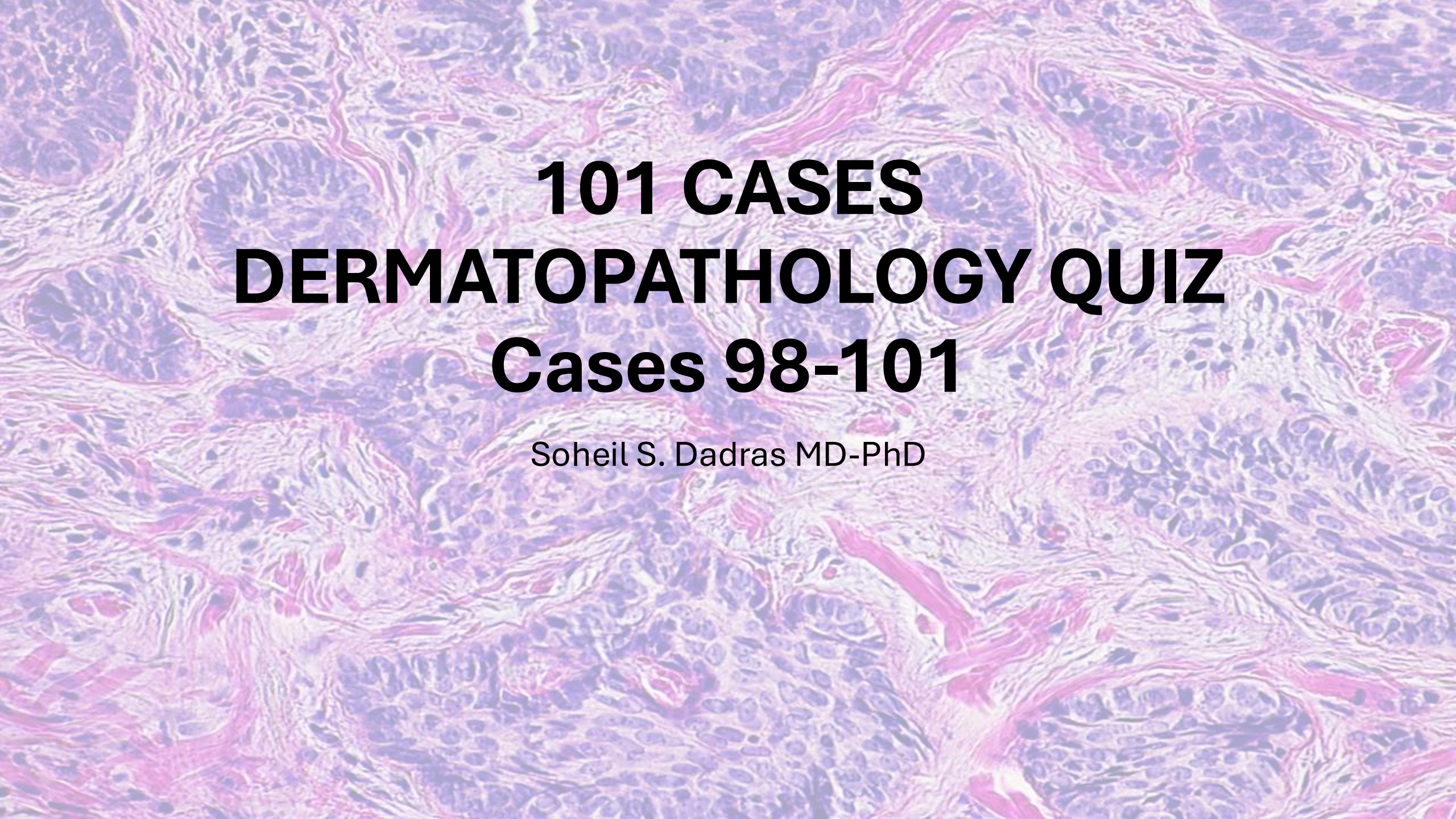


The background of the slide is a histological image, likely a hematoxylin and eosin (H&E) stained section of skin tissue. It shows a dense arrangement of cells with prominent purple nuclei and pinkish-red cytoplasm and extracellular matrix. The texture is complex, with various cellular structures and fibers visible.

