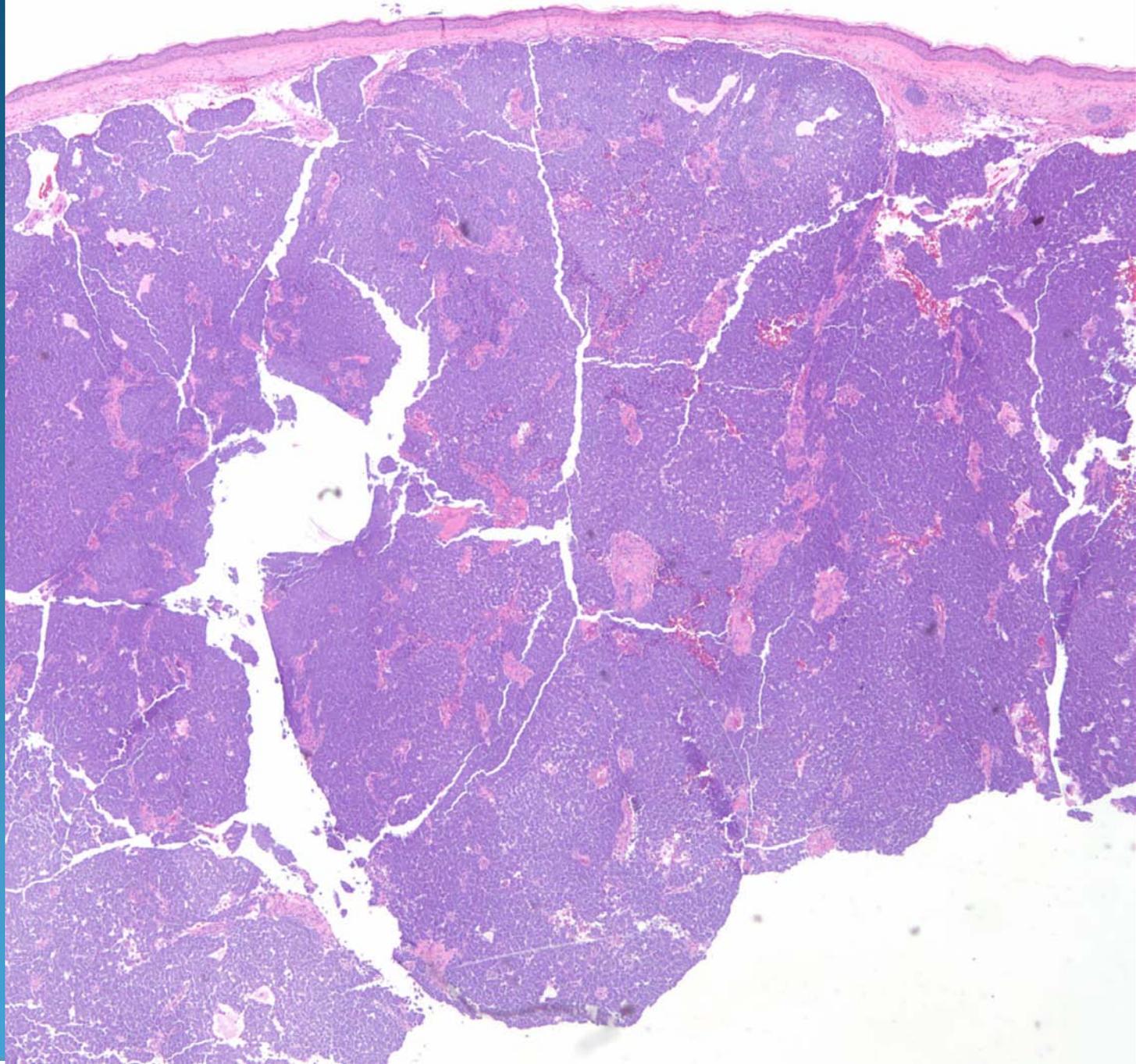
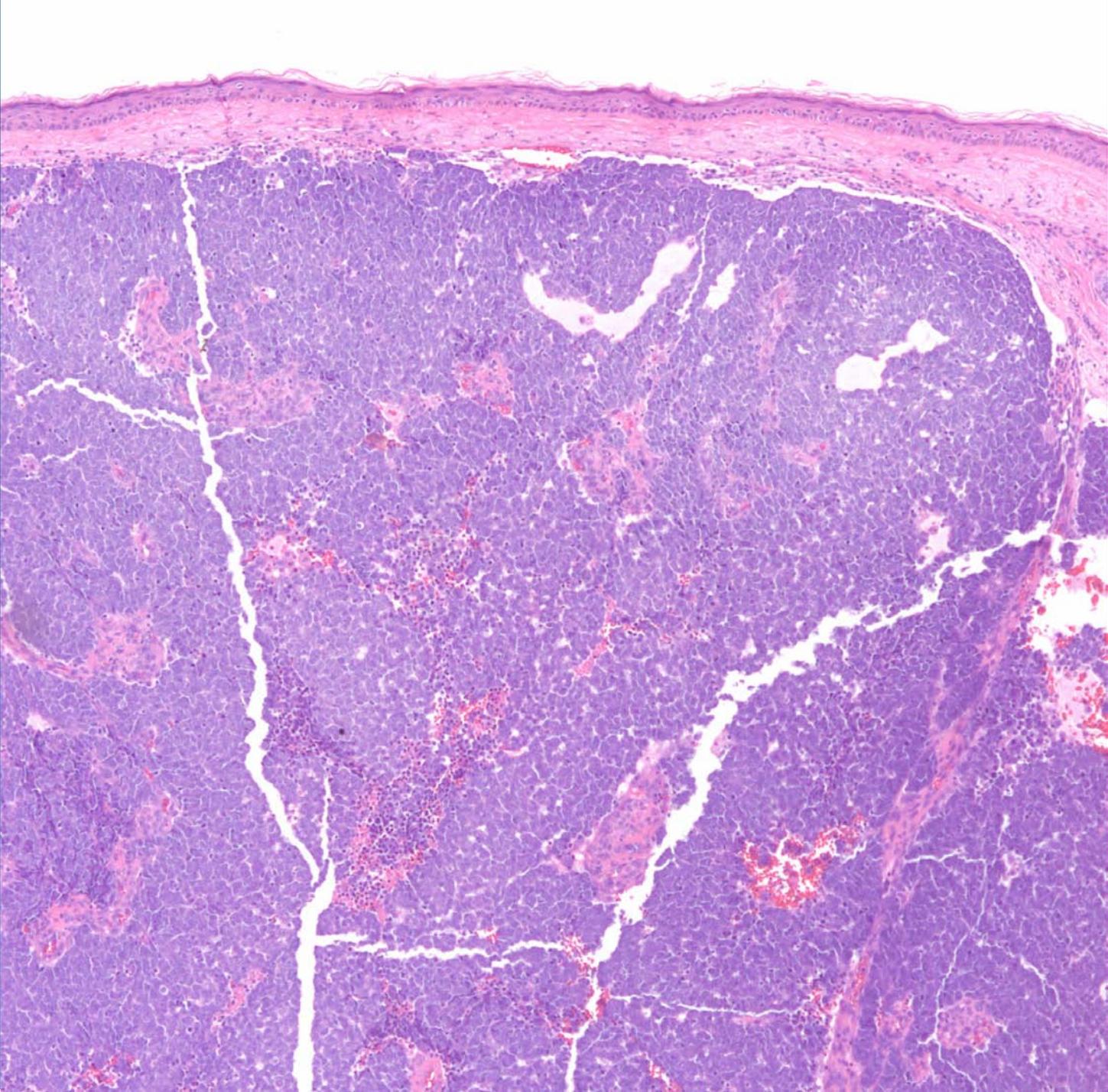
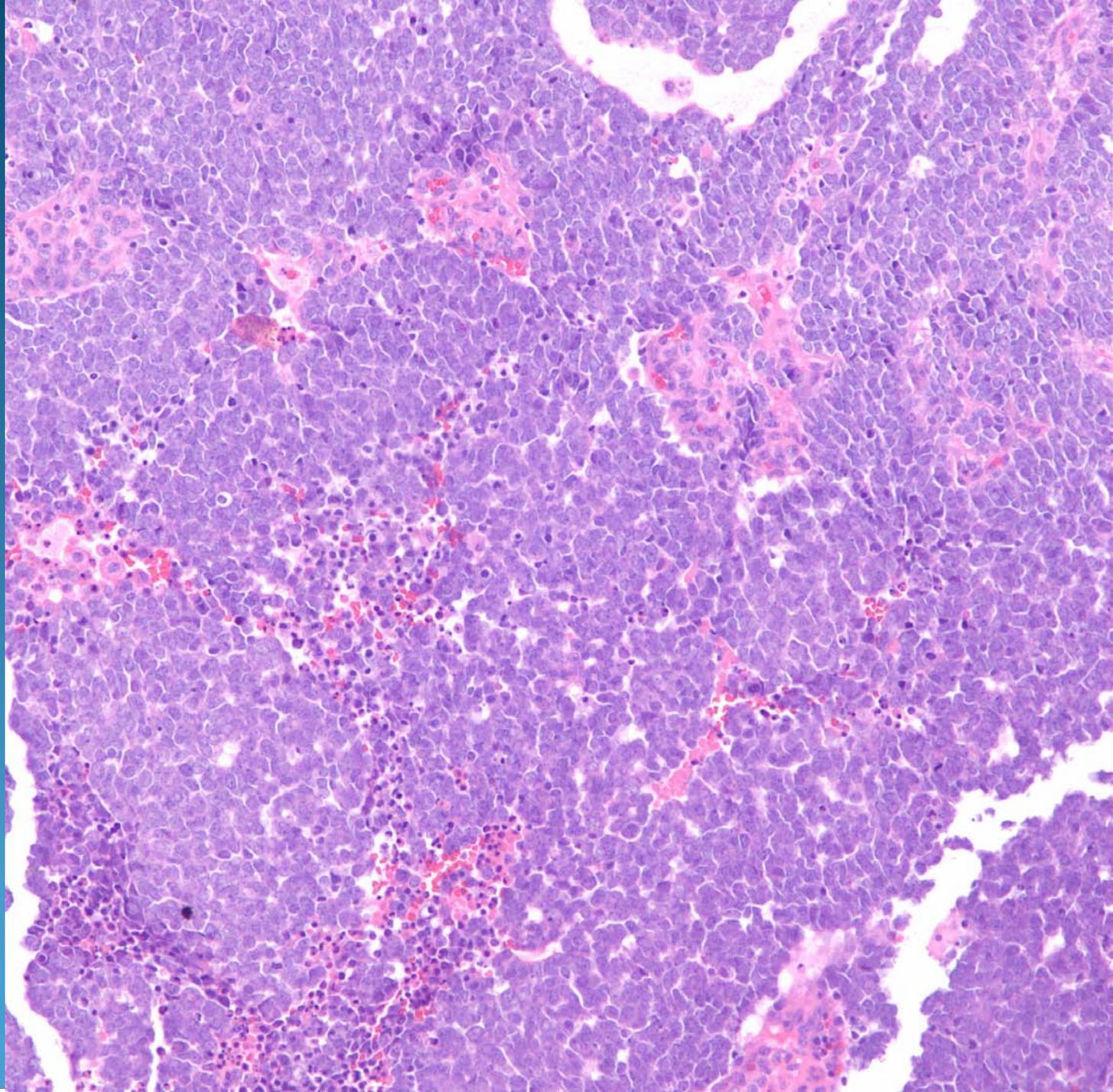


