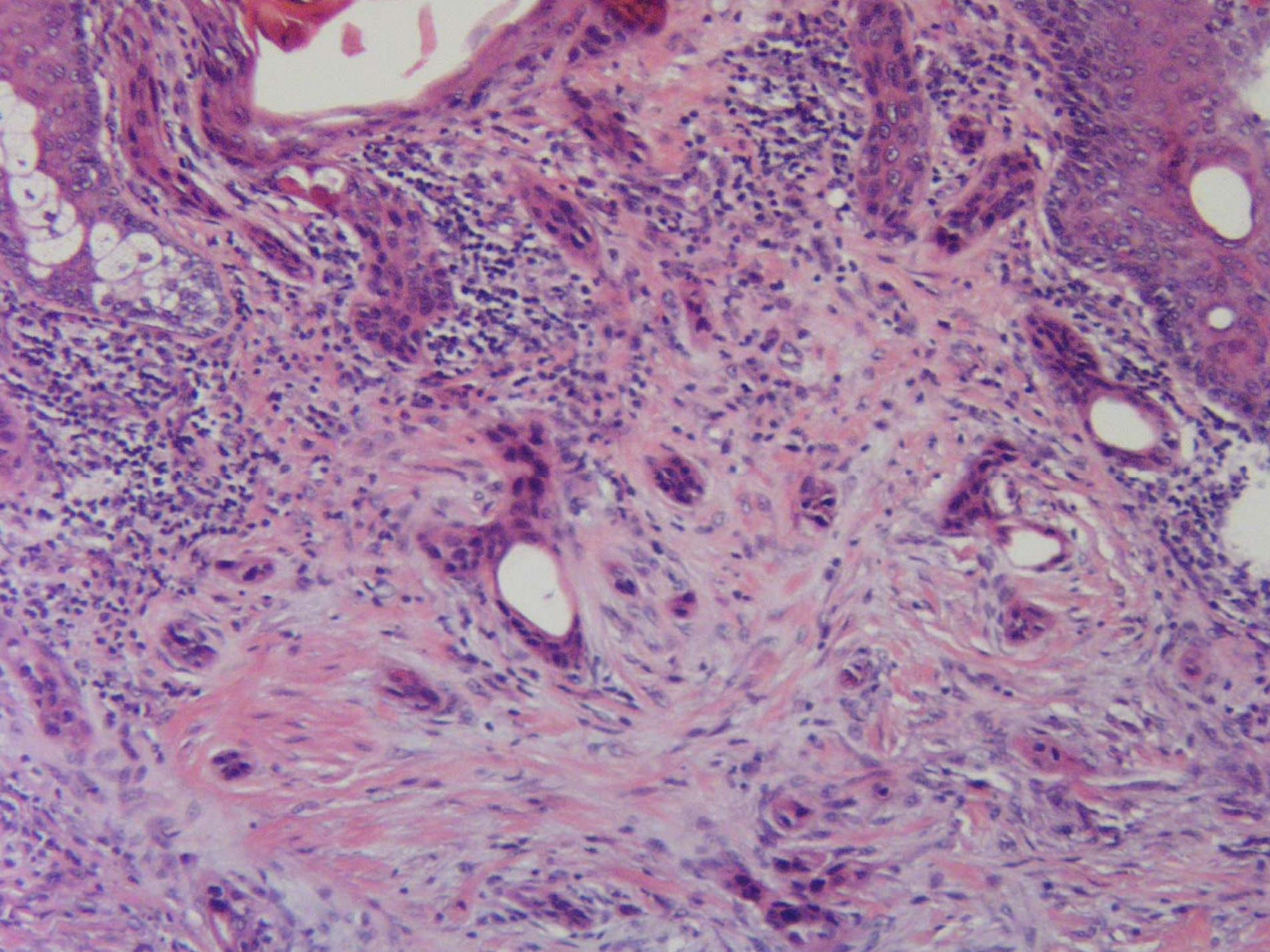


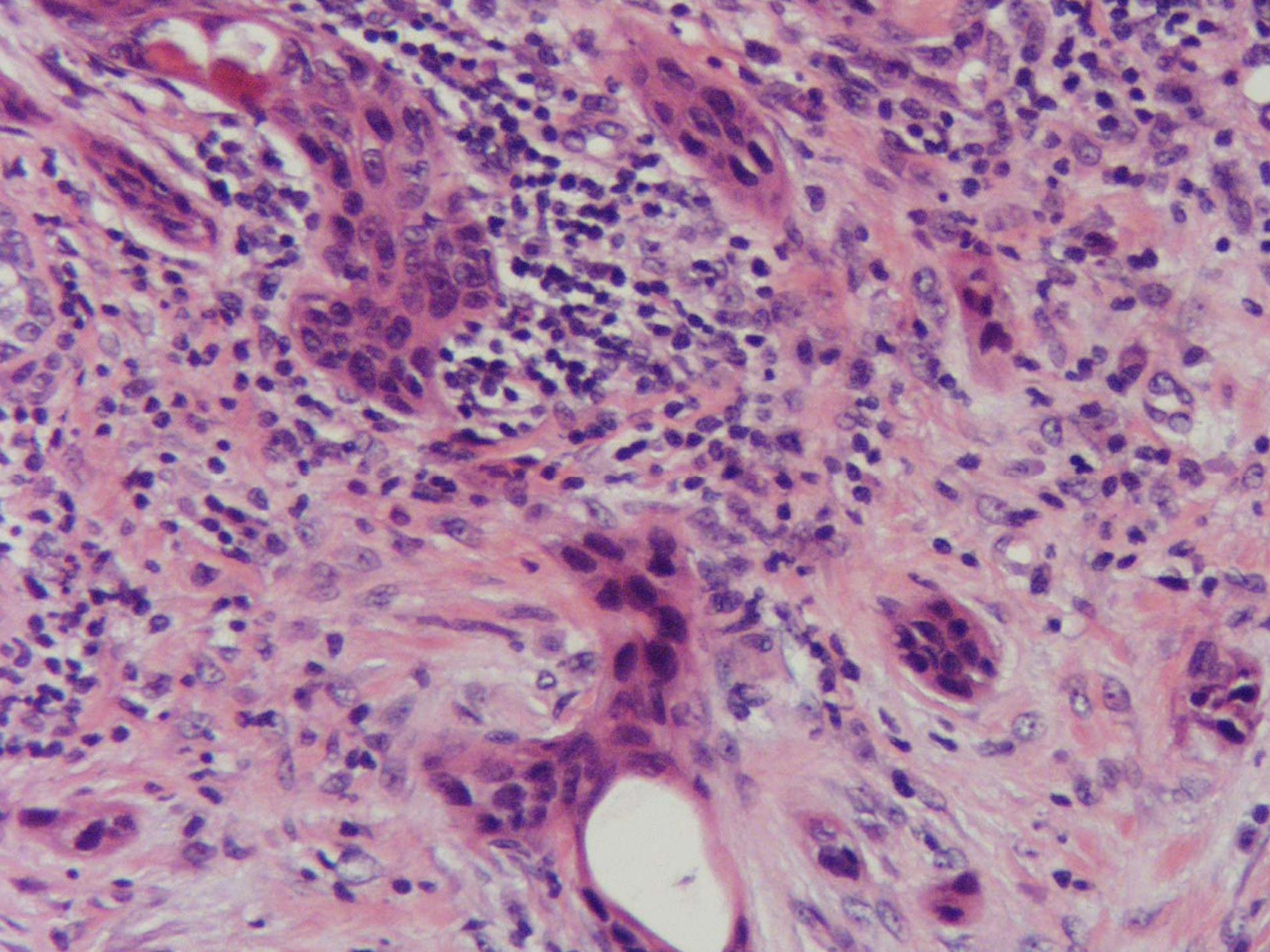


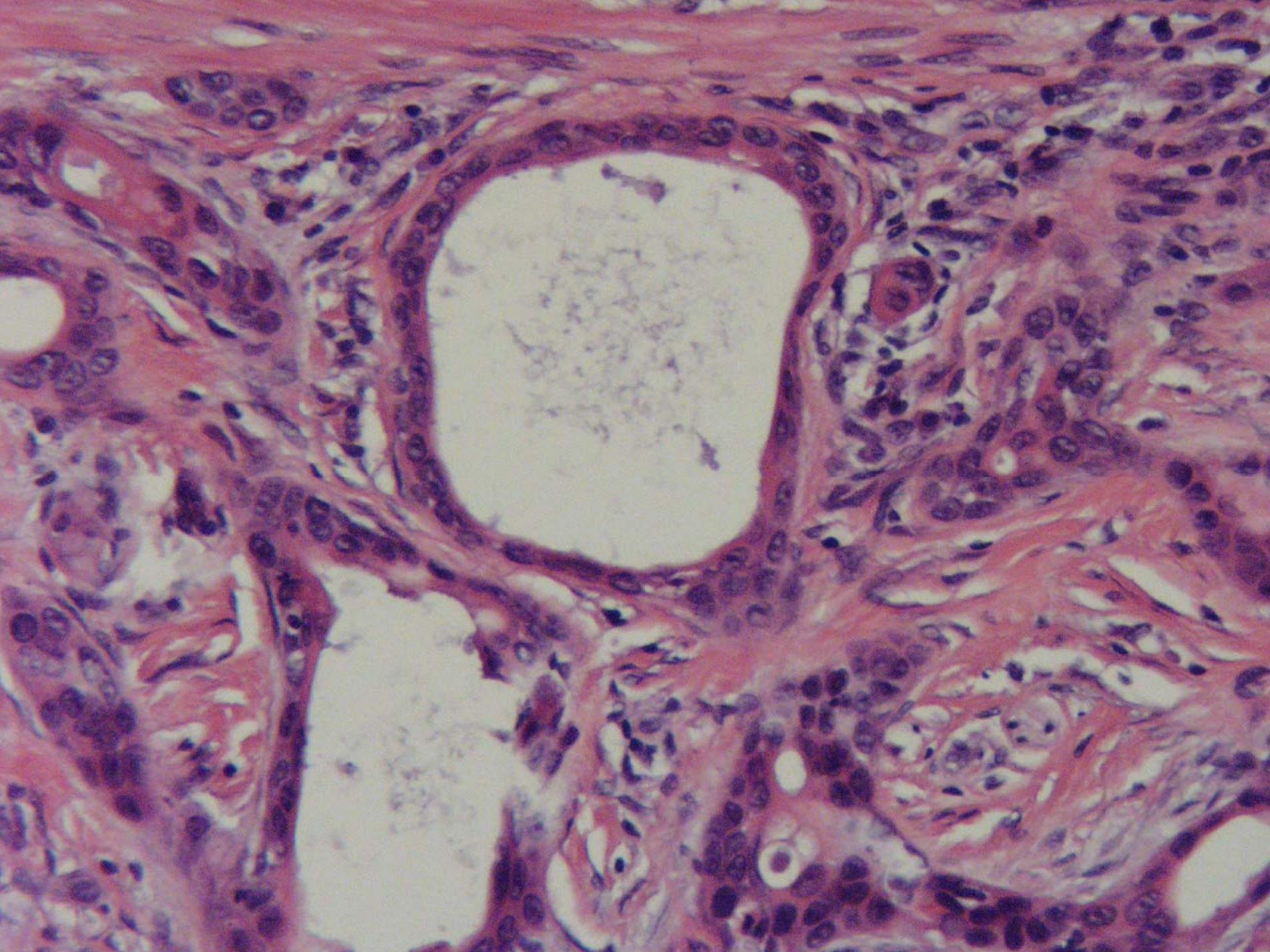


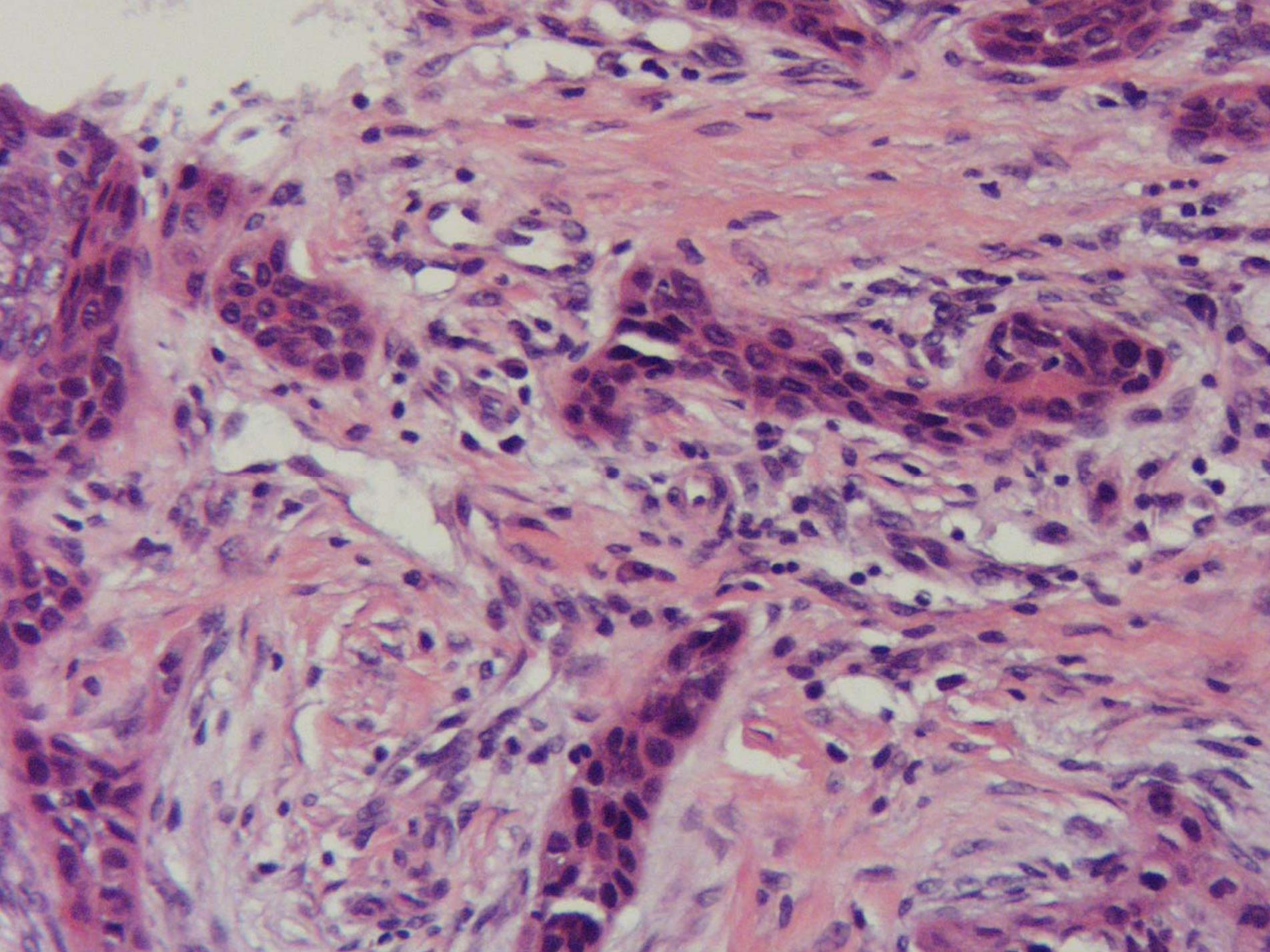


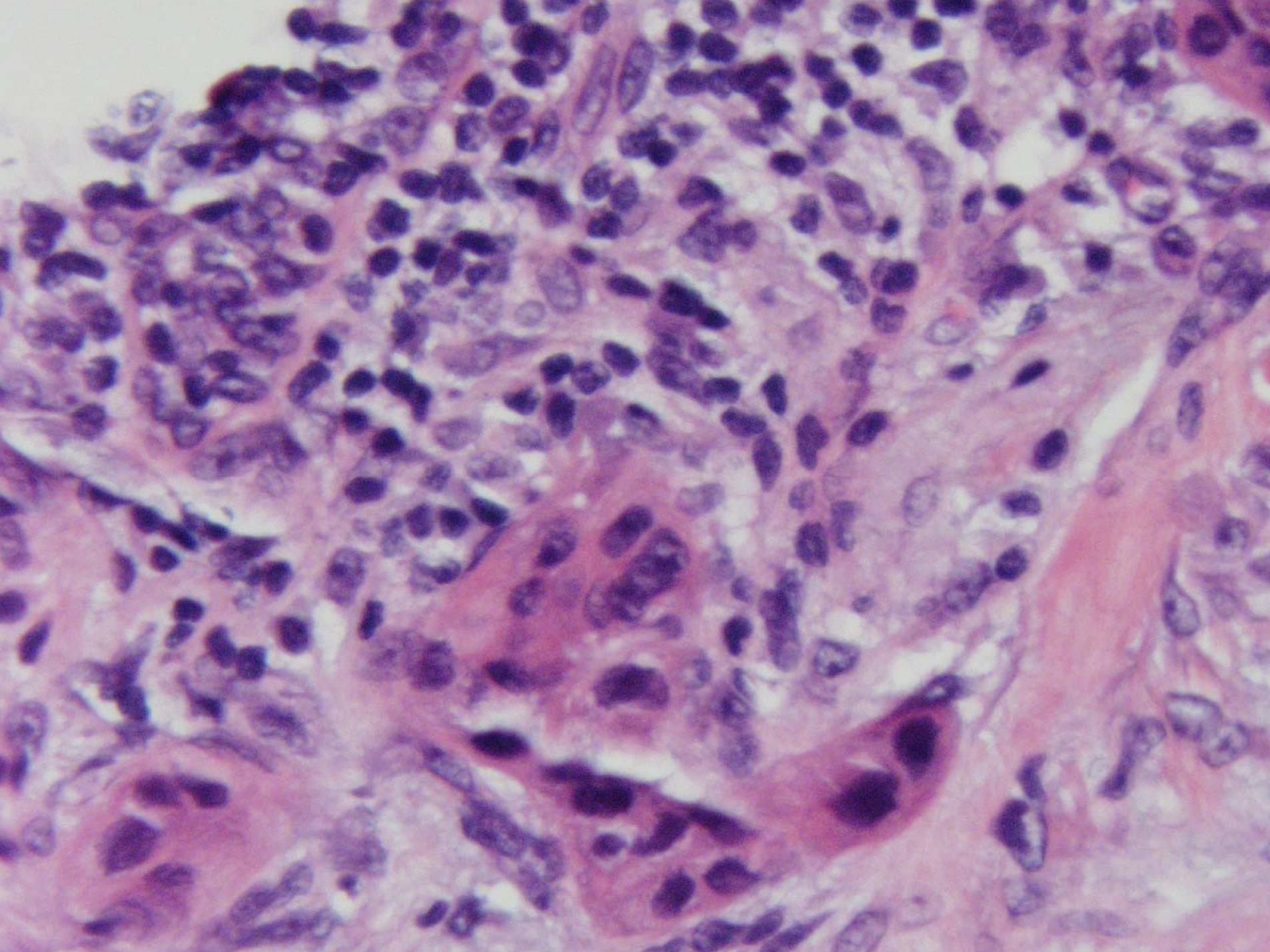