101 CASES DERMATOPATHOLOGY QUIZ Cases 98-101

Soheil S. Dadras MD-PhD

Test your knowledge of diagnostic skin pathology

See

- You will see three images per case
- Low magnification
- Medium magnification
- High magnification

Examine

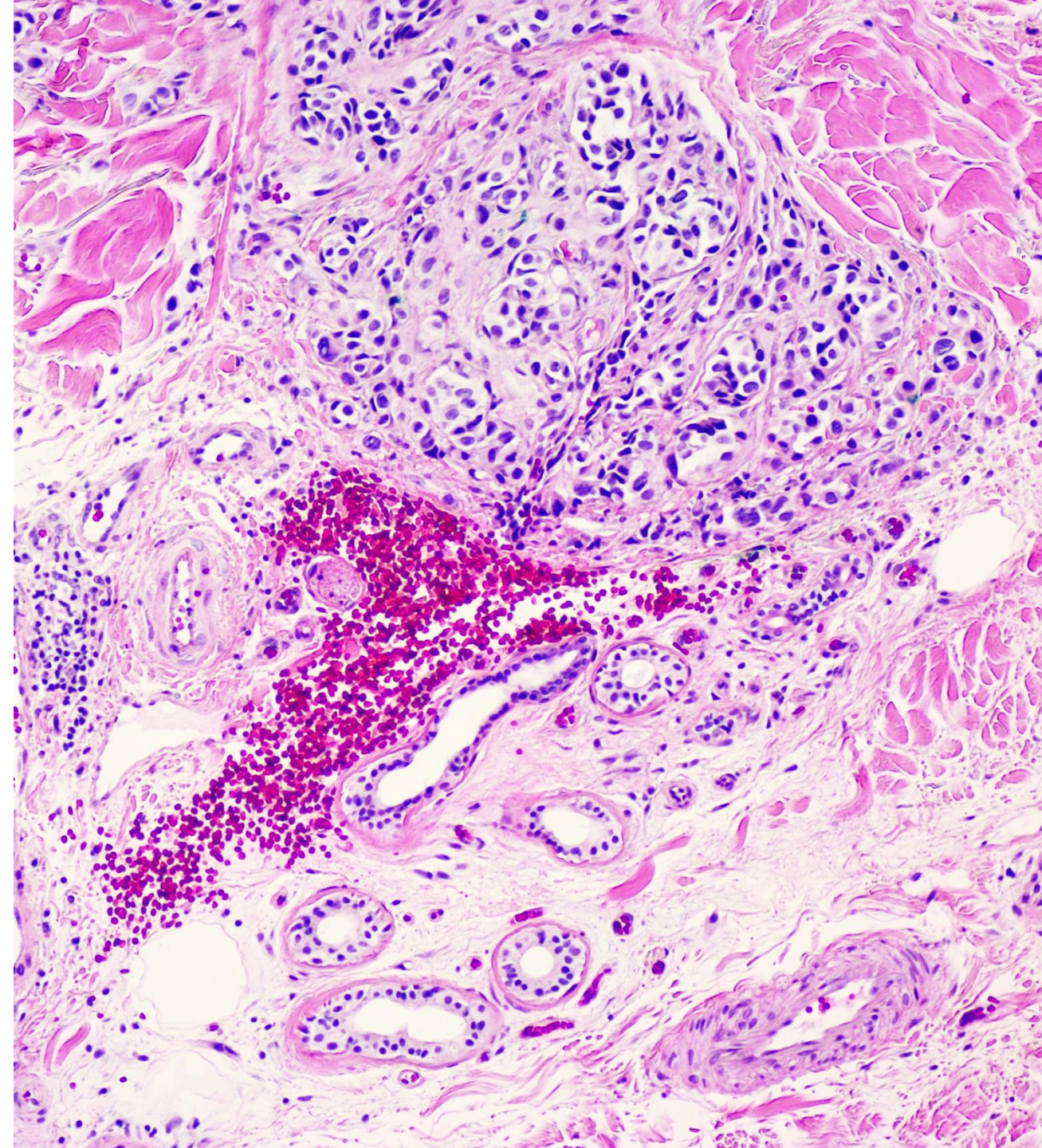
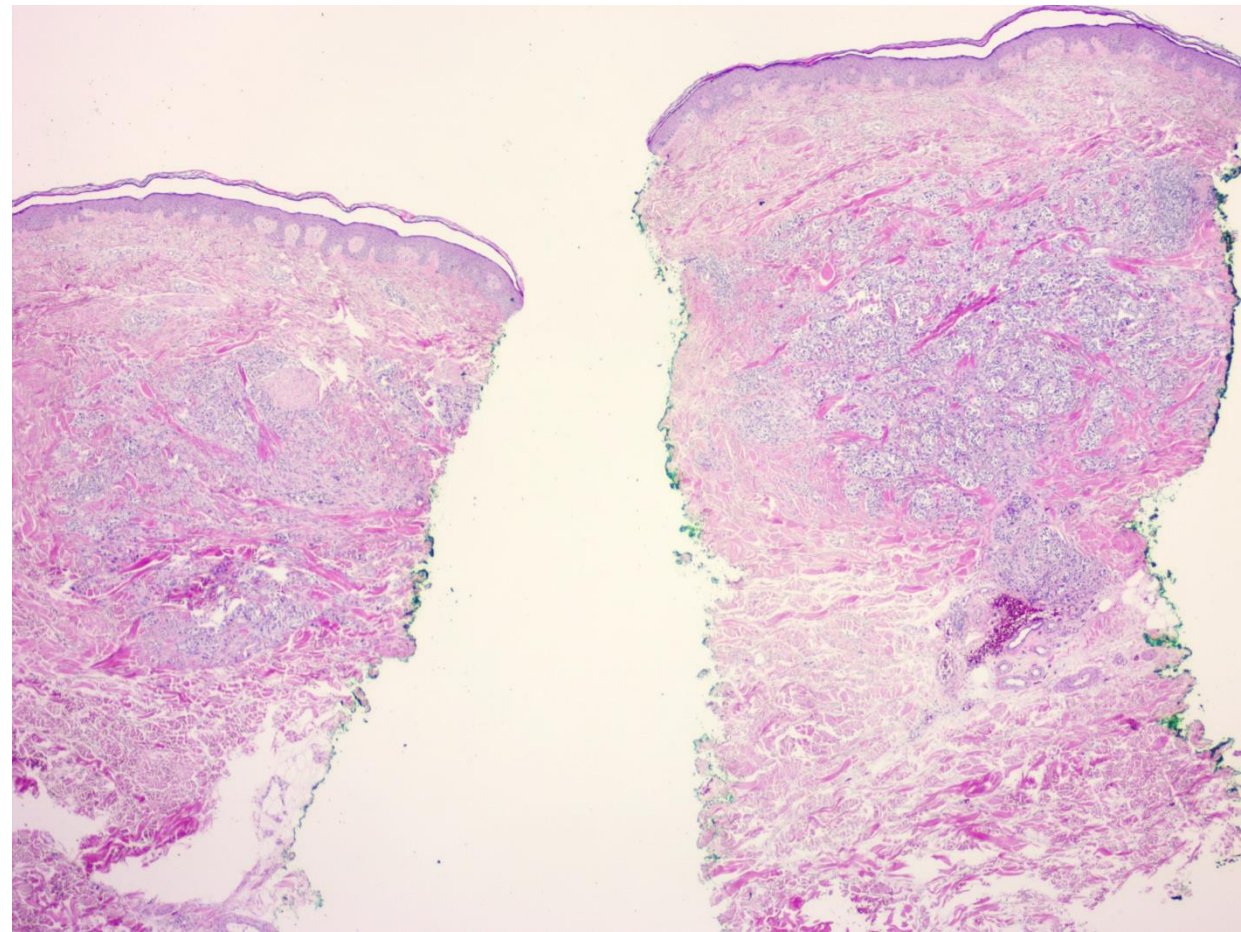
- Examine the images