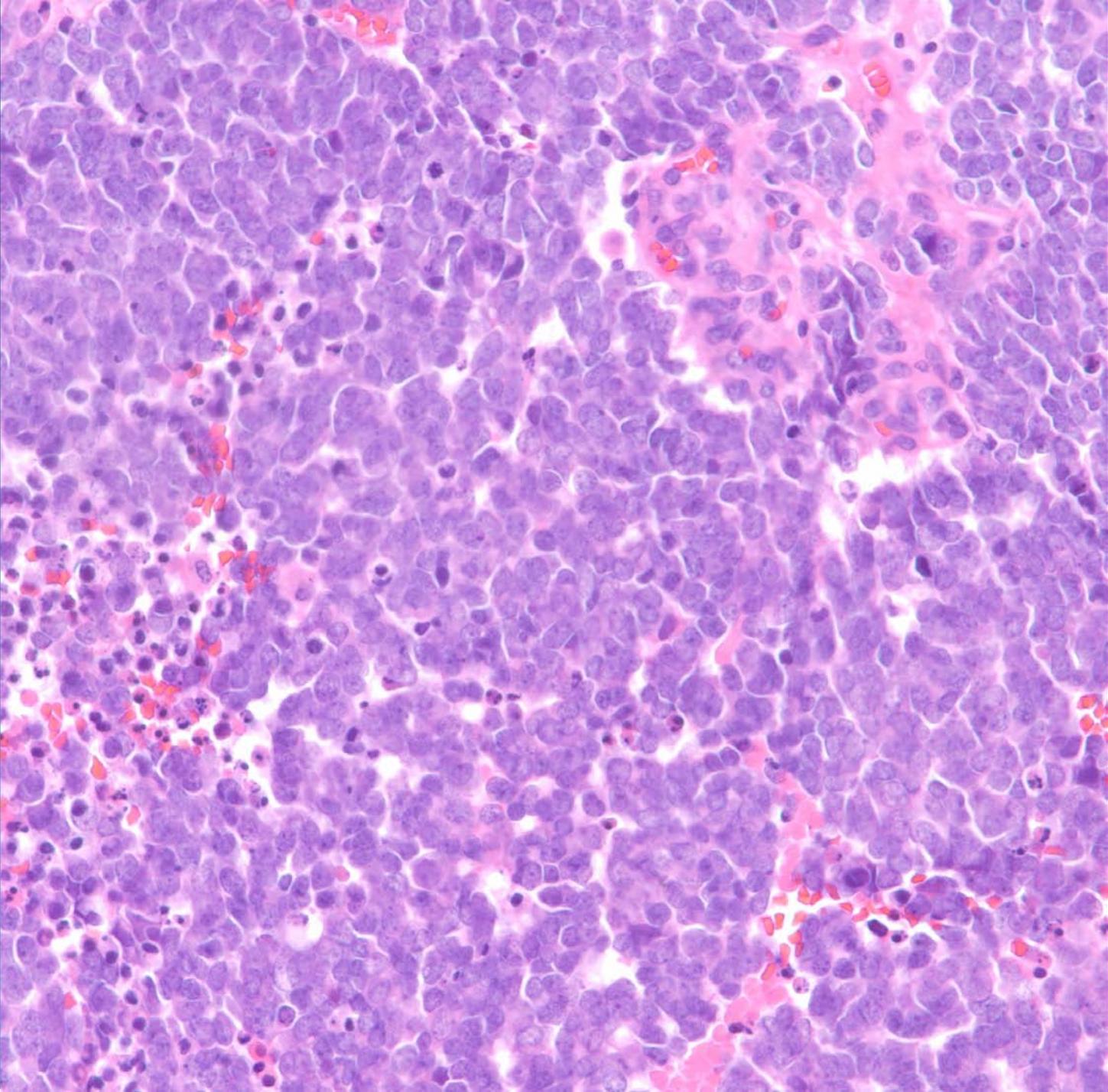
Dermatopathology Slide Review Part 53

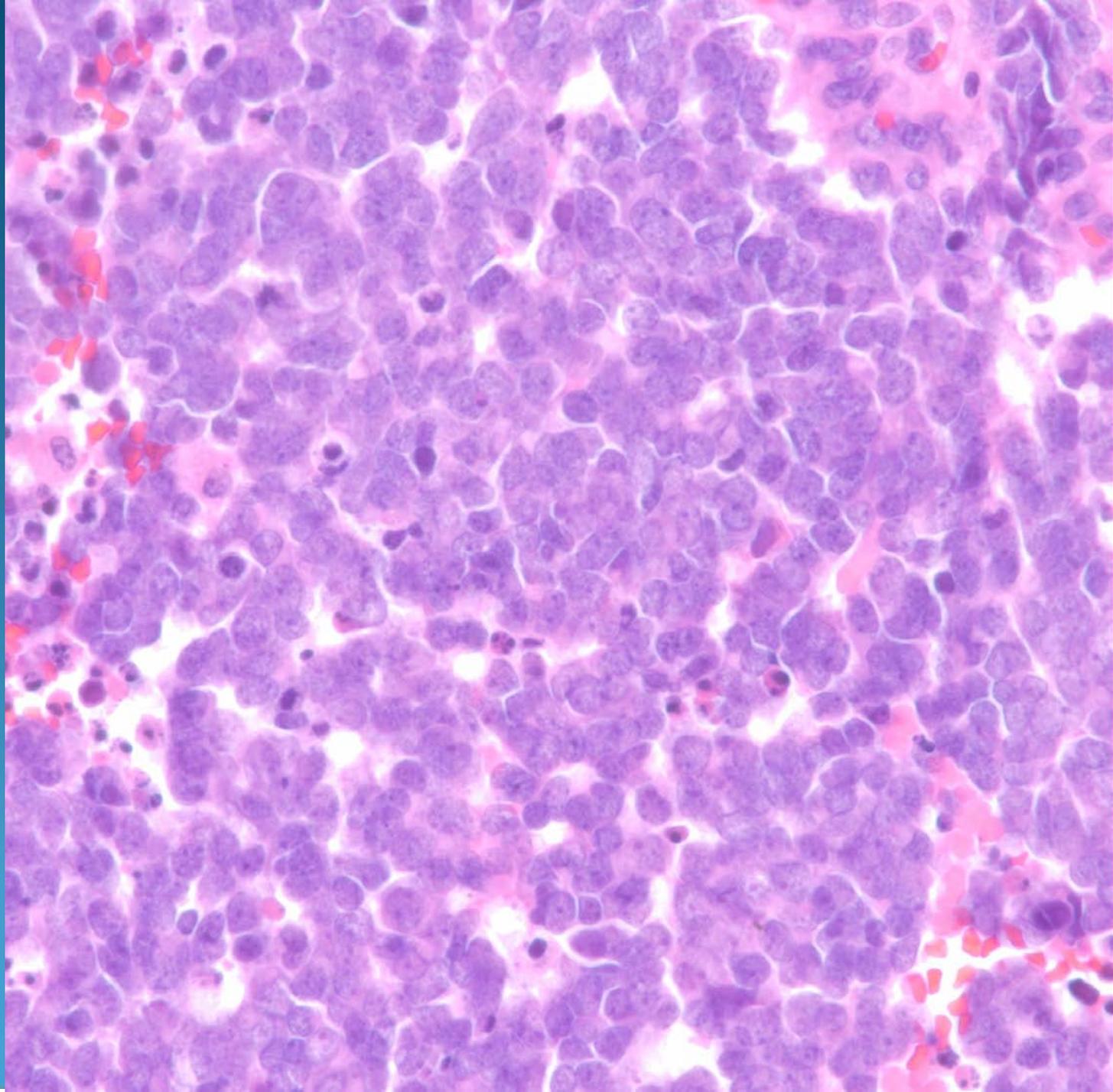
Paul K. Shitabata, M.D.
Dermatopathology Institute