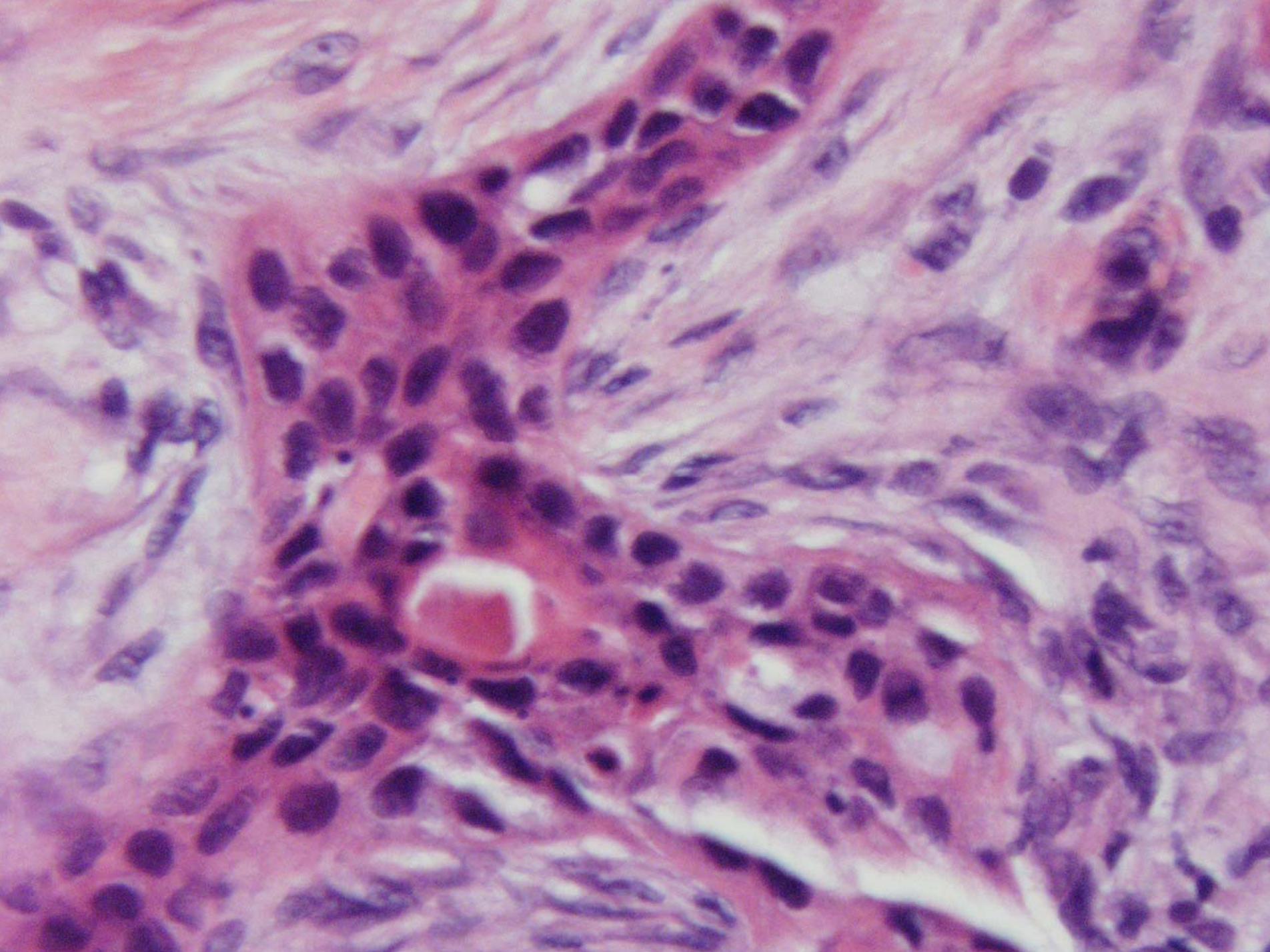


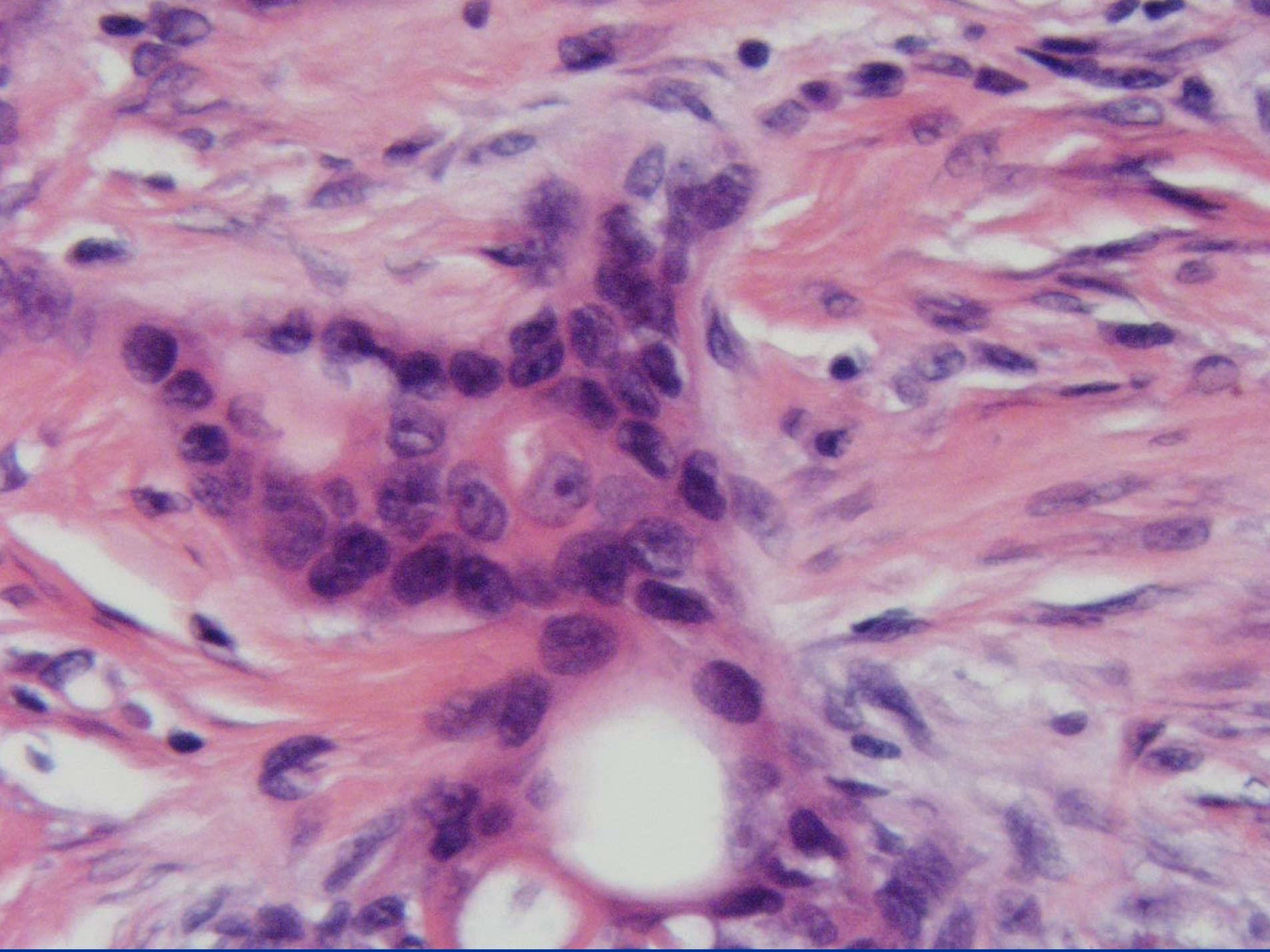












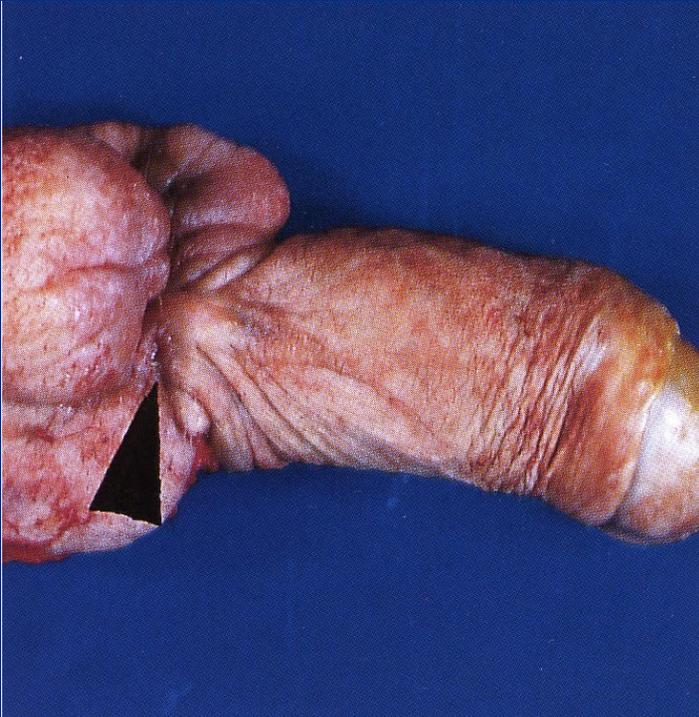
Microcystic Adnexal Carcinoma

Clinical