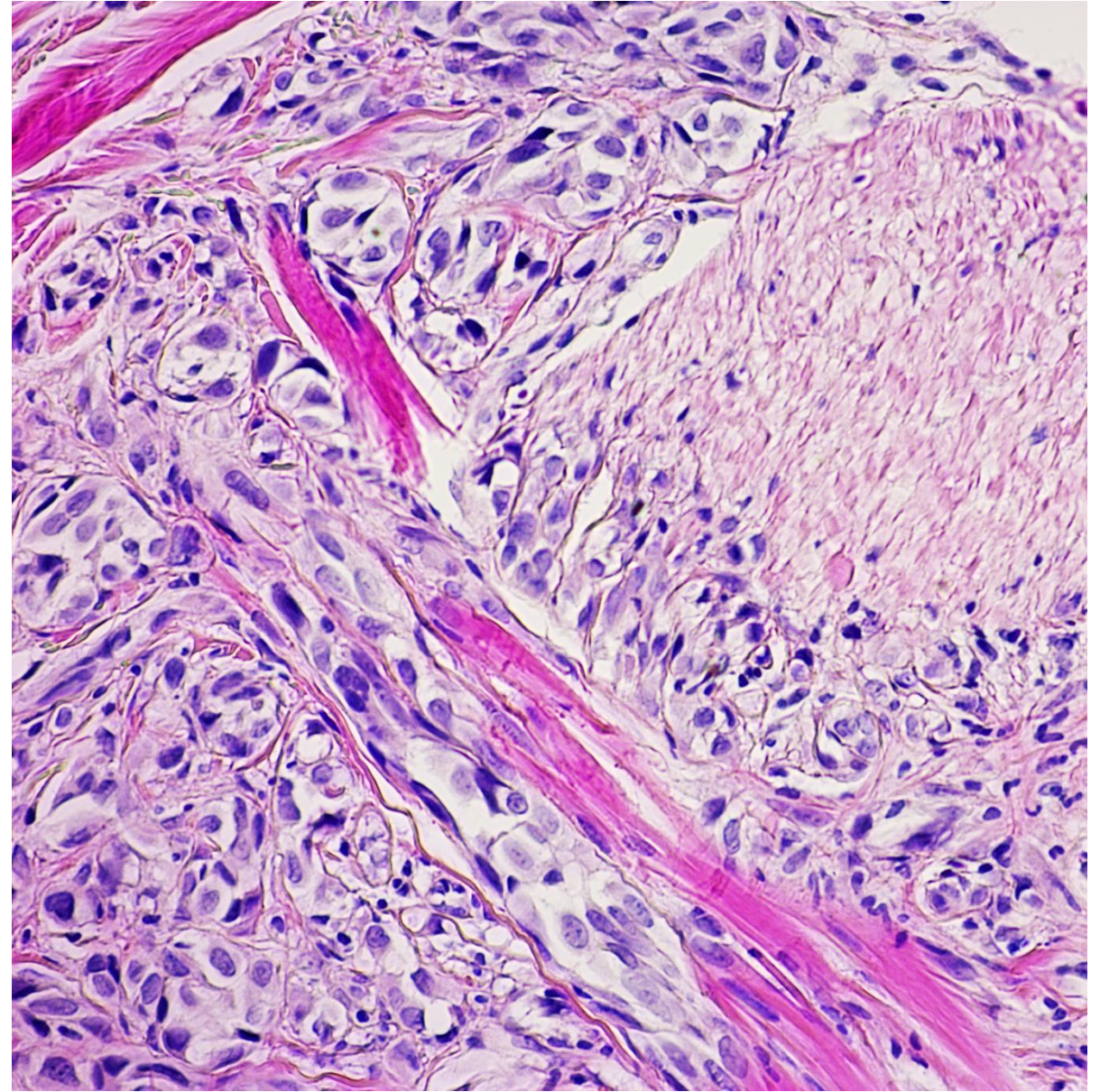