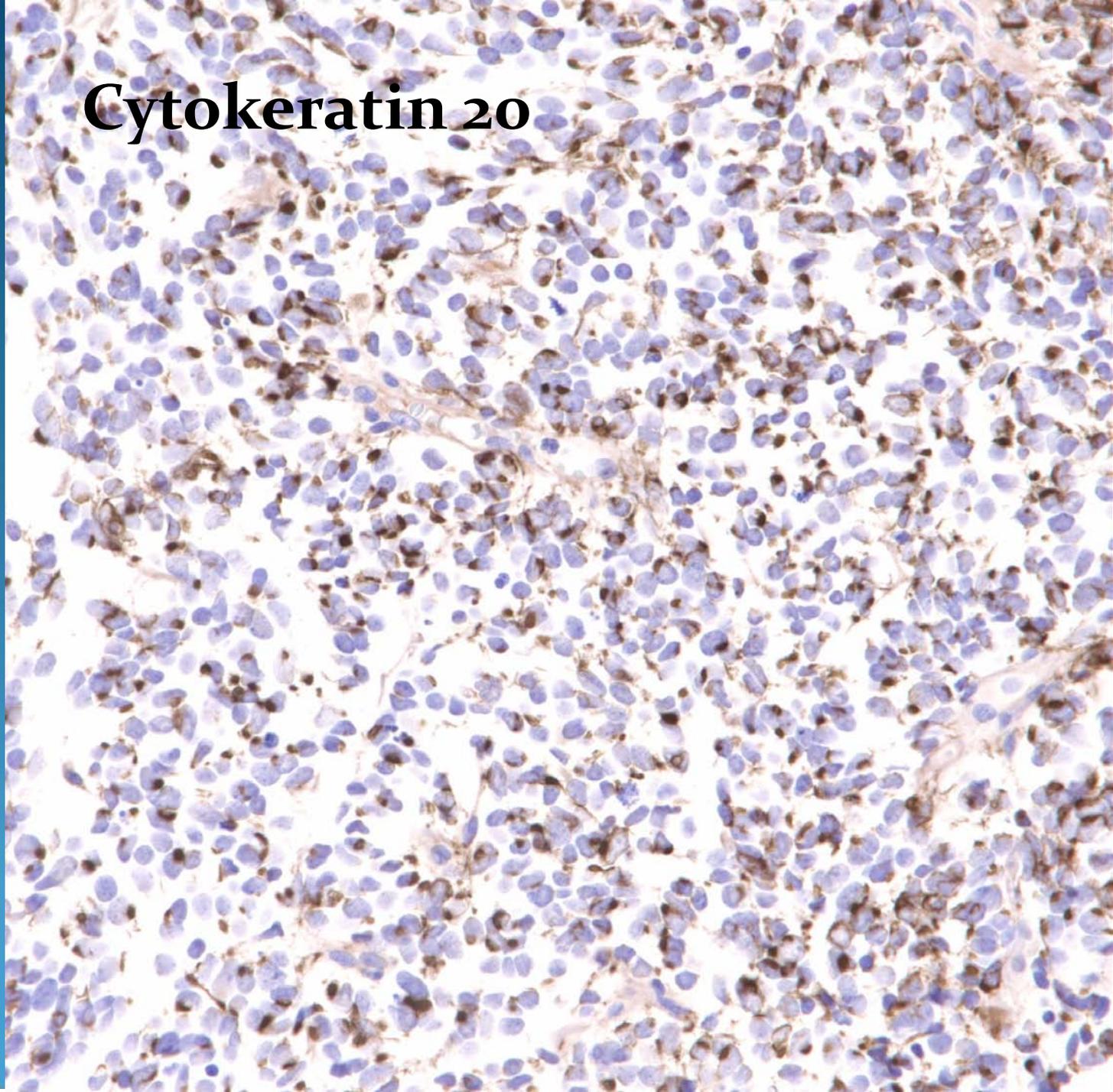




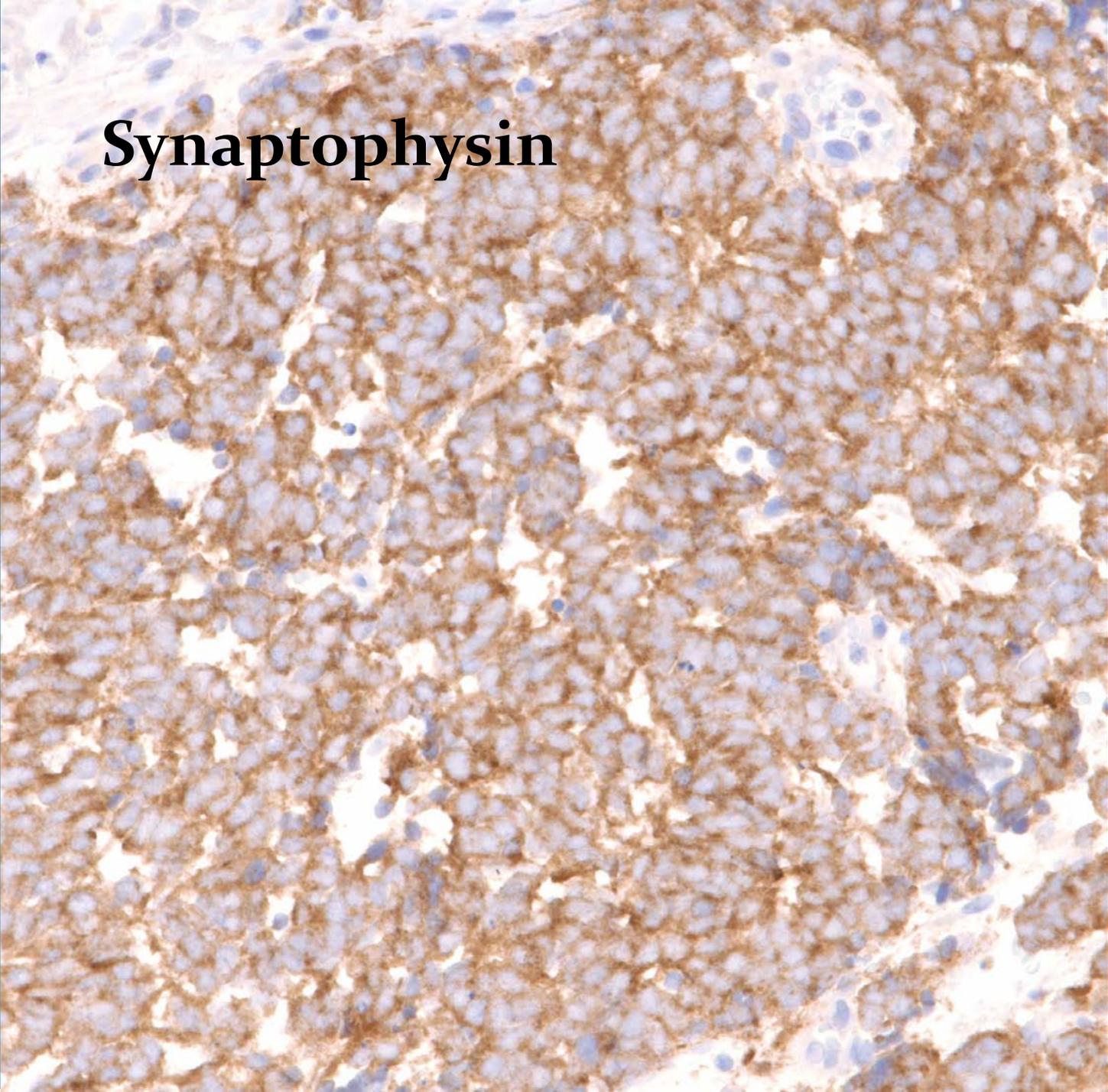




Cytokeratin 20

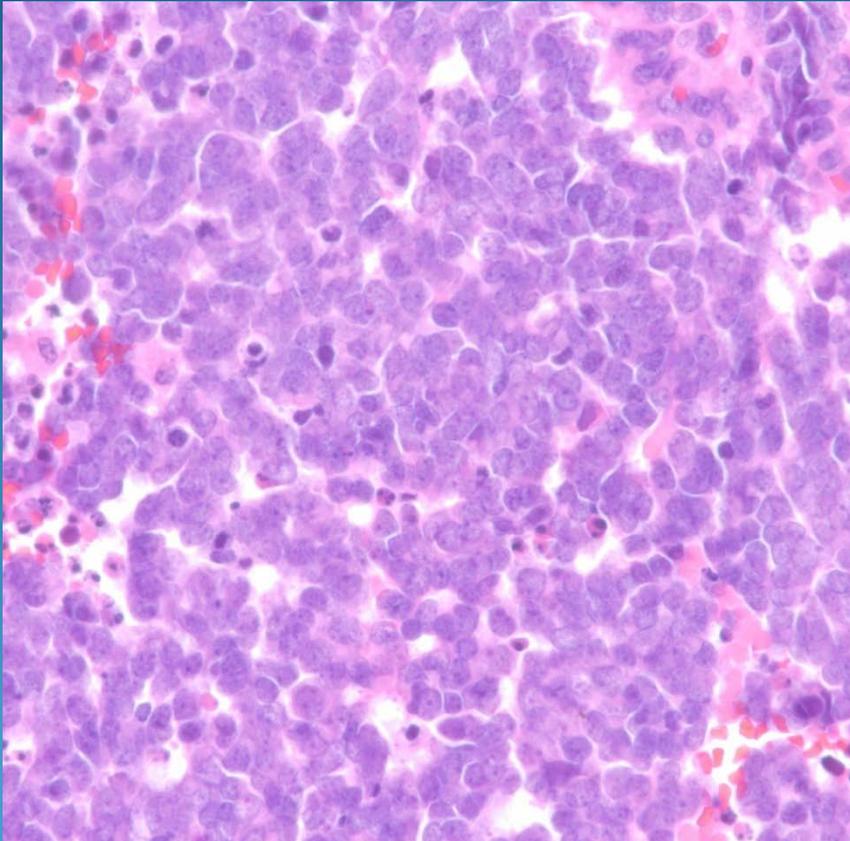


Synaptophysin

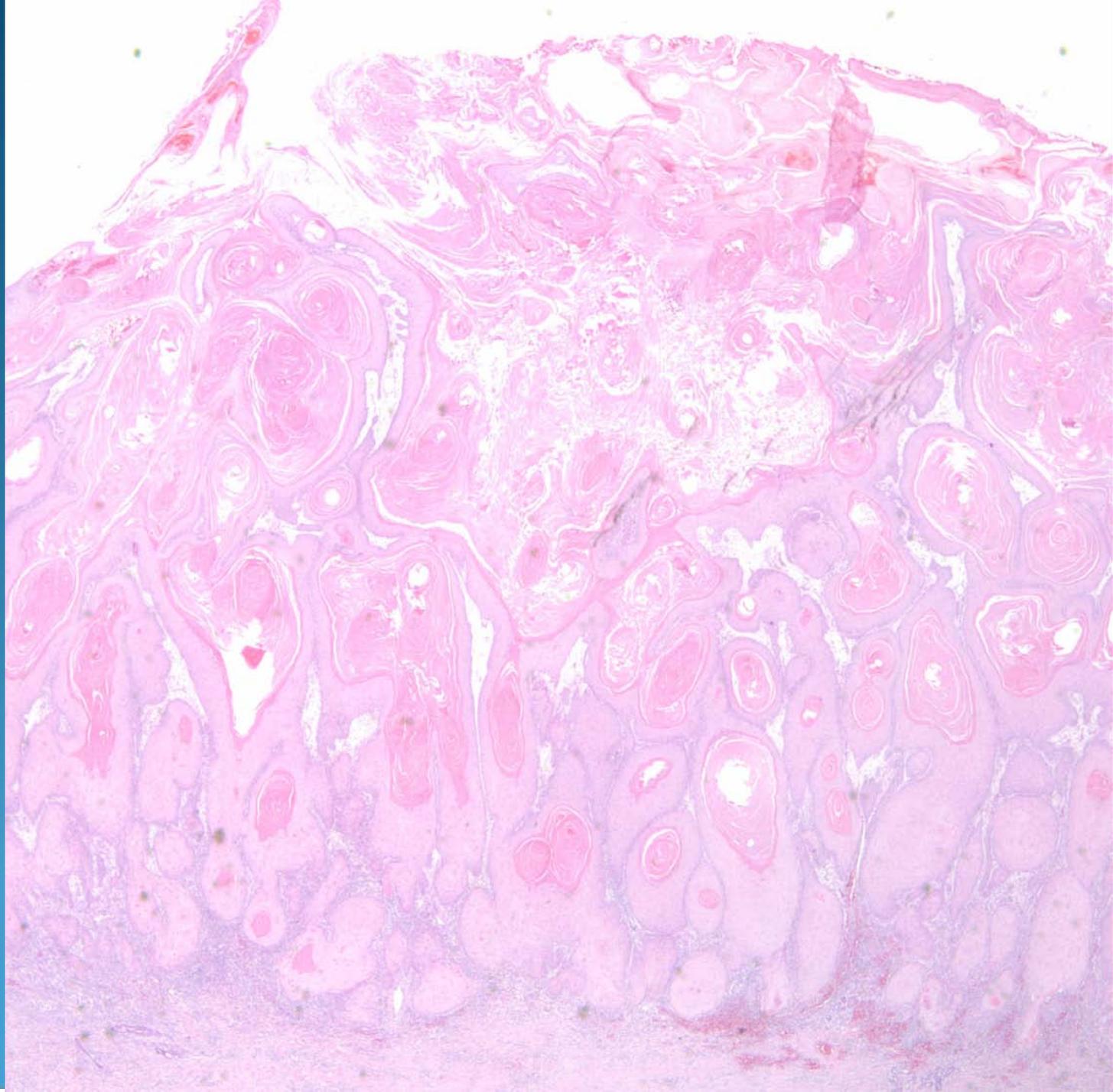


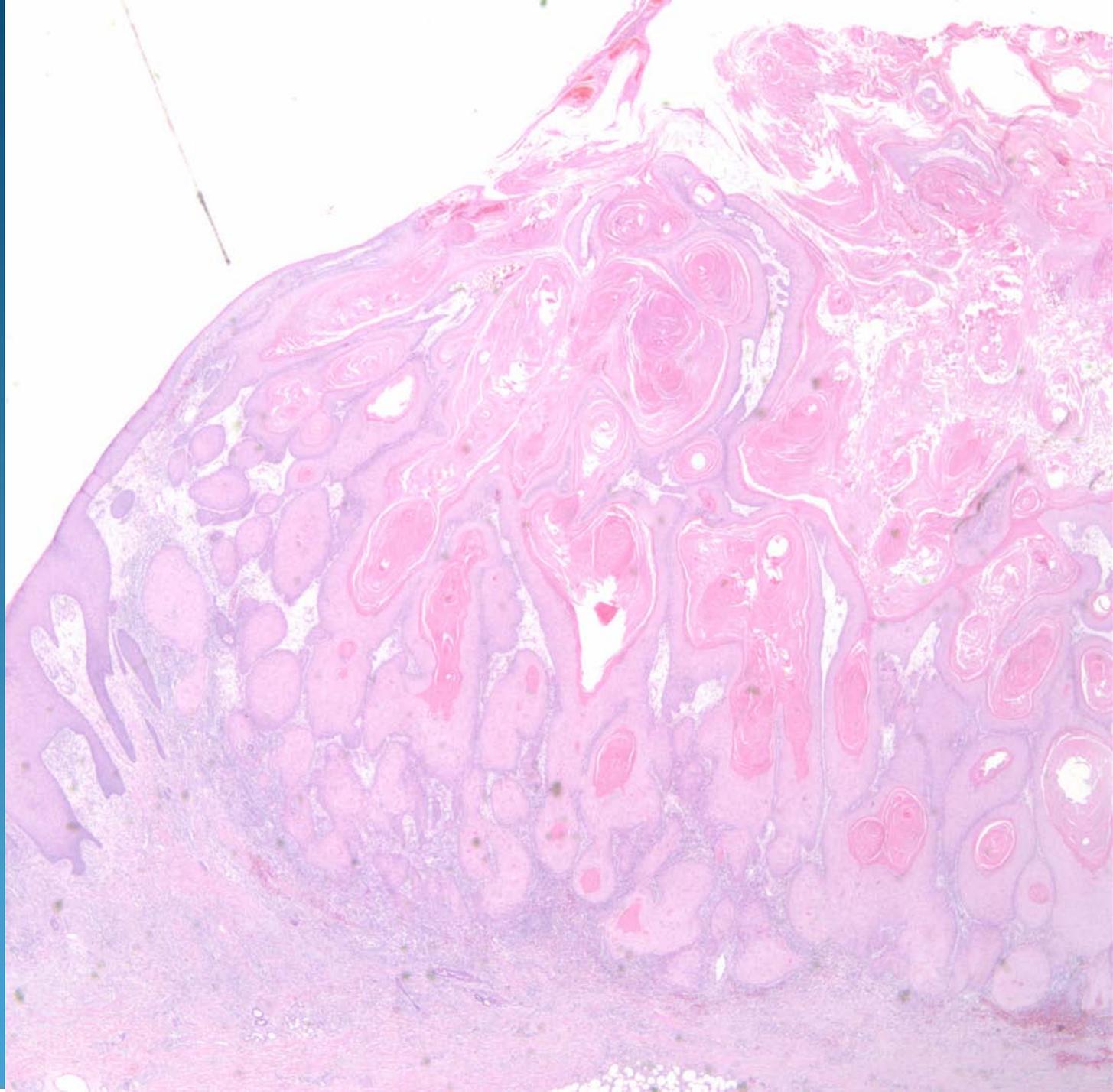
Merkel Cell Carcinoma

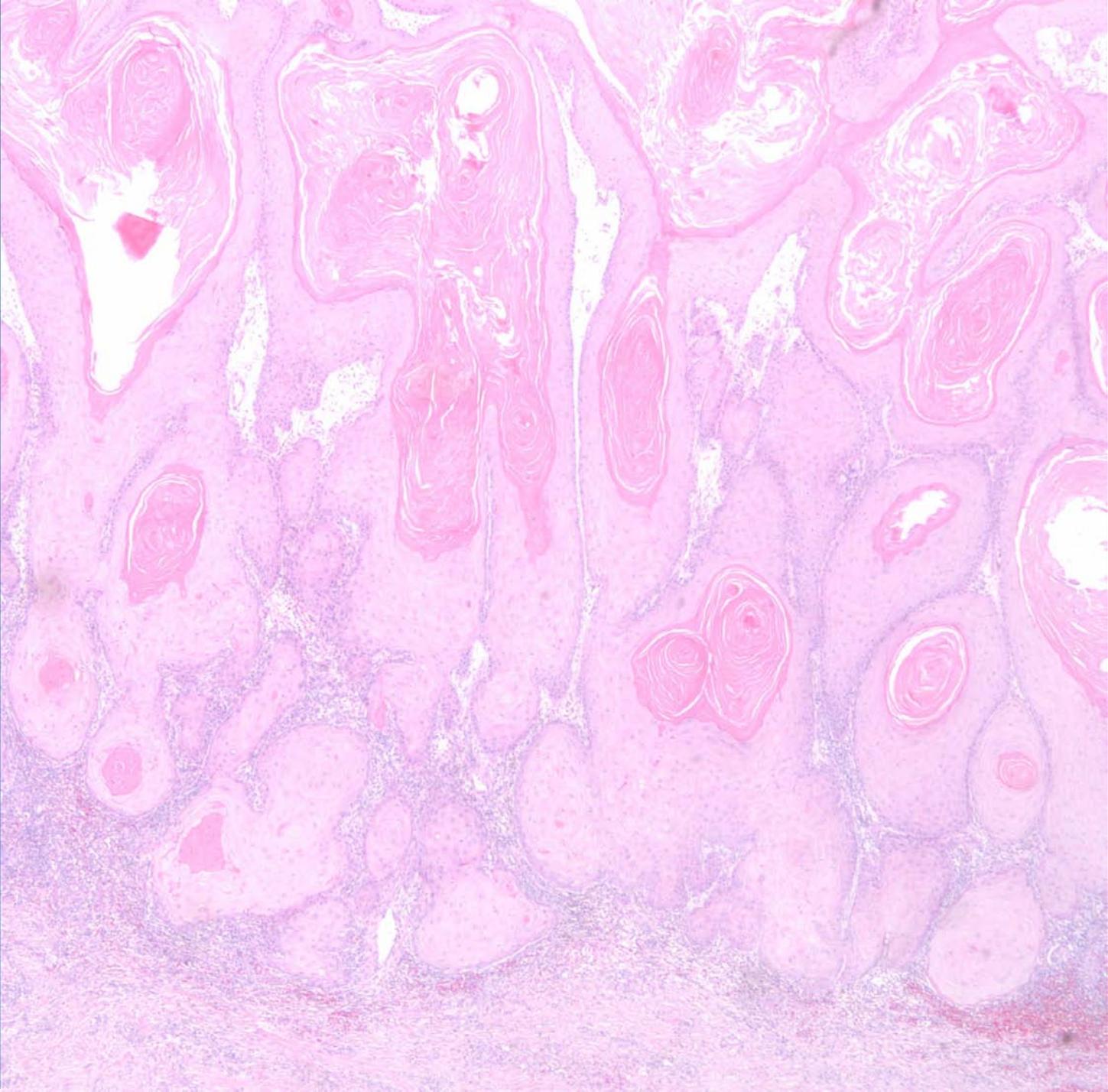
Pearls

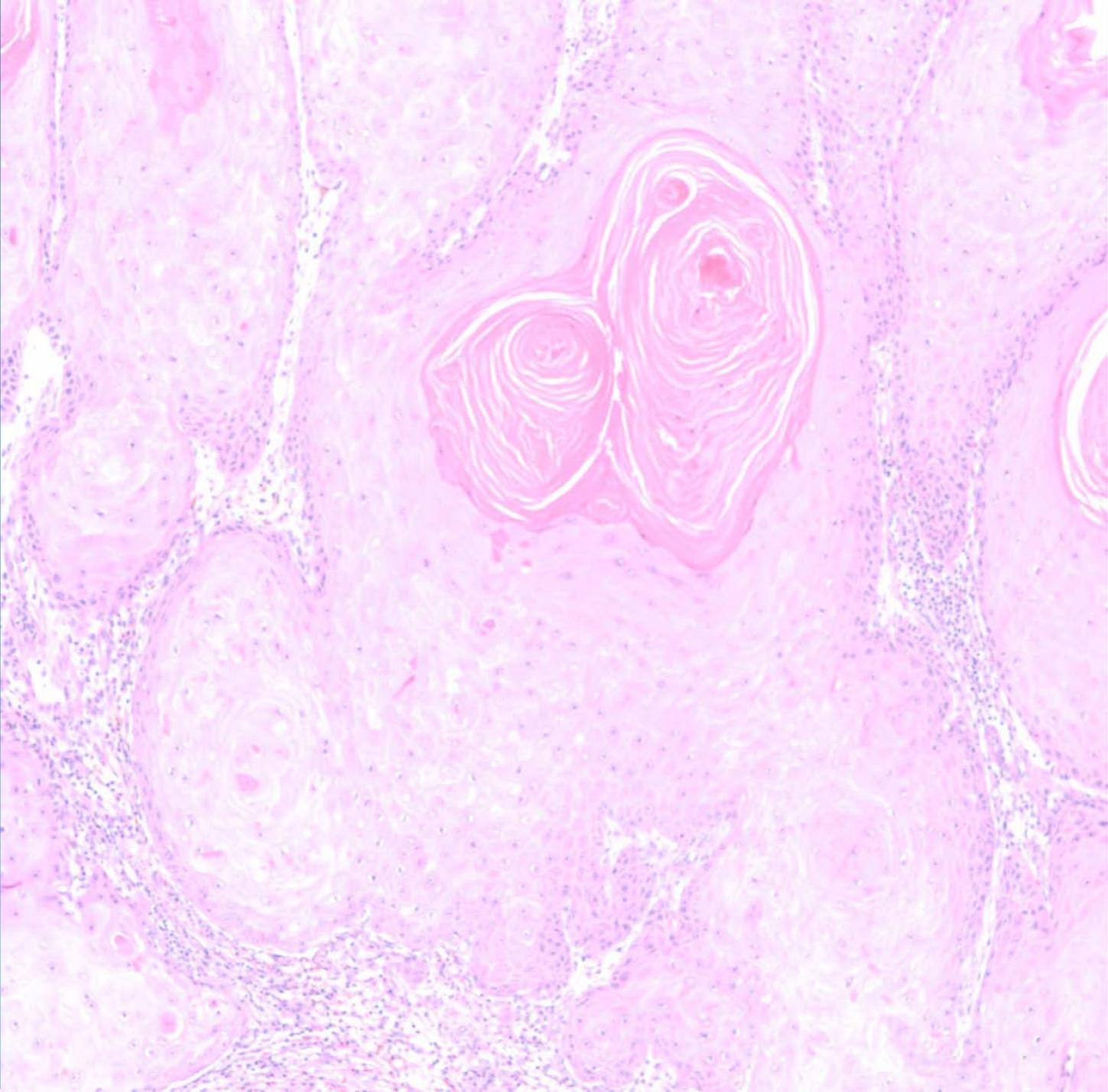


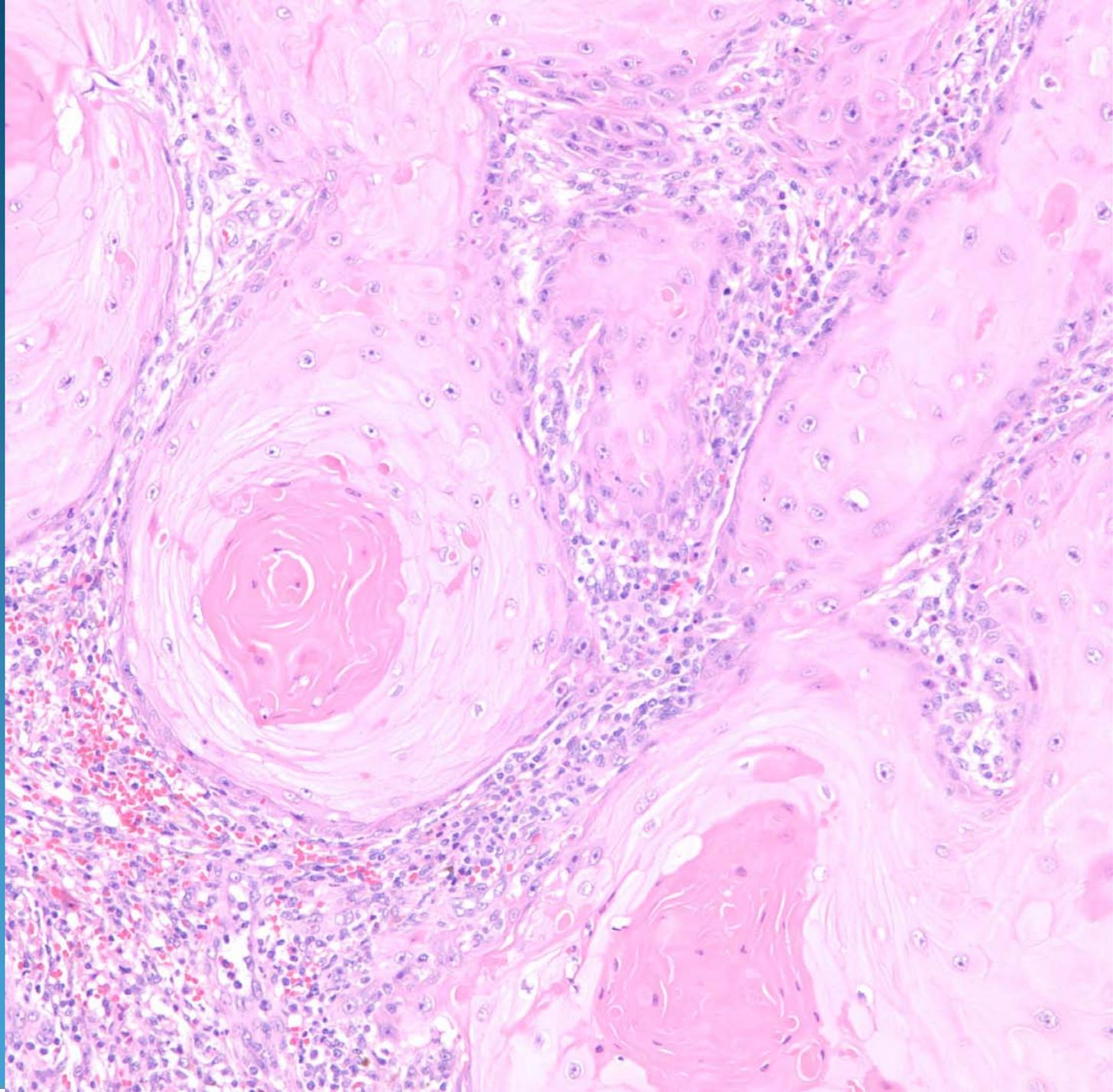