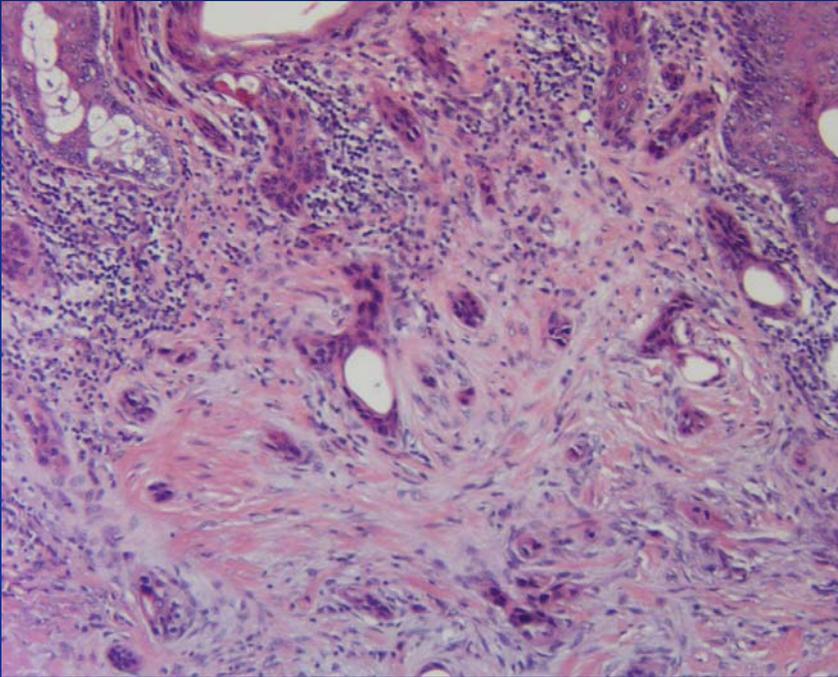
- Indolent onset, often indurated plaque or nodule
- Usually asymptomatic, occ. painful
- Numbness or paresthesia with perineural infiltration
- Head and neck, esp. upper lip