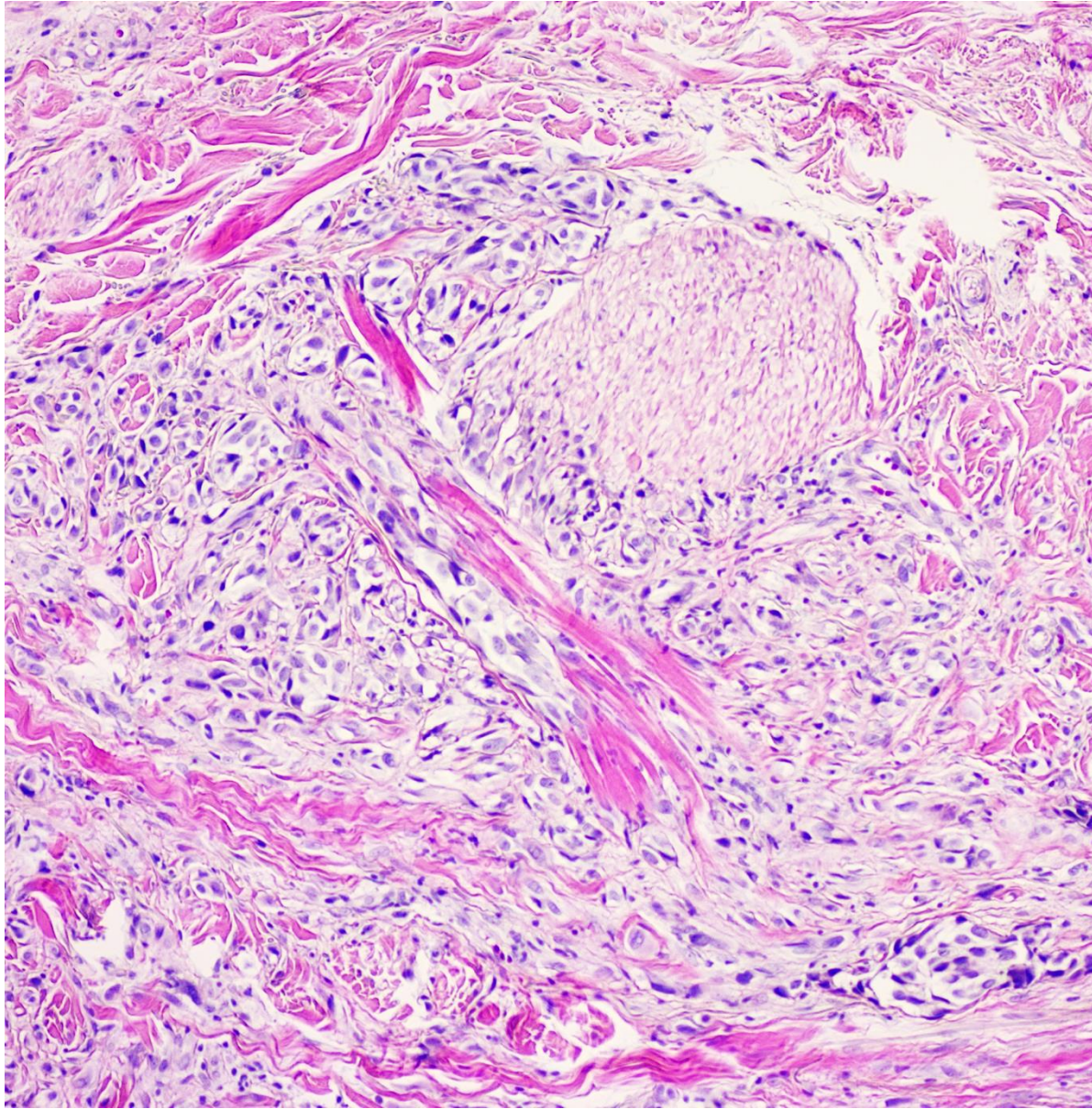
Answer