- Dense blue cellular tumor in the dermis
- Mitotically active
- Nuclear molding
- Stippled “salt and pepper” chromatin

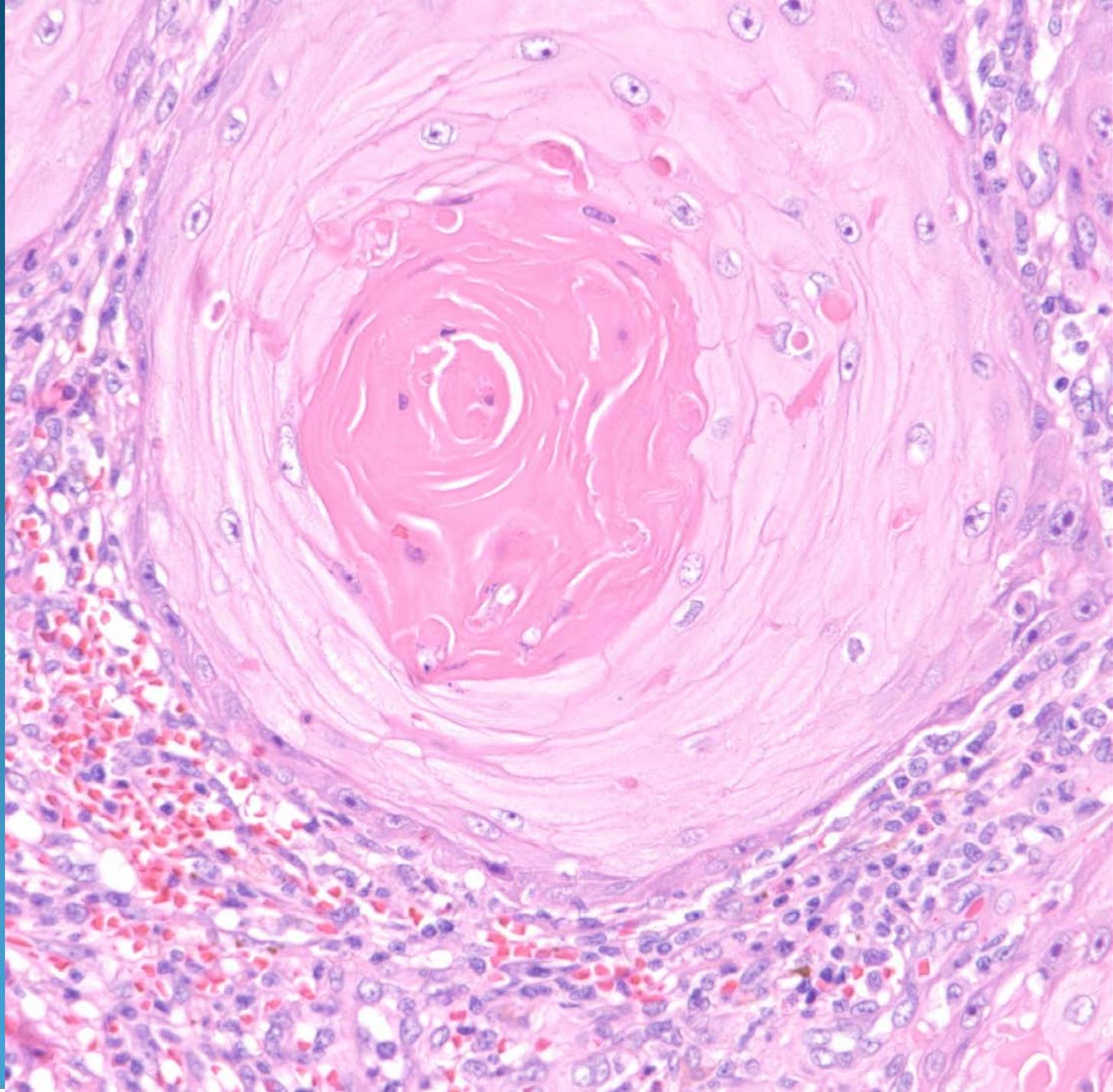






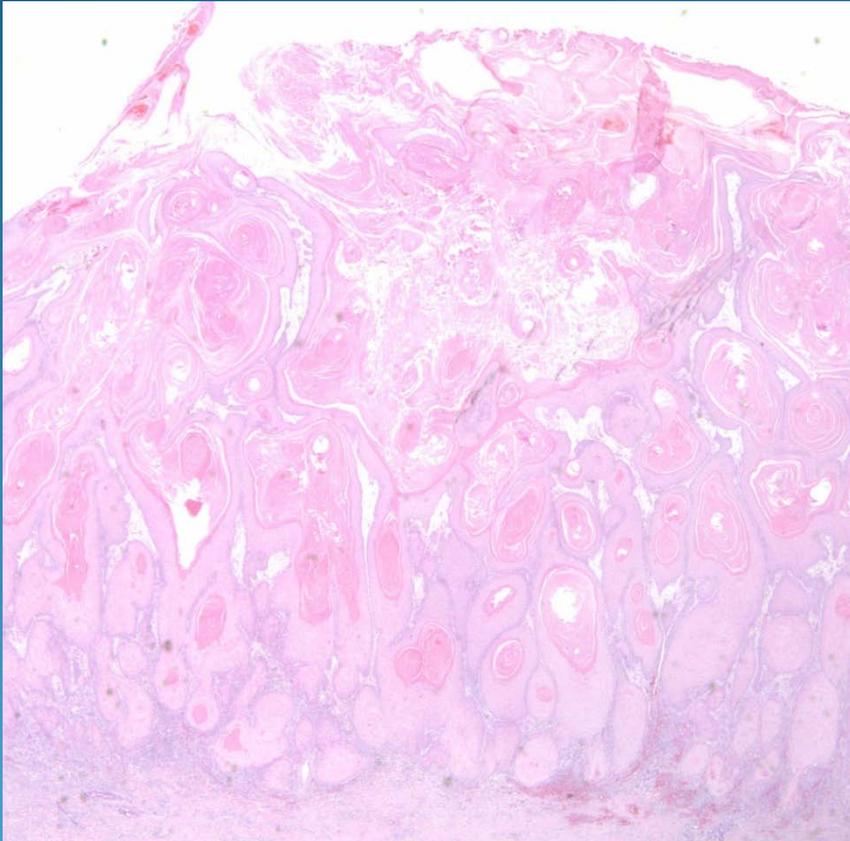






Keratoacanthoma

Pearls

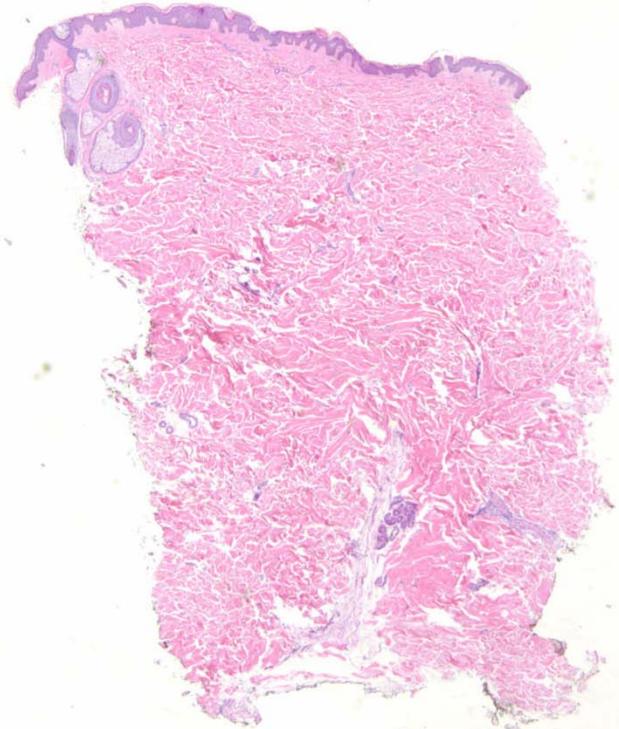


- Crateriform architecture forming an epidermal buttress
- Glassy well differentiated keratinocytes and squamous pearl formation