Clinical



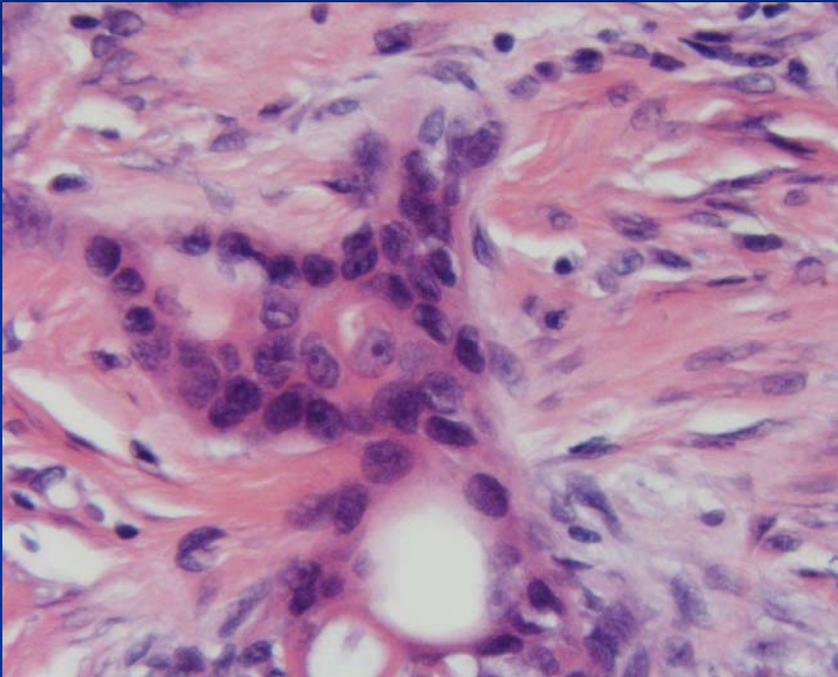
- High morbidity; 1 reported death
- Whites except one case (black)
- Possible female predominance
- Second to the eighth decade of life, most 50-60s