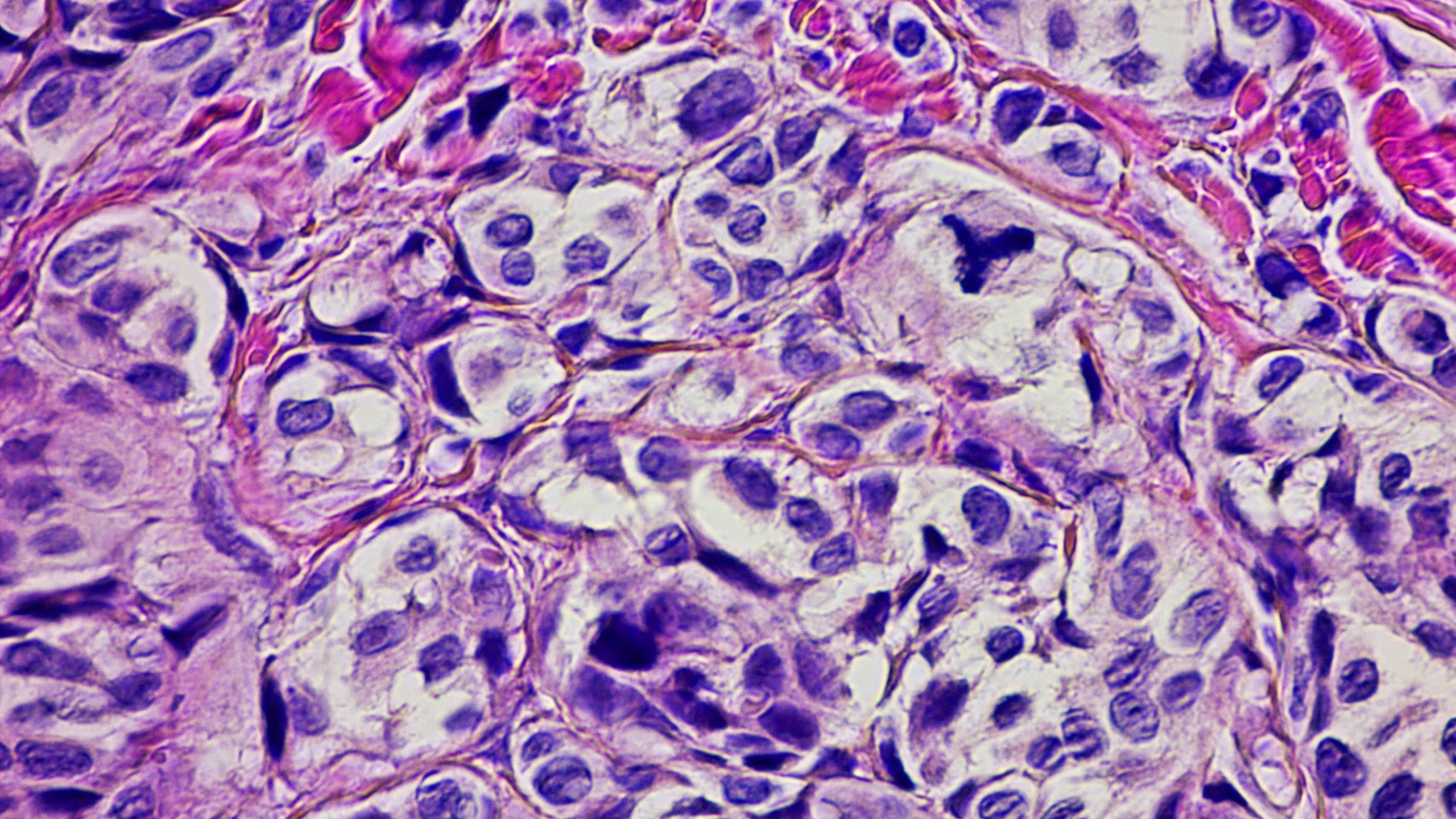
- Answer the questions

Find

- Find the answer at the end of every case







Case 98. 68M, Skin, Left Thigh; New dermal papule, favor evolving dermatofibroma. What is your diagnosis?

A. Dermatofibroma, aneurysmal variant

B. Dermatofibrosarcoma protuberans

C. Angiomatoid fibrous histiocyoma

D. Melanoma

E. Intradermal melanocytic nevus

Case 98. 68M, Skin, Left Thigh; New dermal papule, favor evolving dermatofibroma. What is your diagnosis?