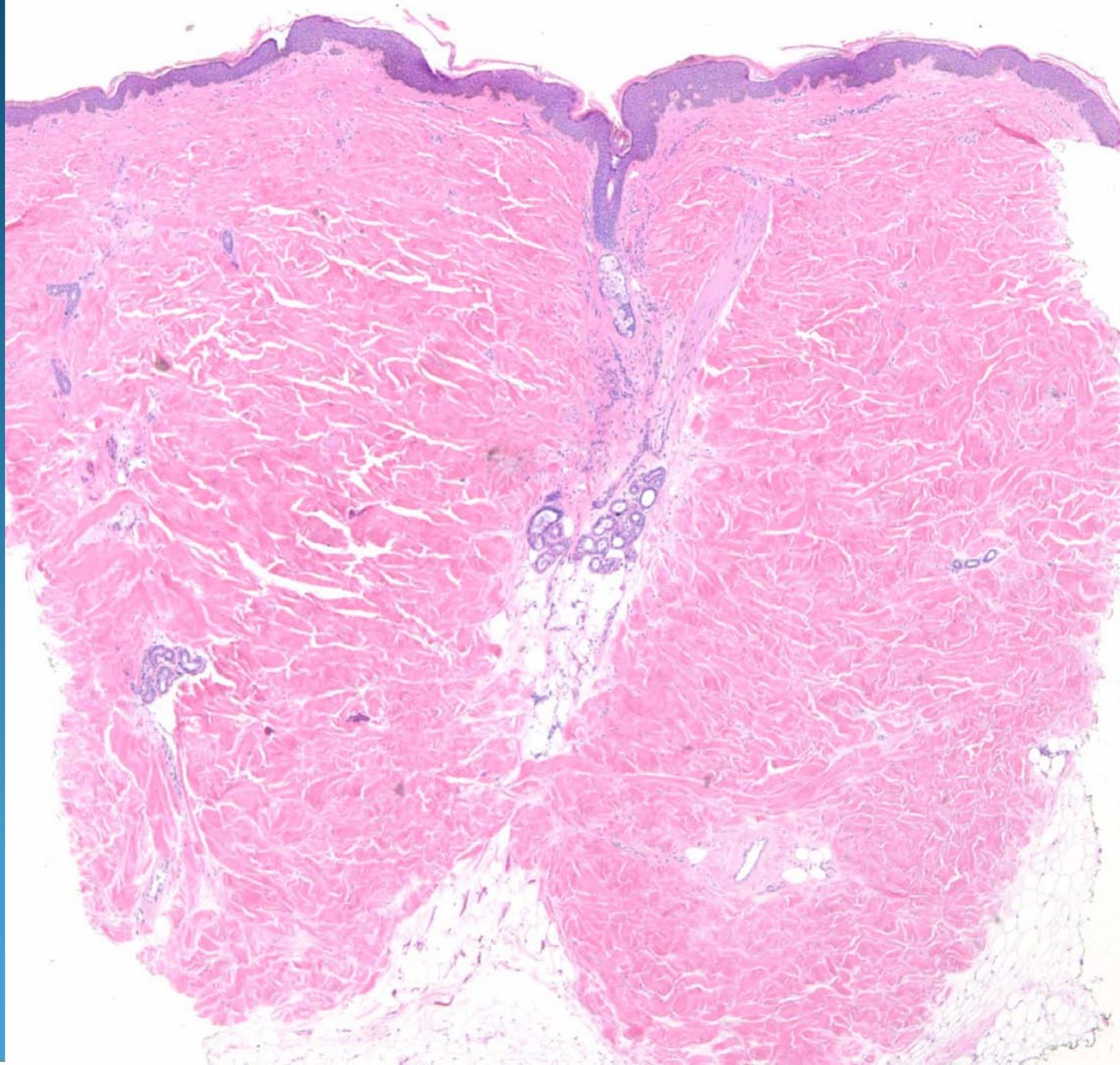
Lesional Skin

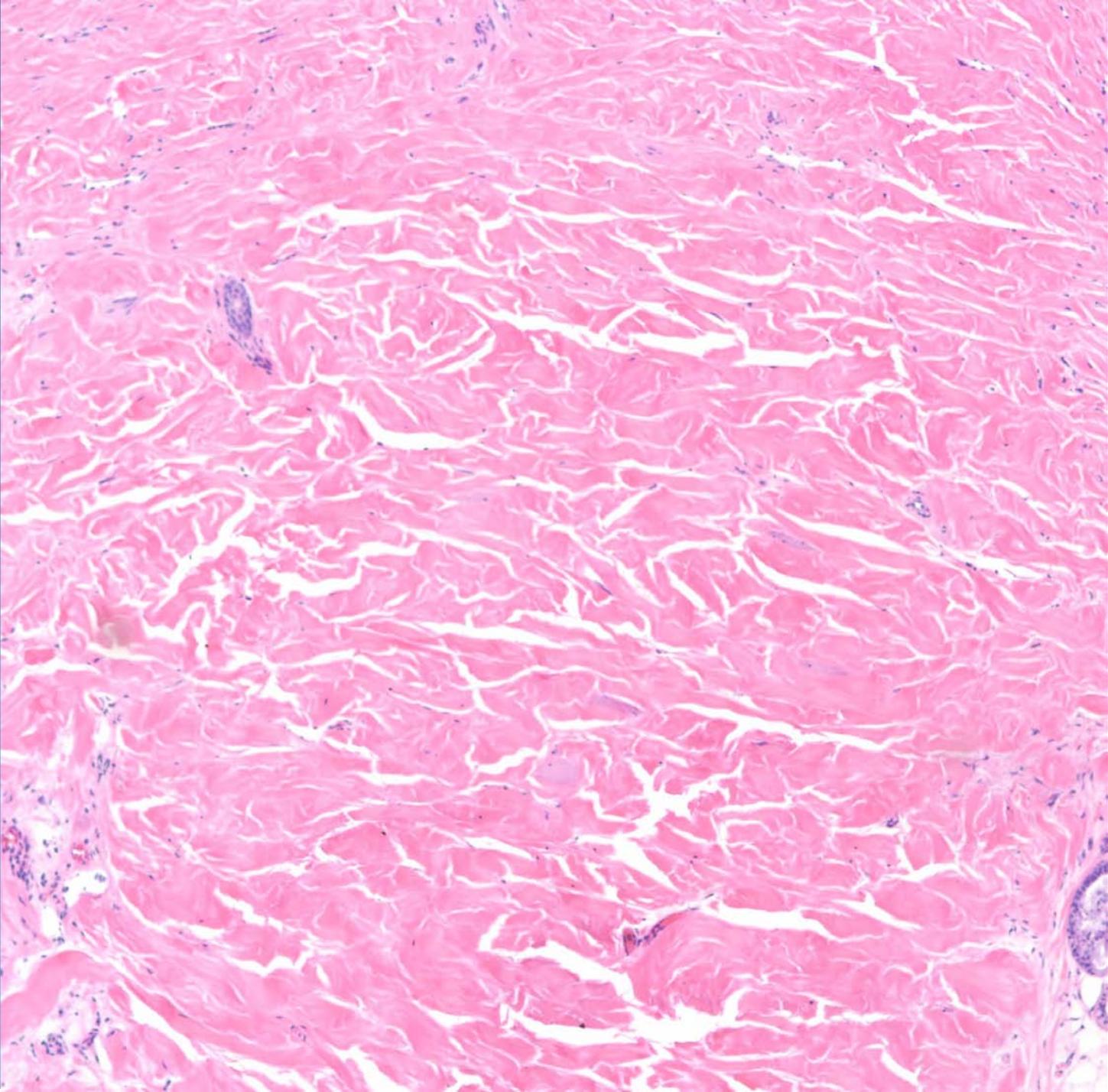


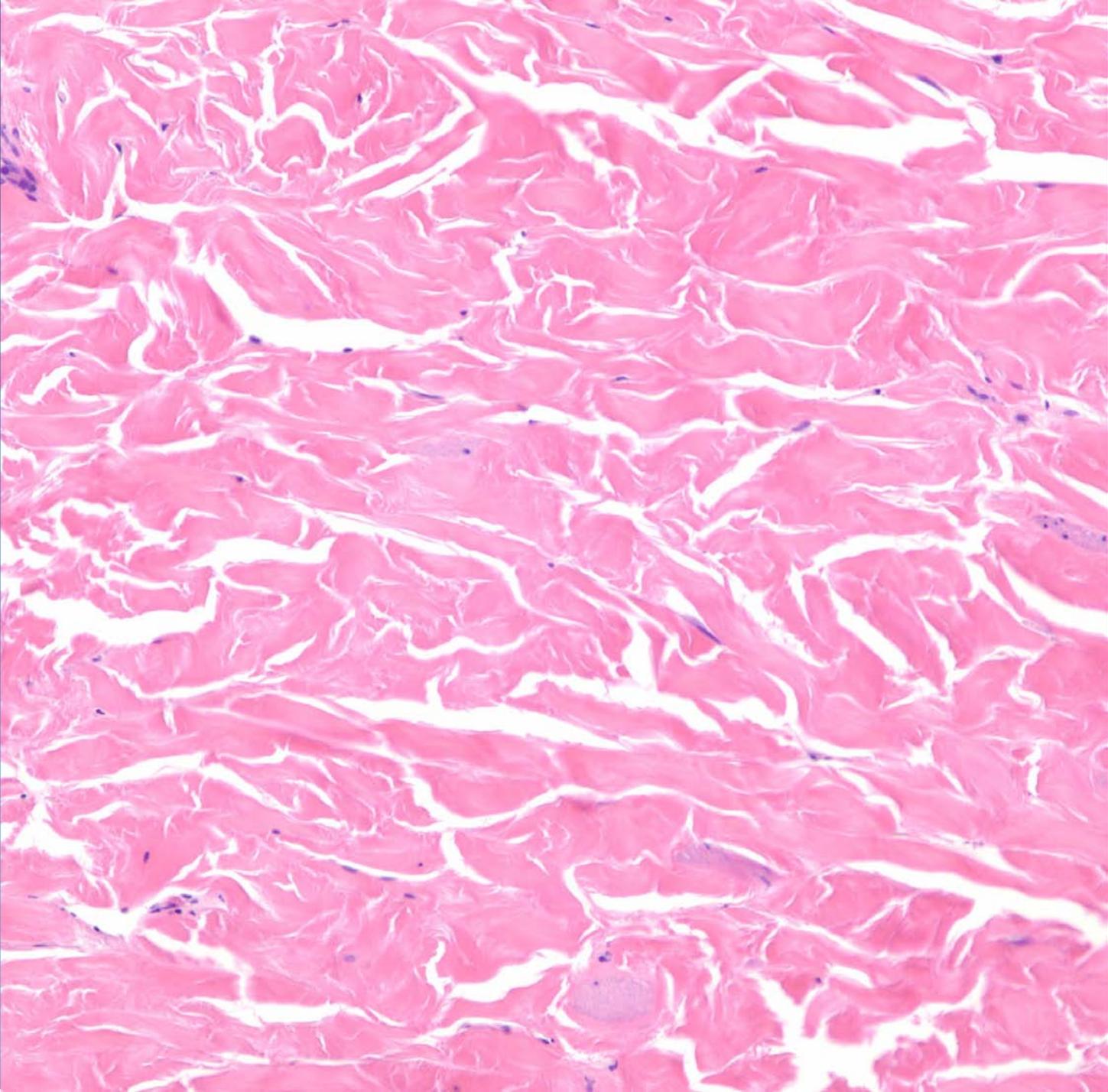
Perilesional Skin





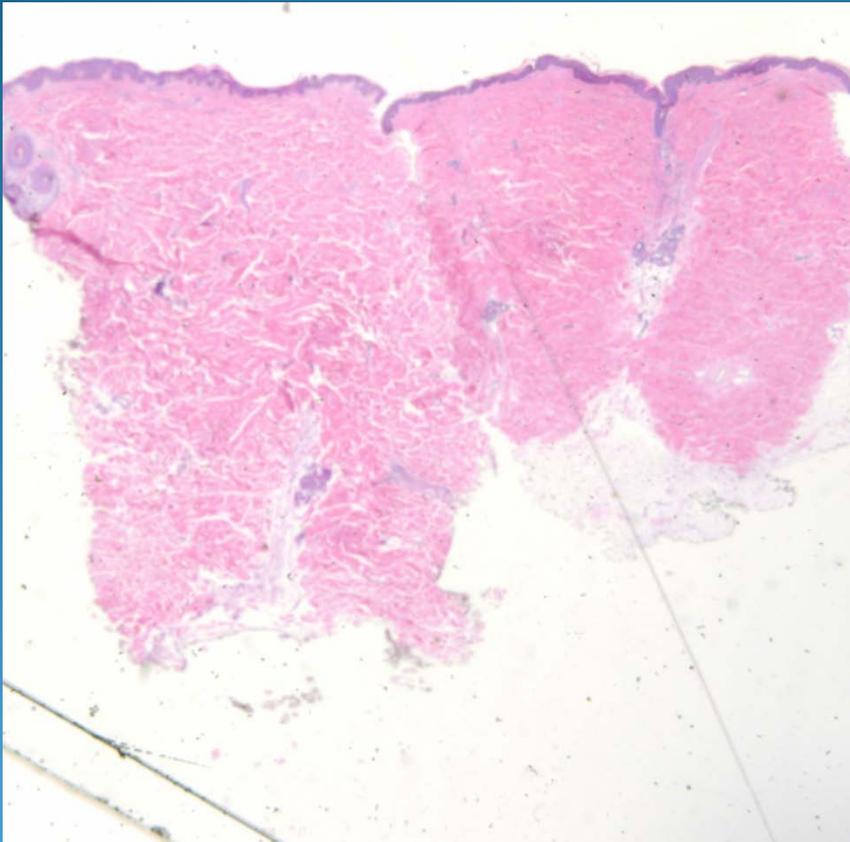




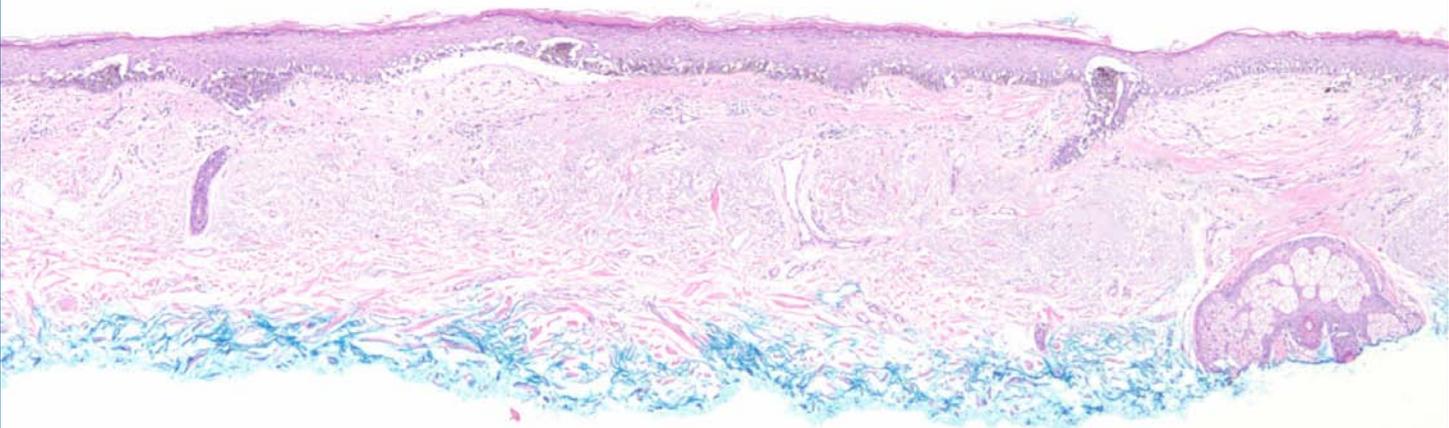


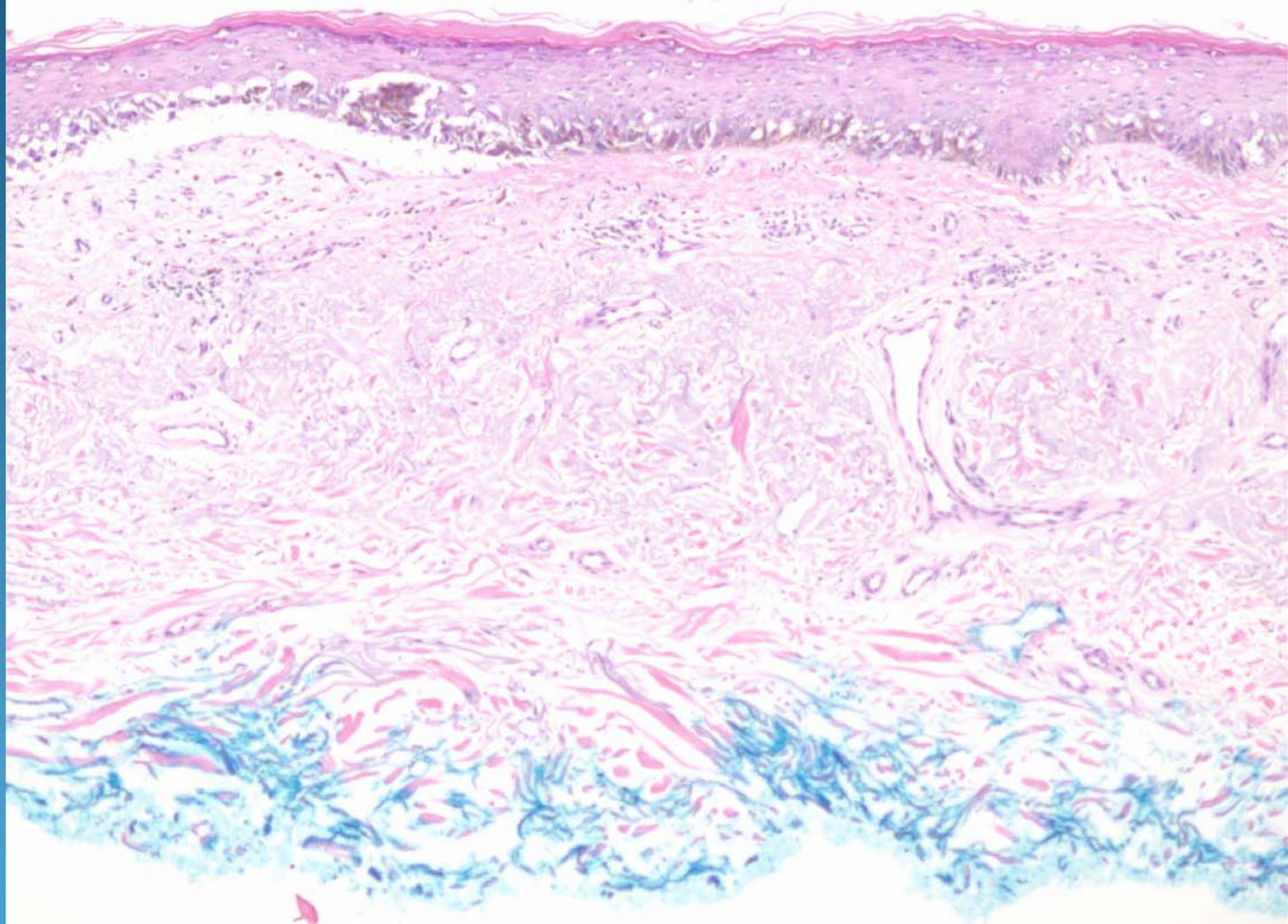
Morphea

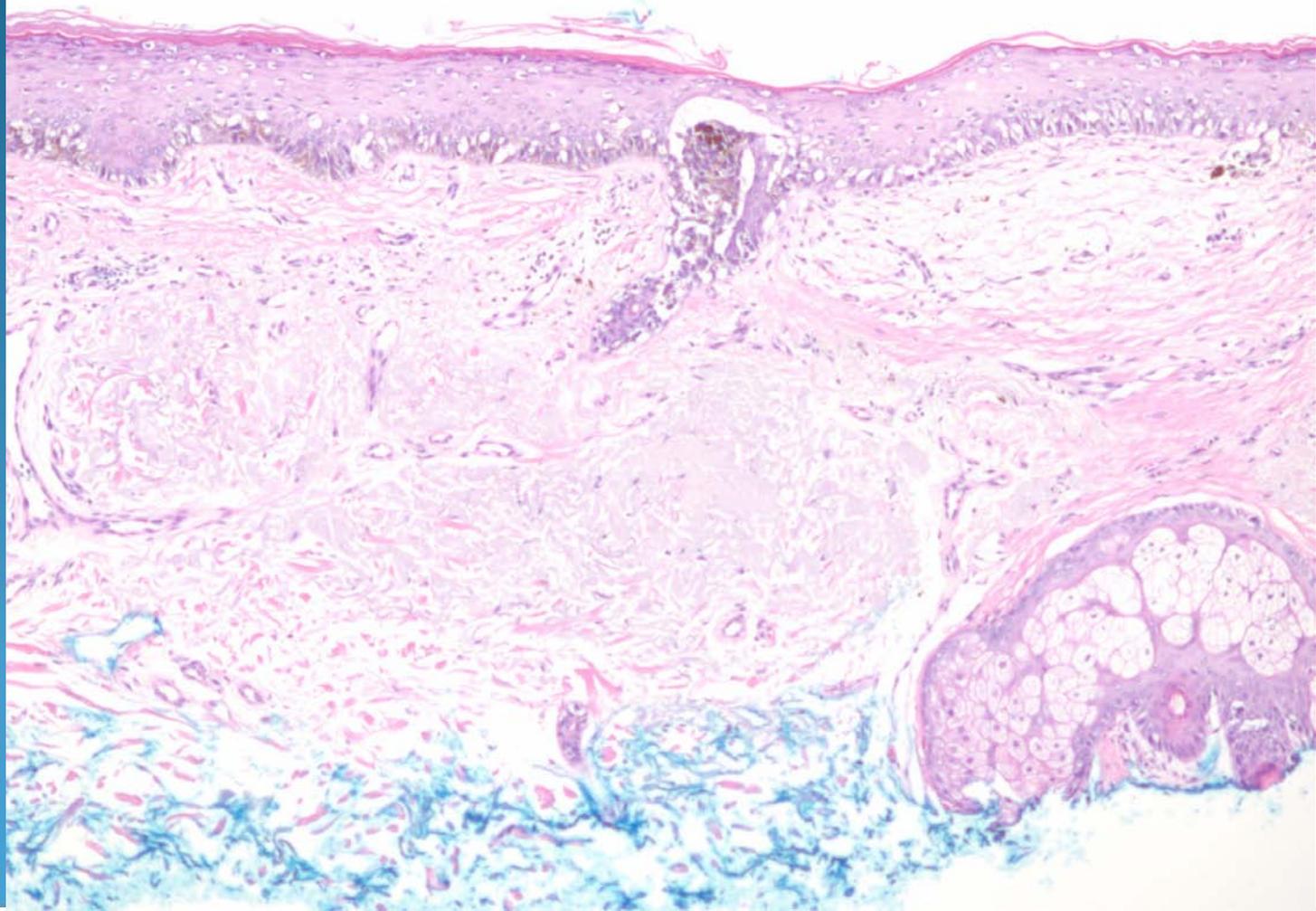