Histopathology



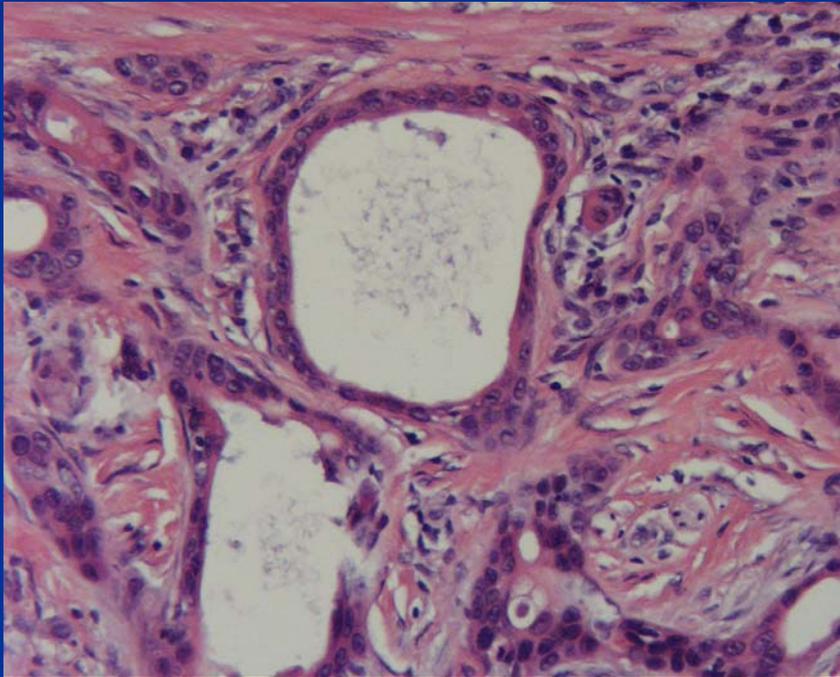
- Deeply infiltrative, asymmetric tumor
- Keratocysts, squamoid or basaloid nests and infiltrating cords, and ductular structures
- Zonation with superficial small keratinizing cysts are lined by squamous epithelium showing little atypia and nests of small basaloid or squamoid cells

Histopathology



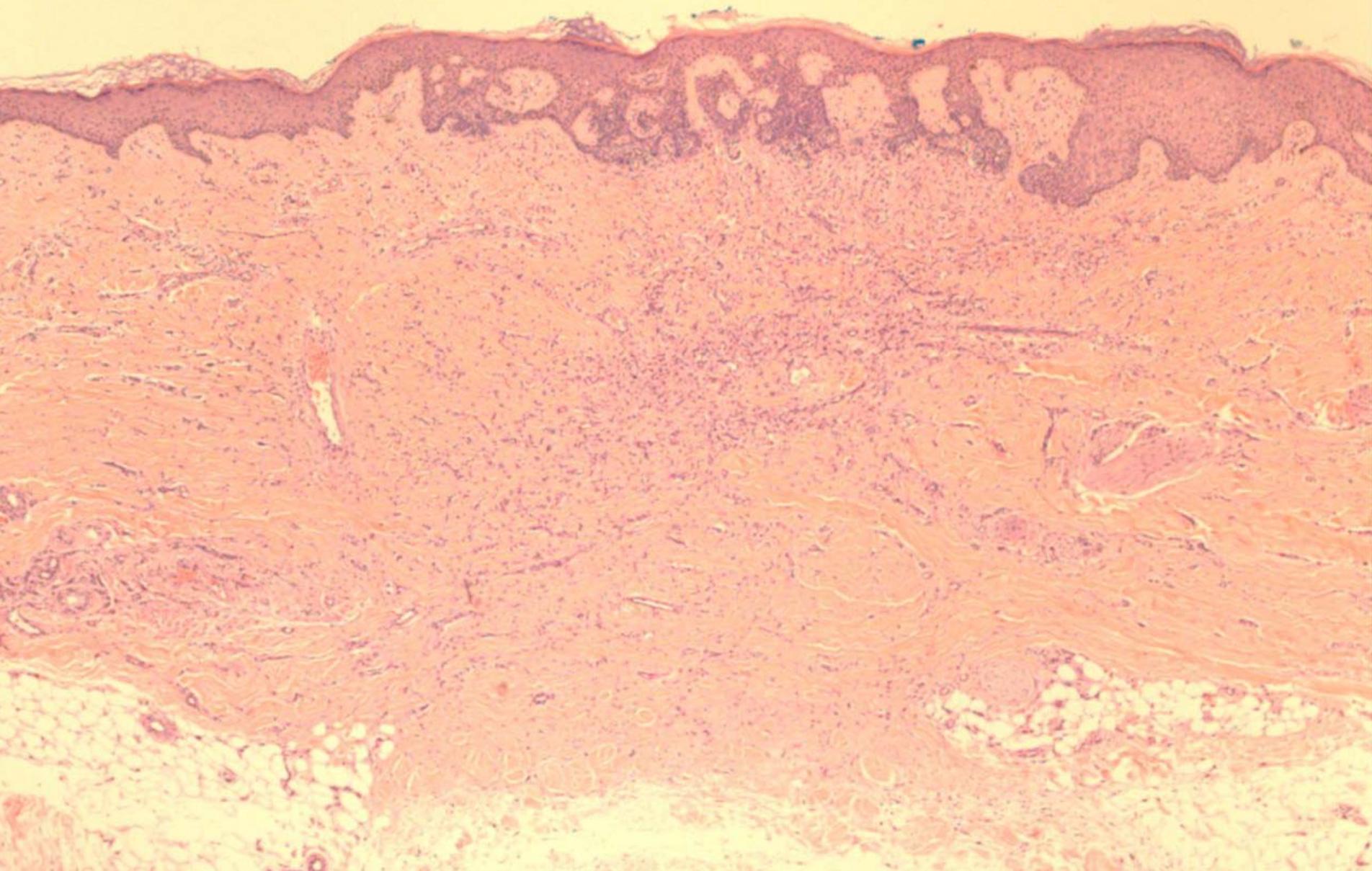
- Small ducts lined by 1 or 2 layers of cuboidal cells are present throughout
- Narrow cords of cuboidal cells in deepest portion of the tumor
- Syringoma-like areas

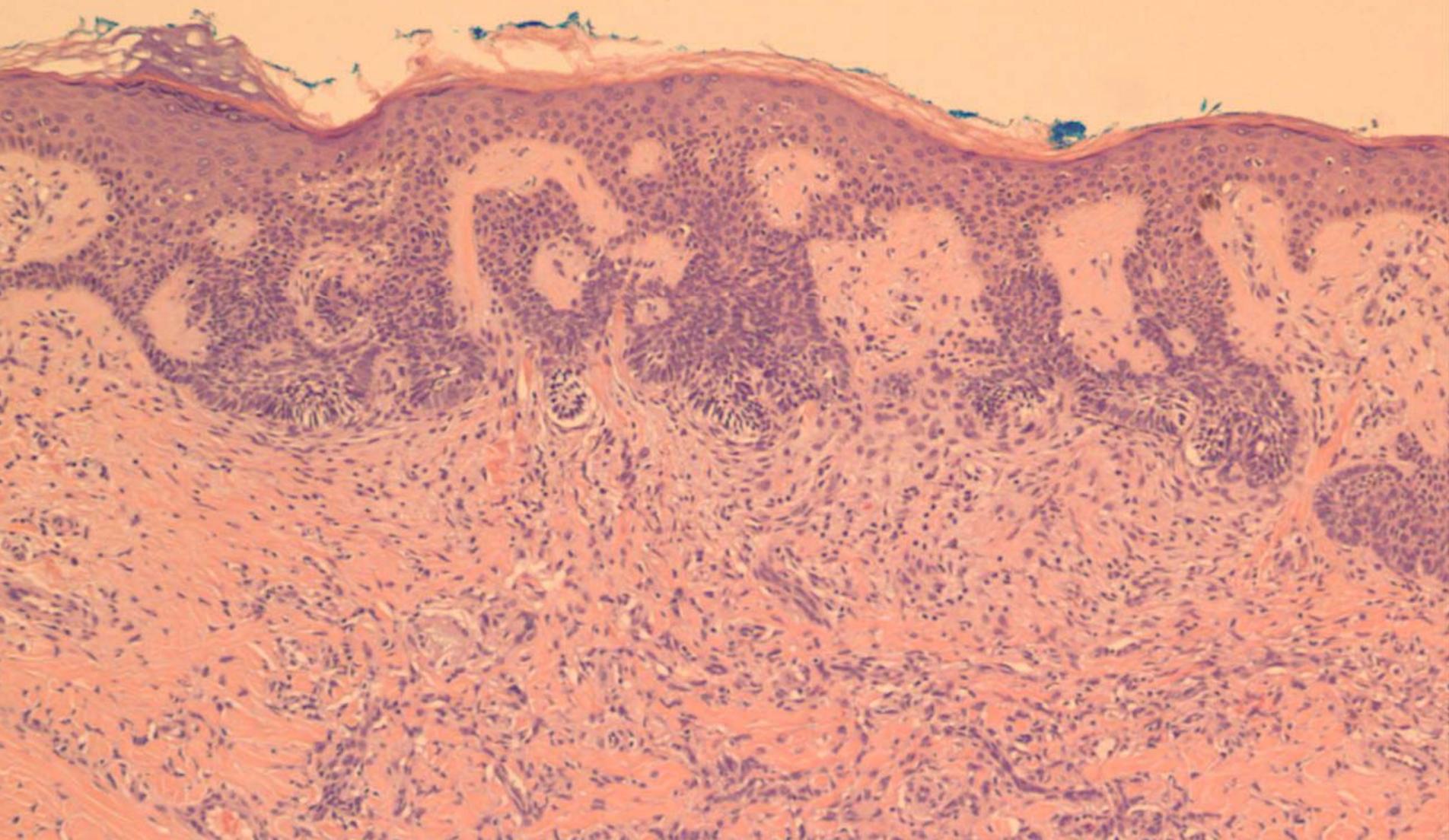
Histopathology

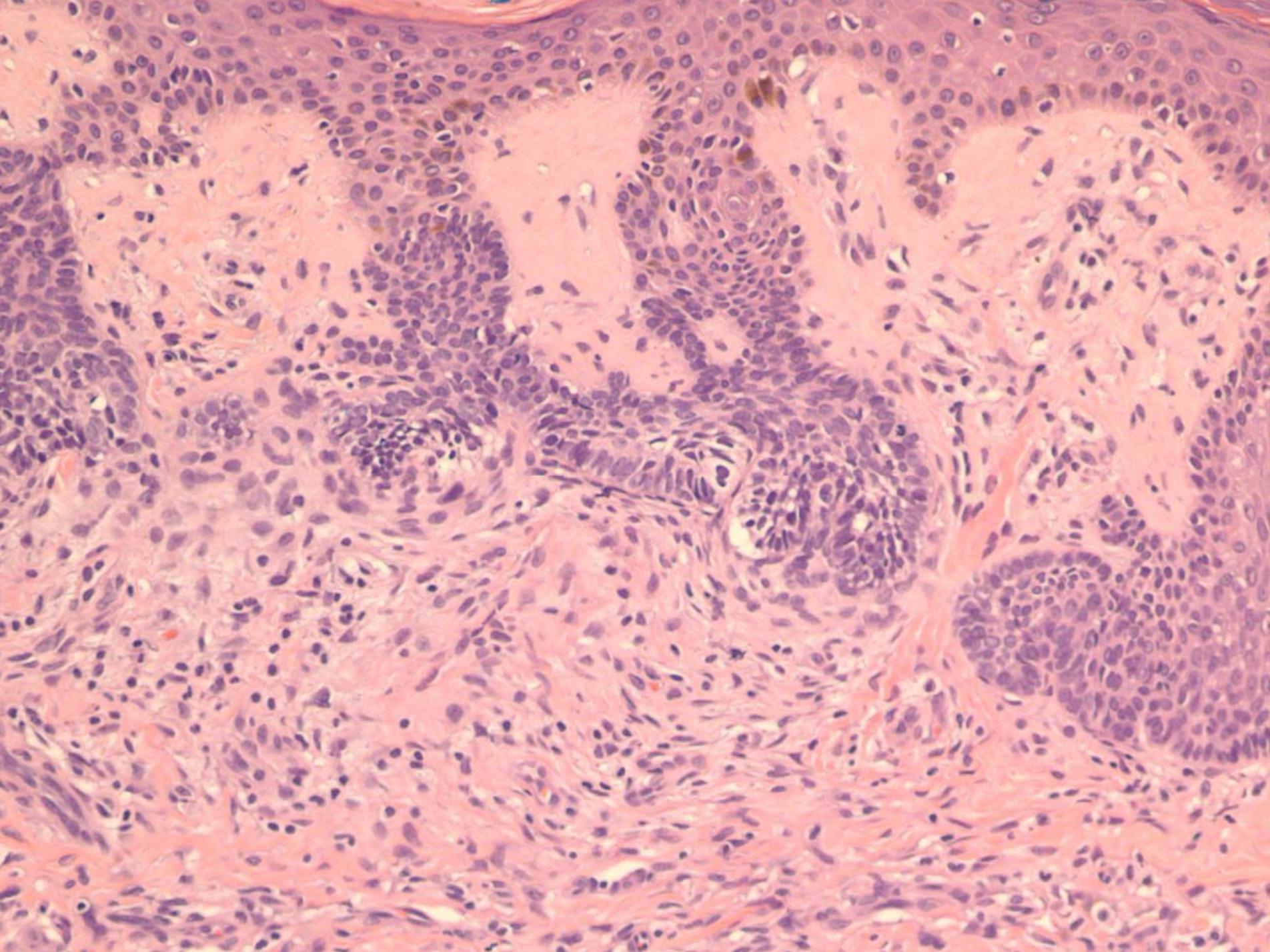


- Clear cell change, foci of decapitation secretion, and sebaceous cell or duct differentiation may be present
- The nuclei of all the components are mainly small, slightly irregular, and hyperchromatic, but little pleomorphism or mitotic activity occurs.
- Perineural infiltration common