Pearls

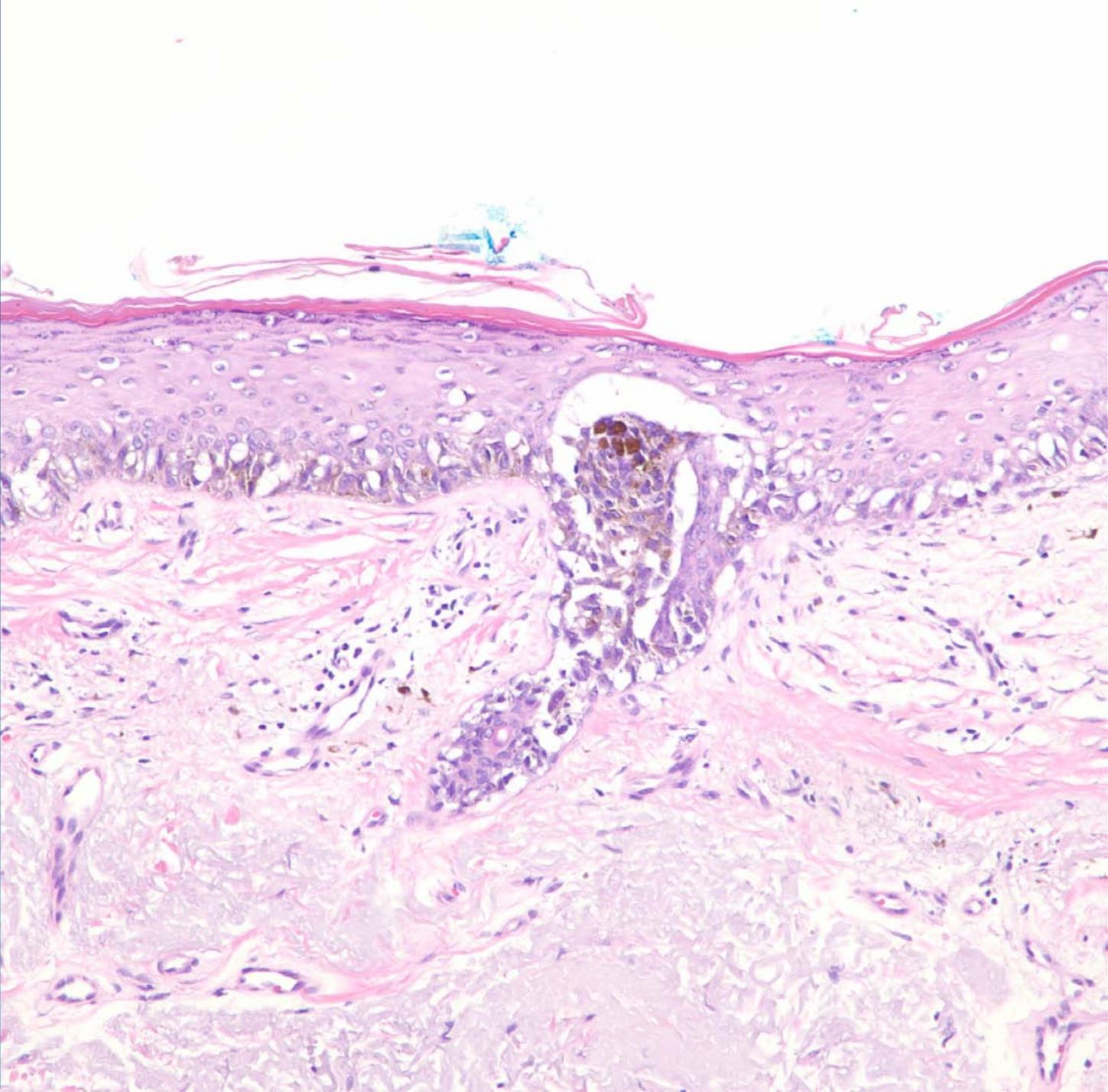


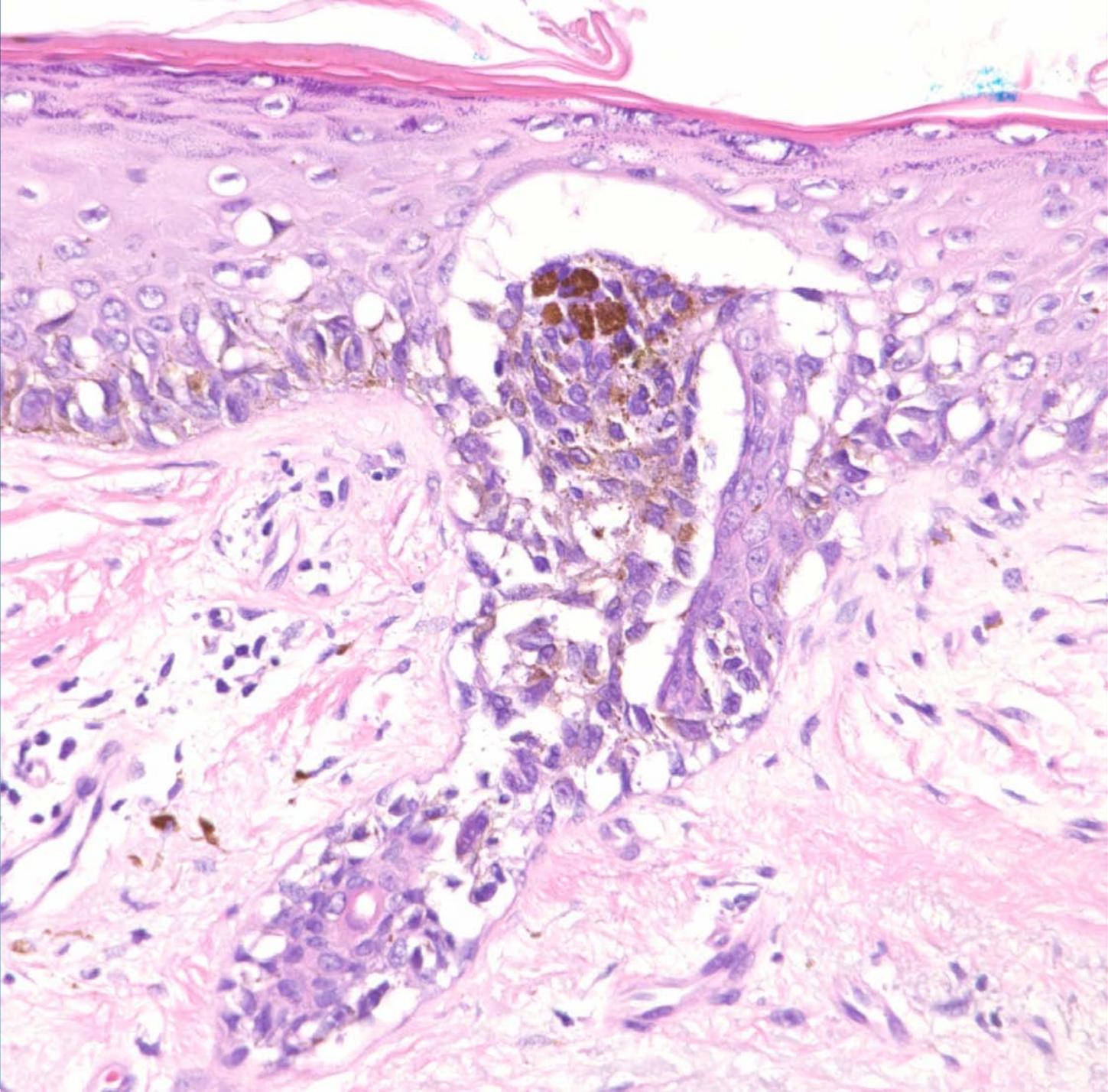
- Morphea may sometimes have minimal changes
- Excellent way to establish the diagnosis is to take a biopsy of adjacent non-lesional skin and compare the dermal thickness with lesional skin, which should be markedly decreased