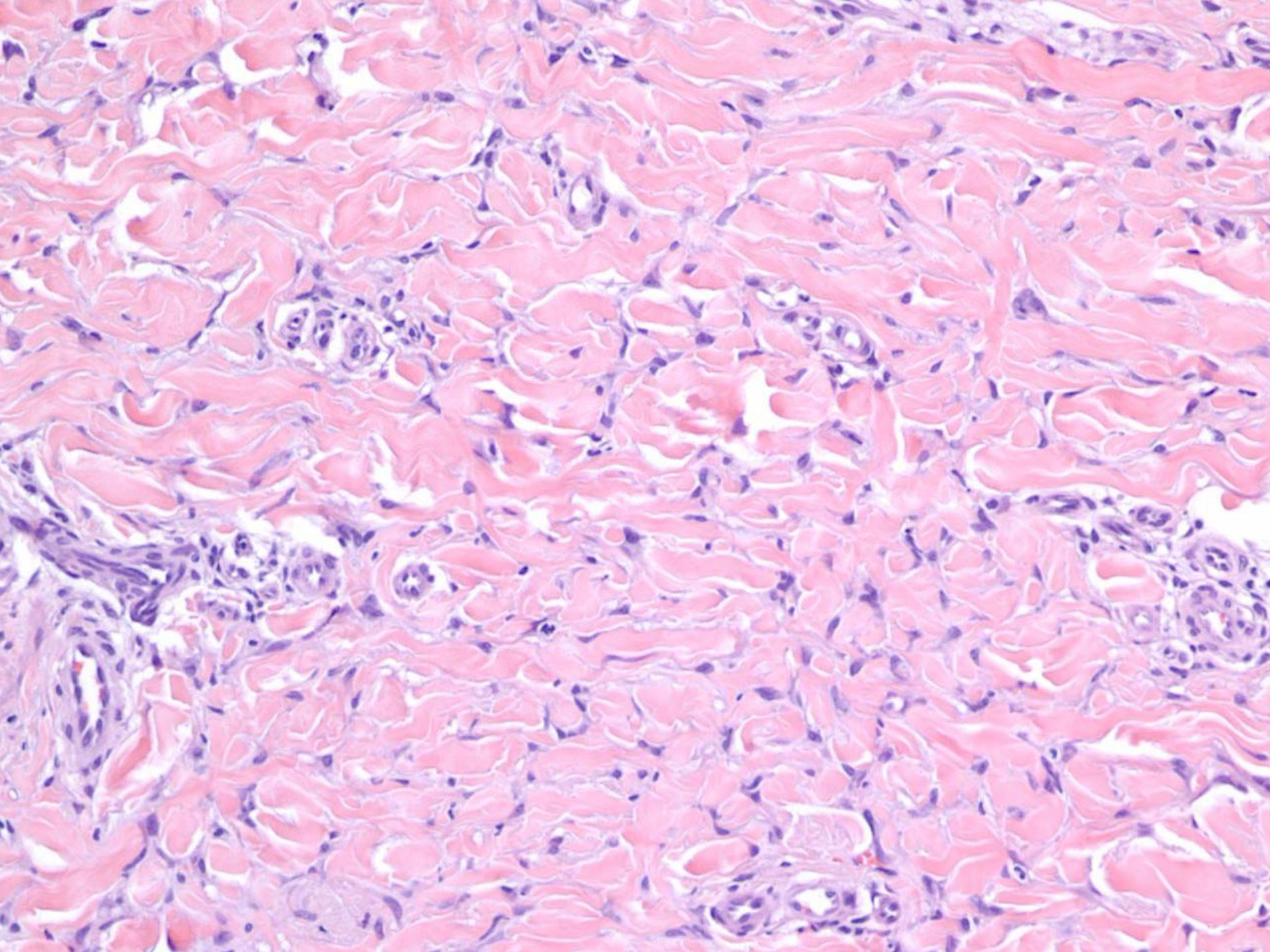


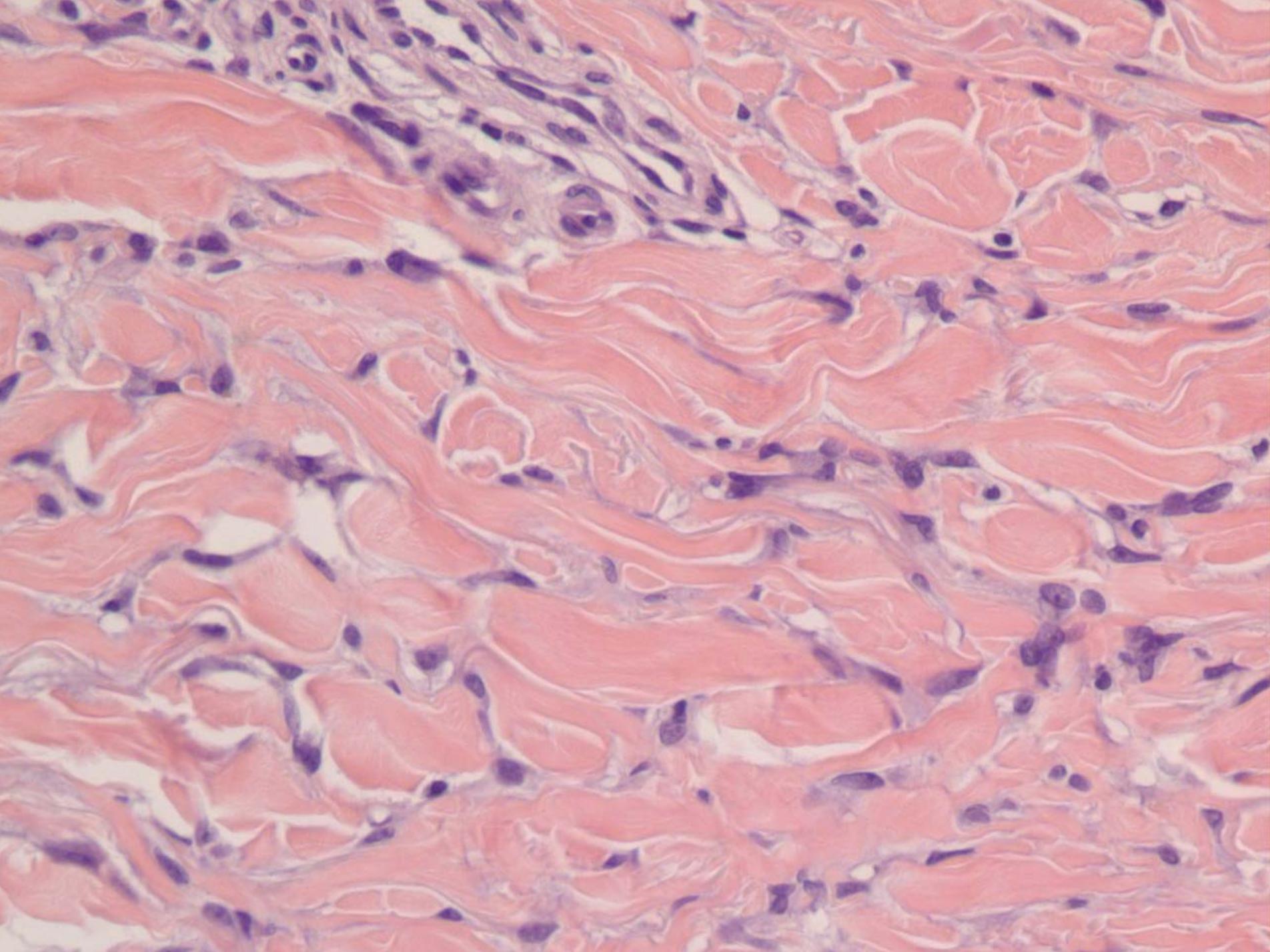


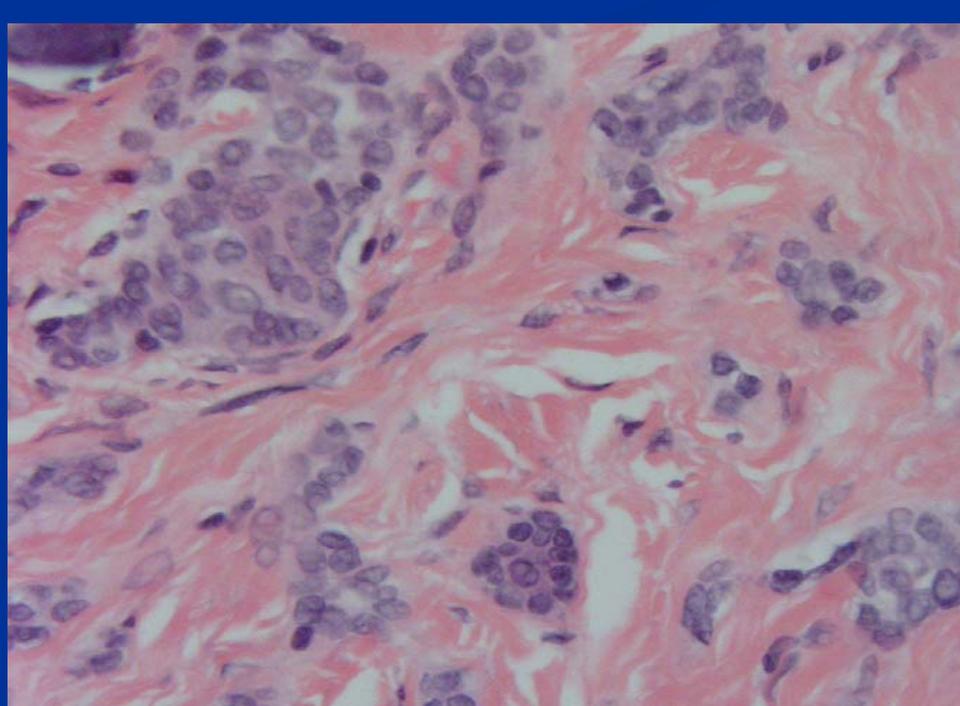
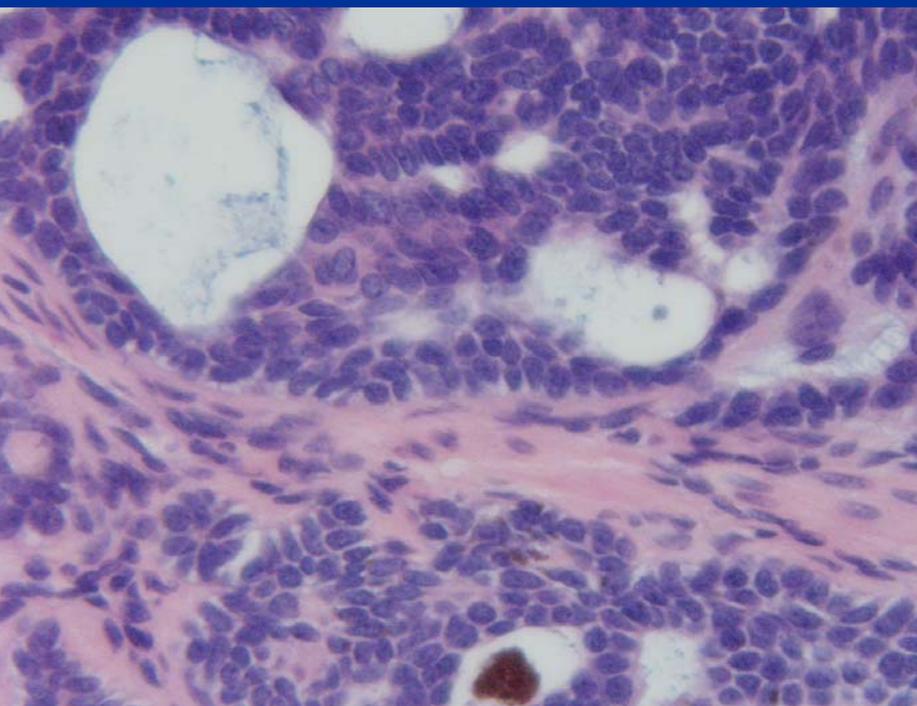
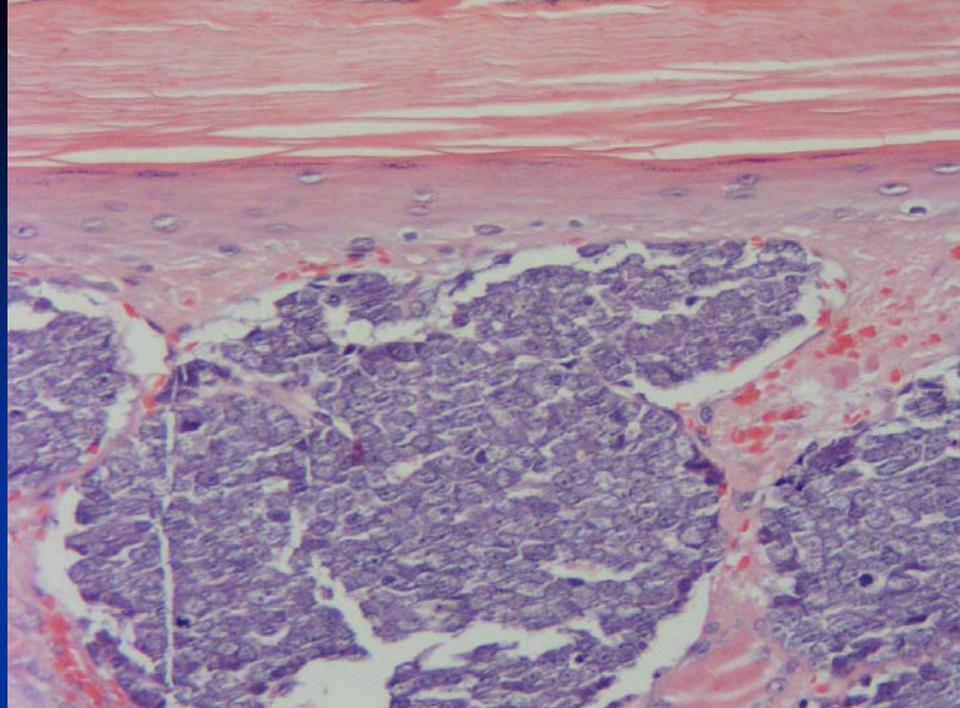
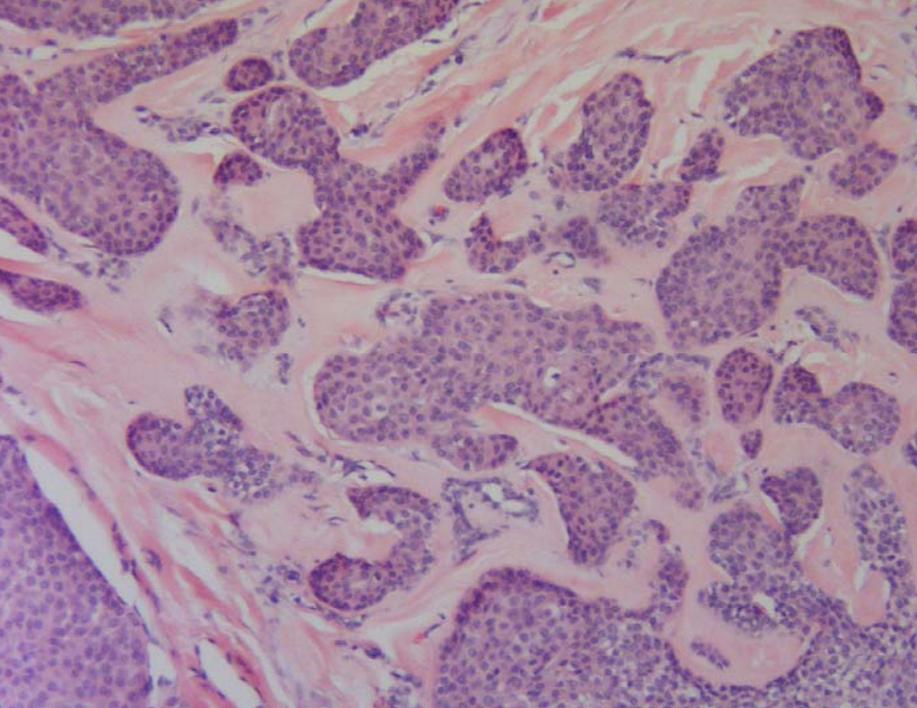




Basaloid Follicular Induction Overlying Dermatofibroma







Questions



- *More than any other time in history, mankind faces a crossroads. One path leads to despair and utter hopelessness. The other, to total extinction. Let us pray we have the wisdom to choose correctly.*

- **Woody Allen (1935 -)**