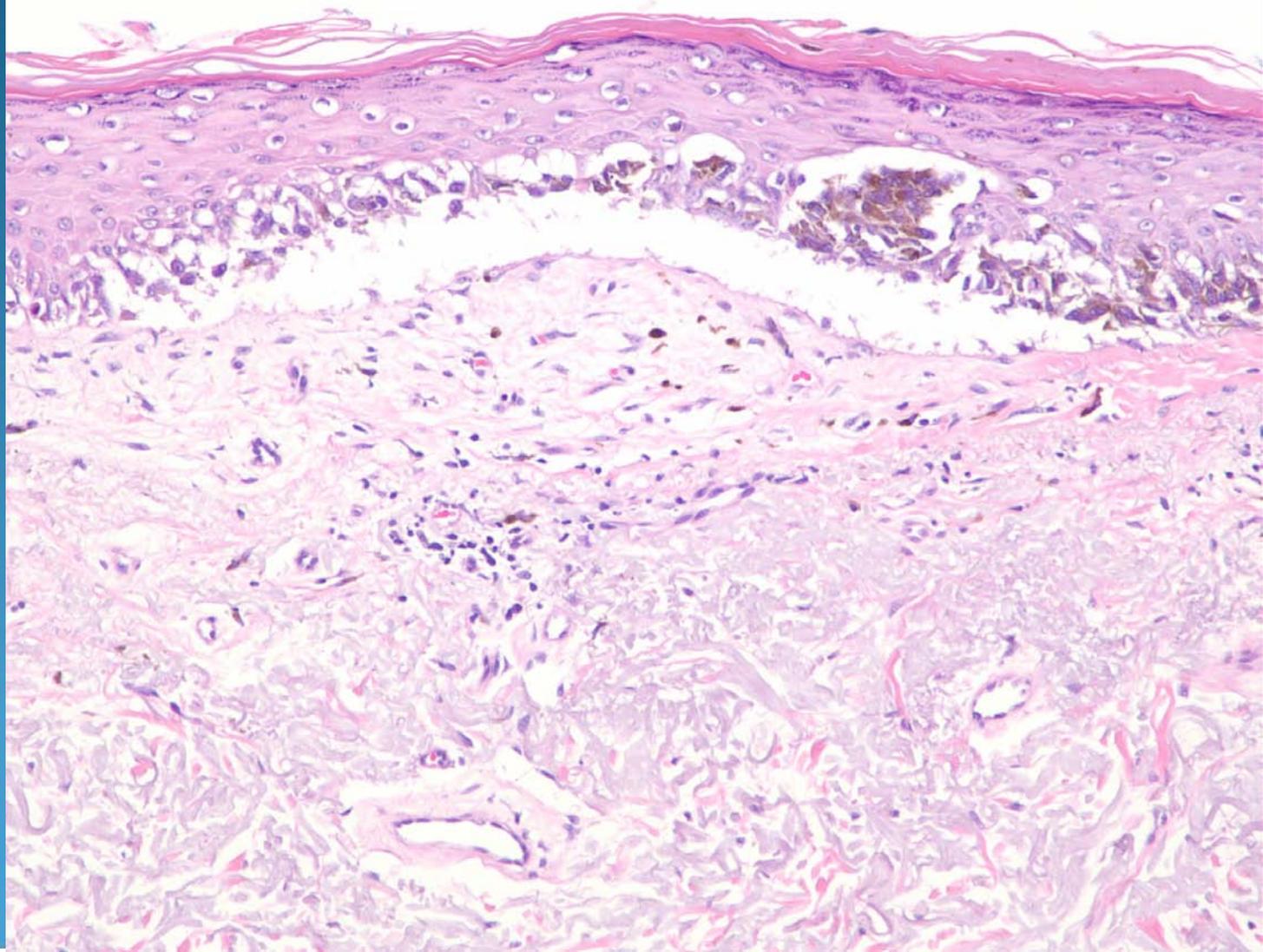


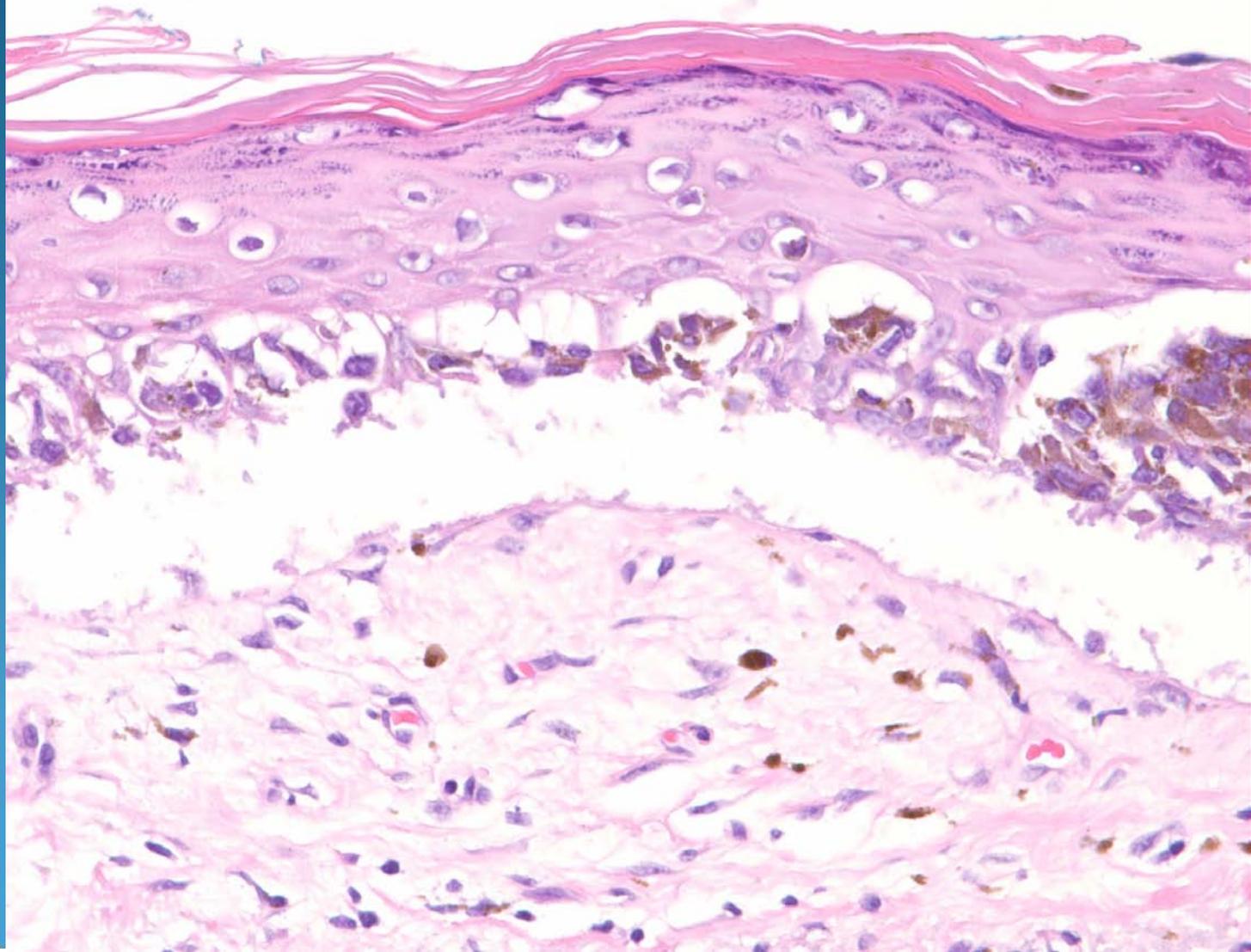






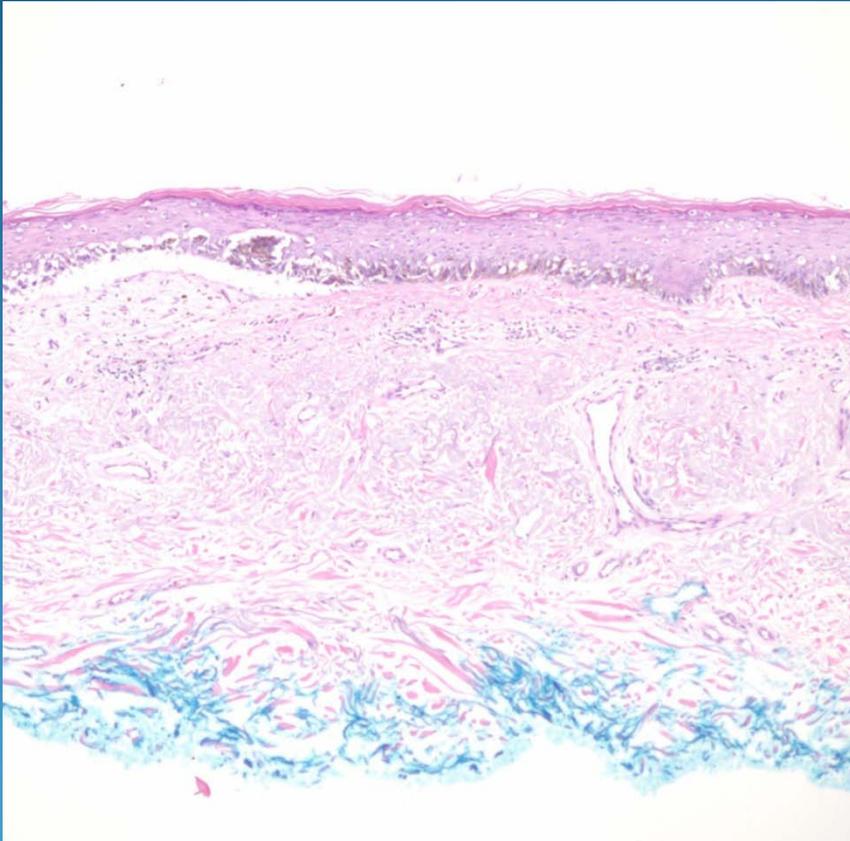




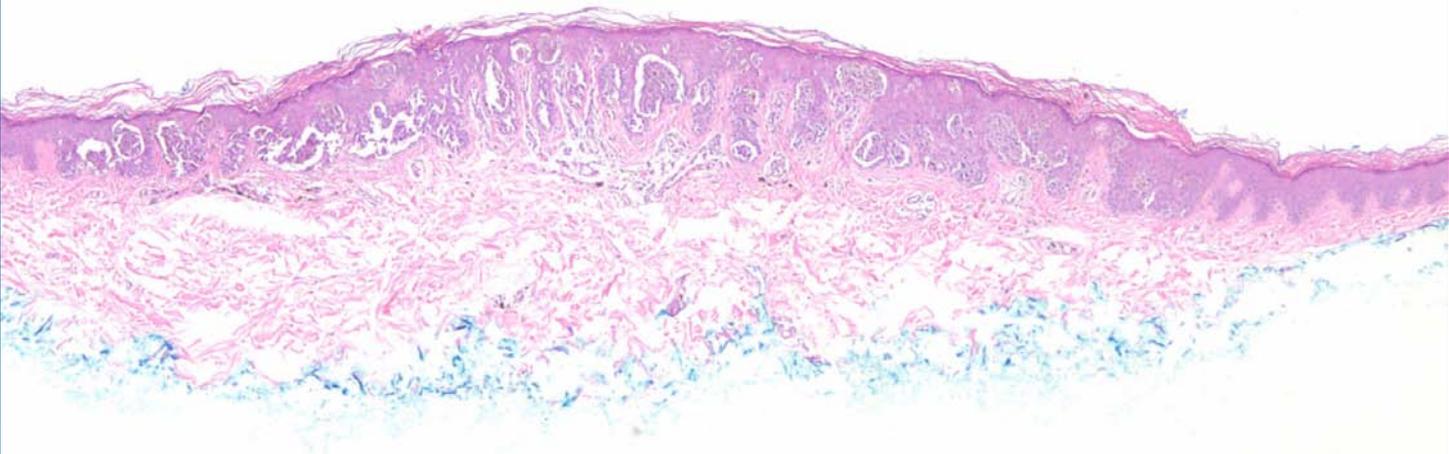


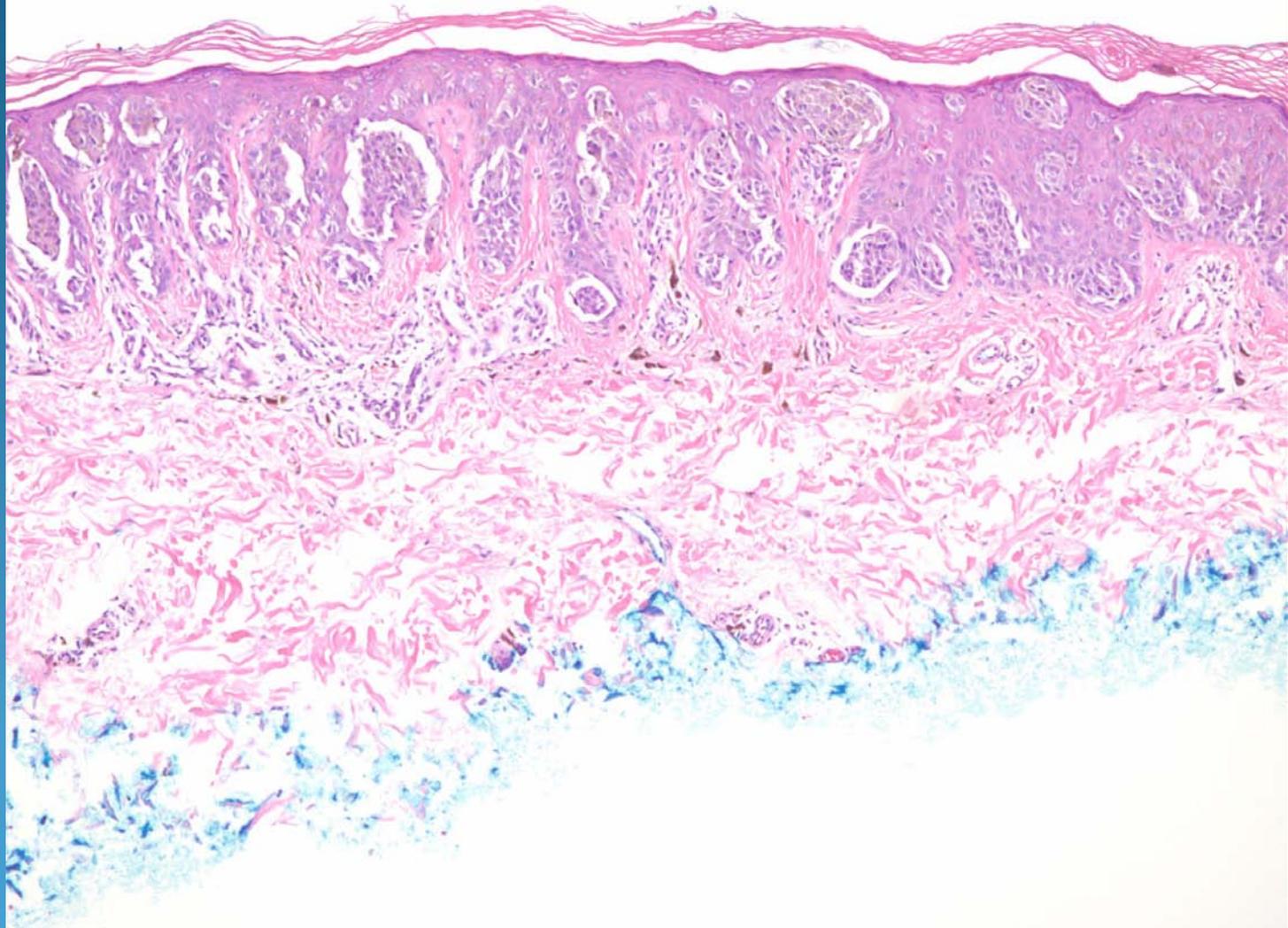
Melanoma in Situ, Lentigo Maligna Type

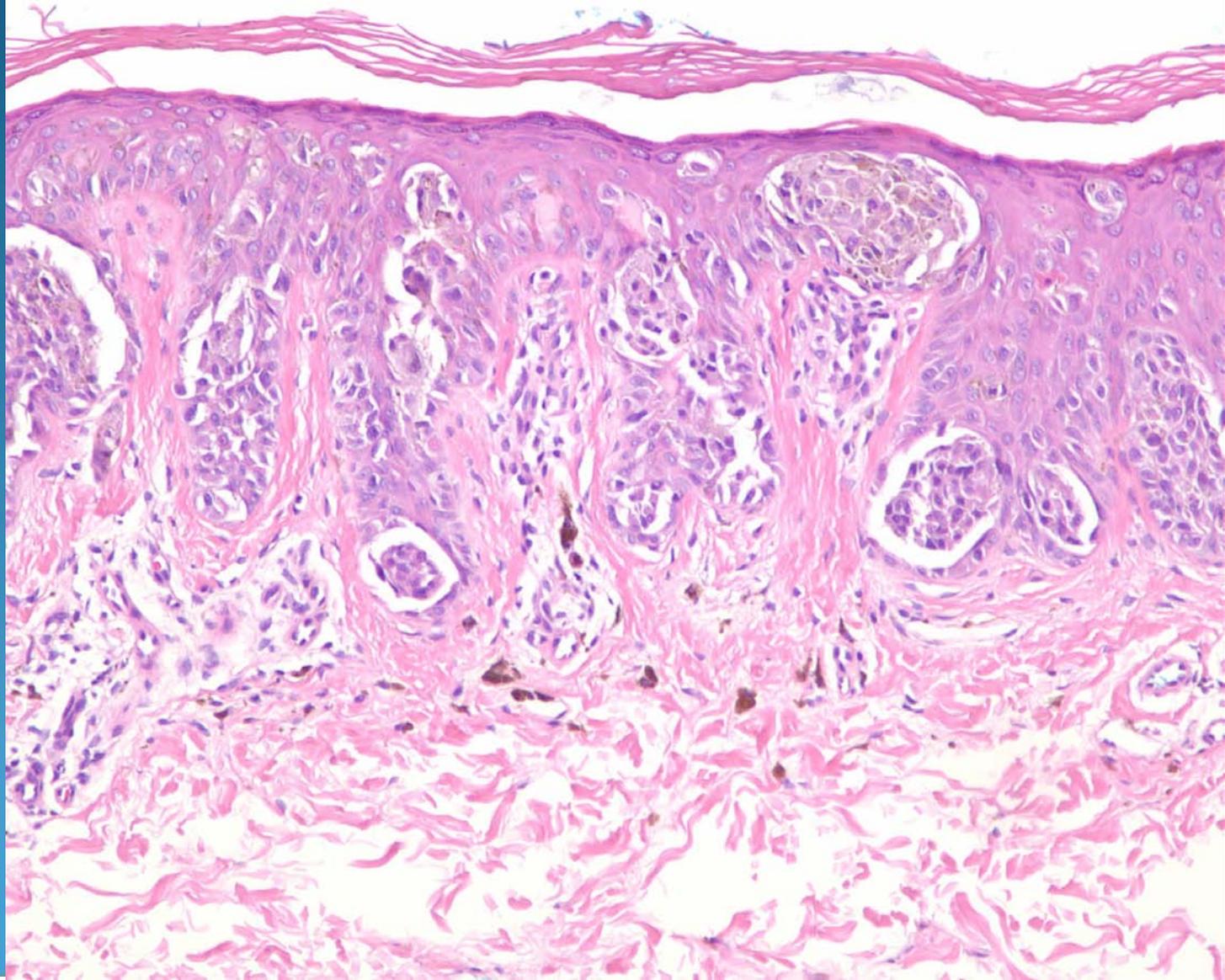
Pearls

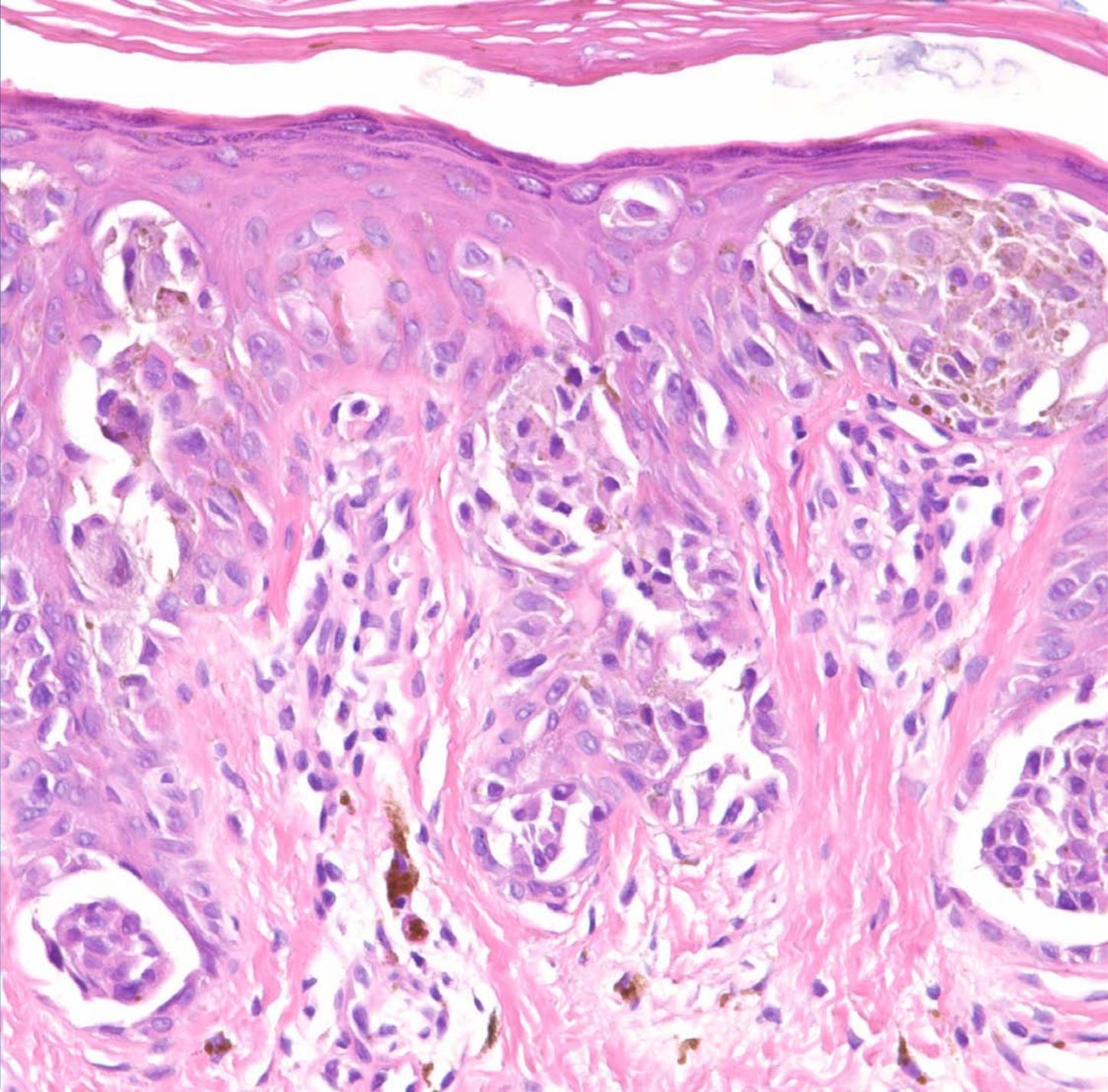


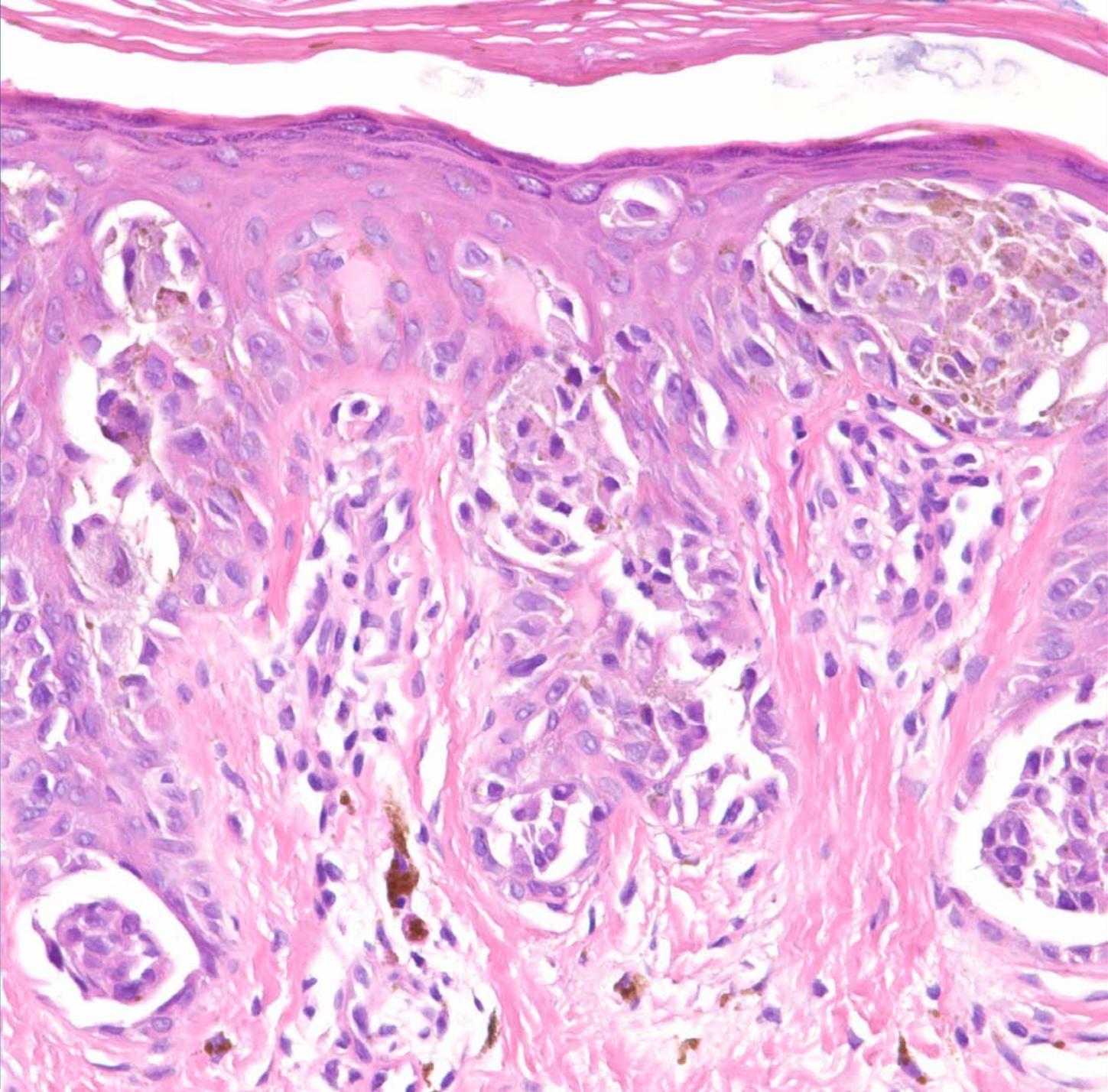
- Expansile discohesive nests of pleomorphic melanocytes
- Asymmetric
- Epidermal thinning on sun damaged skin

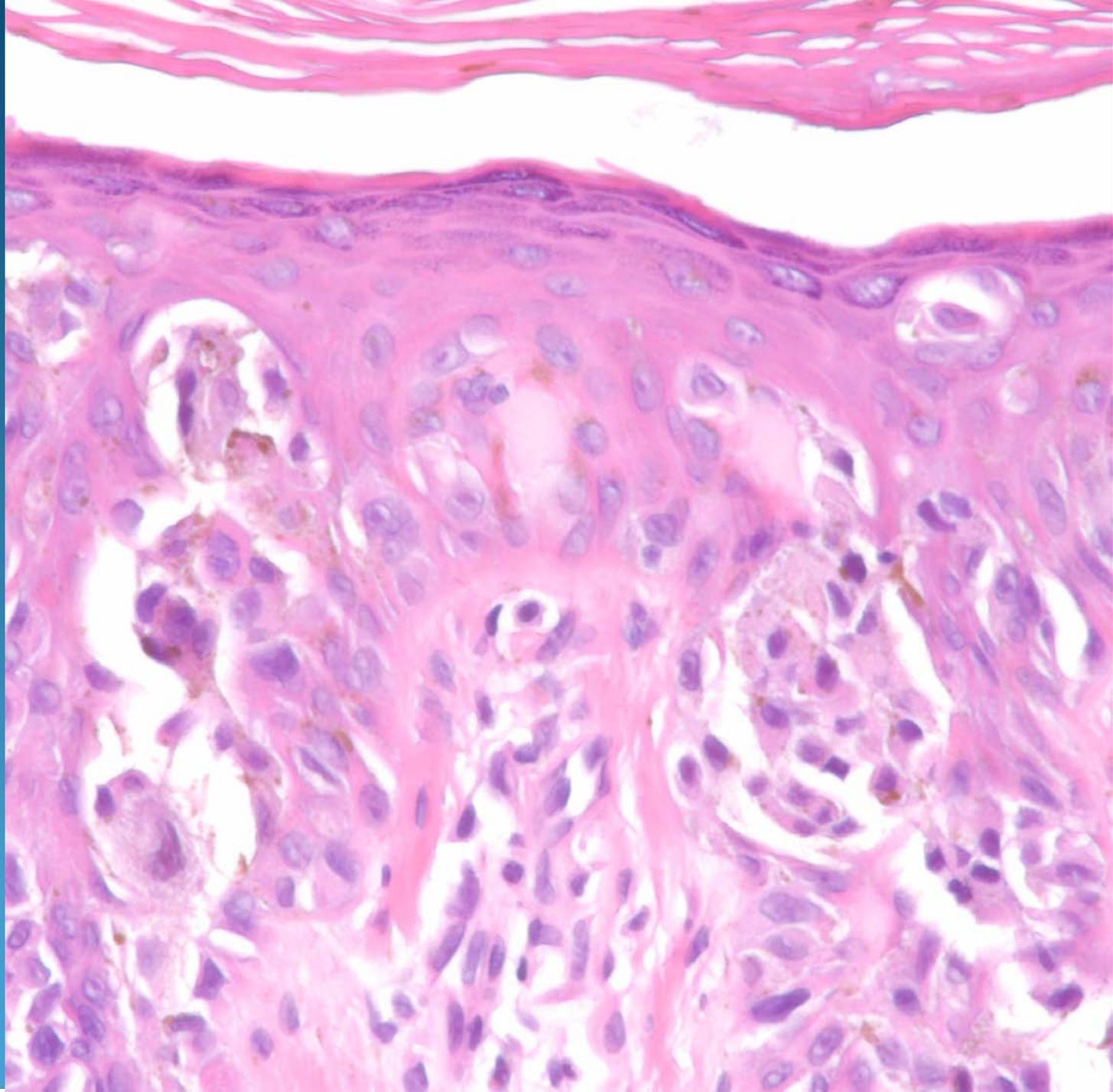






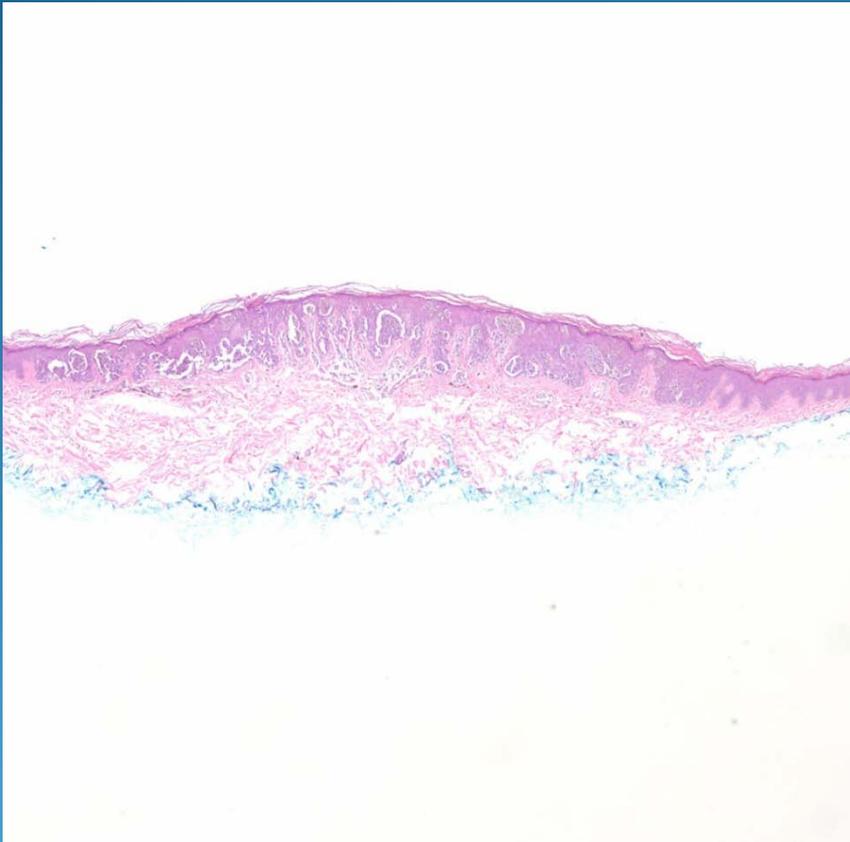






Spitz Nevus, Junctional Type

Pearls



- Circumscribed and symmetric along DE junction
- Expansile nests of spindled and epithelioid melanocytes
- May show clefting above nests
- Streaming pattern of melanocytes within nests
- Kamino bodies