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E. Intradermal melanocytic nevus

Case 99. 68M, Skin, Left Thigh (case no. 98); New dermal papule, favor evolving dermatofibroma. Which two IHC markers would confirm the diagnosis?

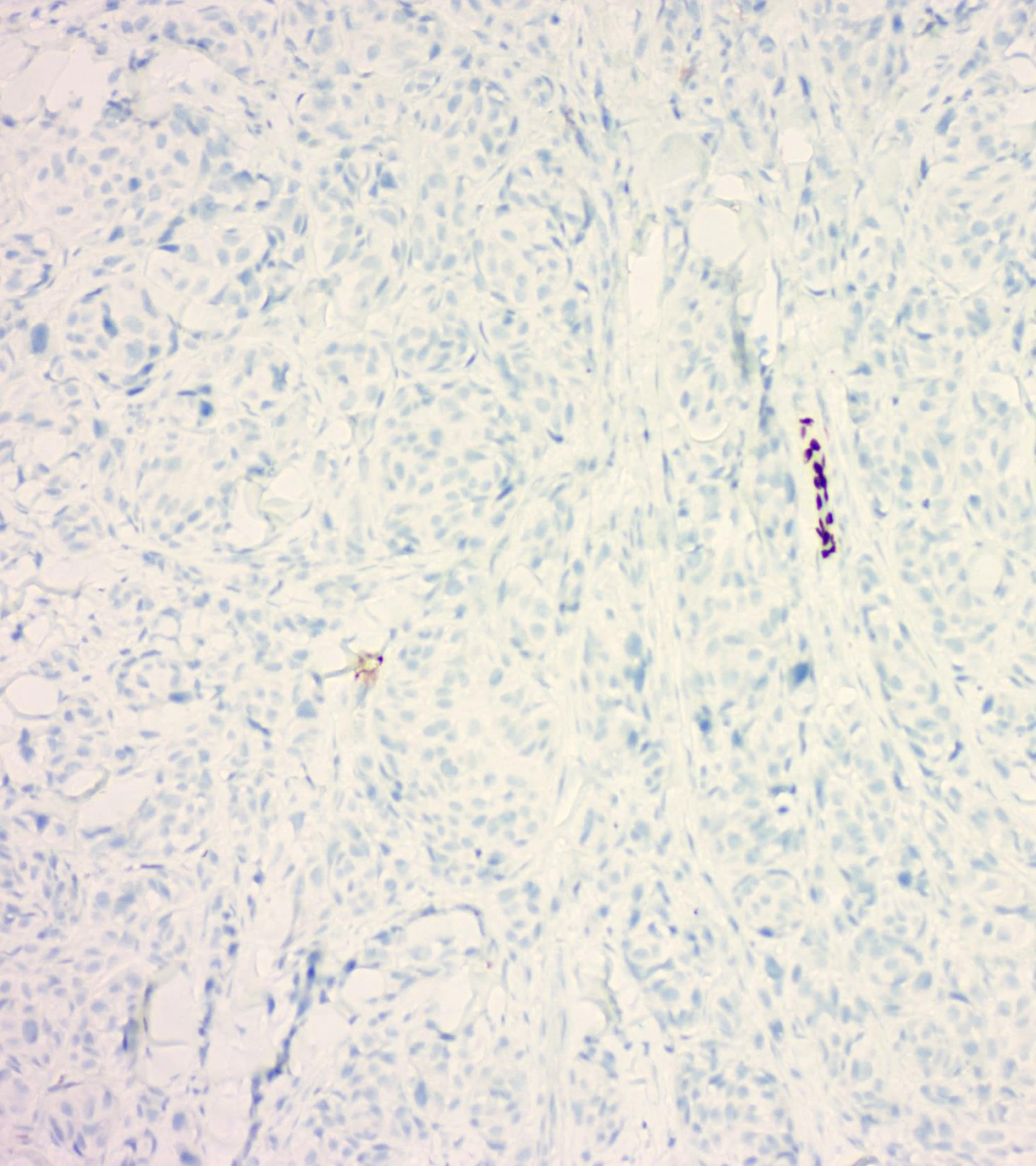
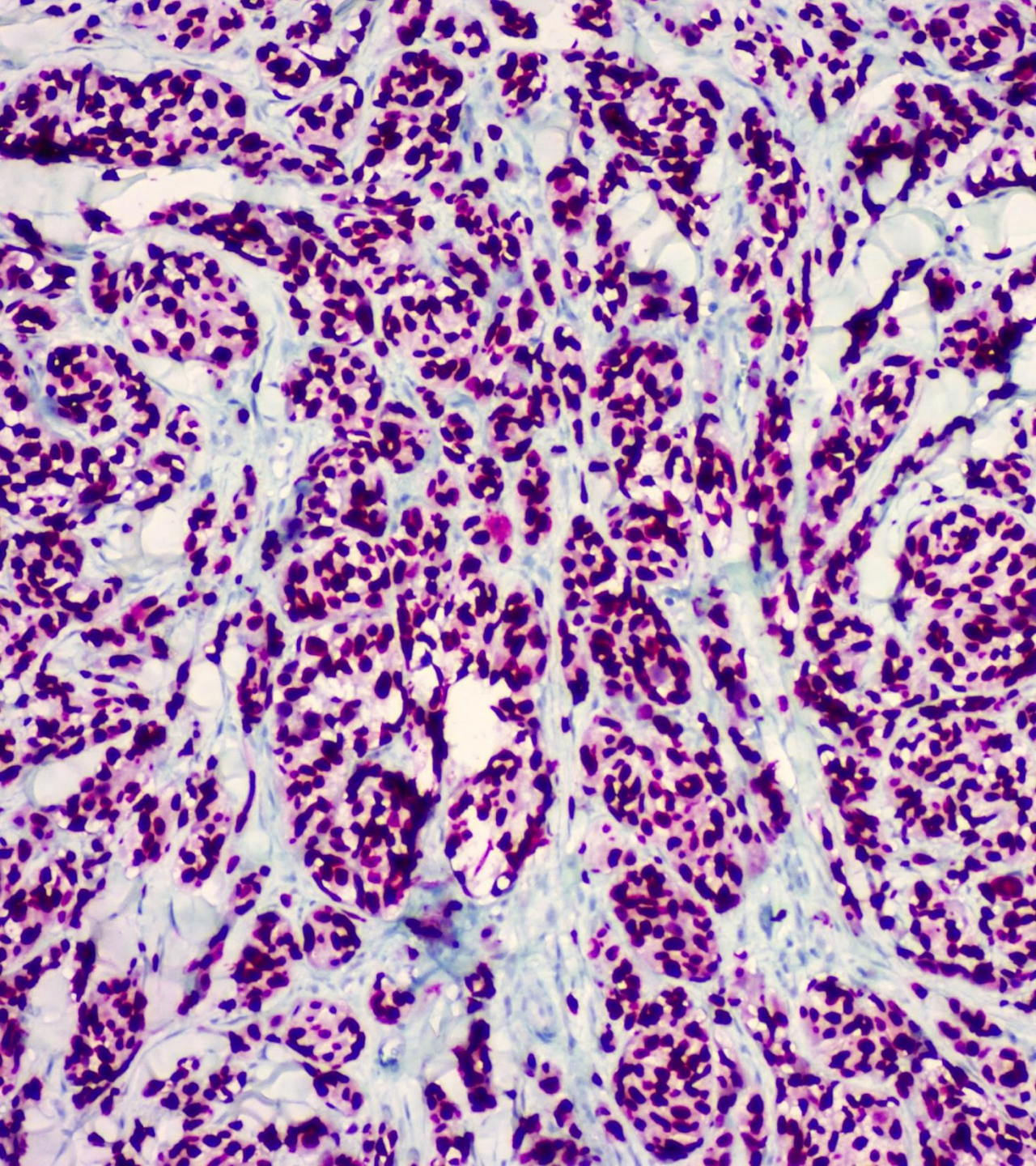
A. S100-; CD34+

B. S100+, CD31-

C. SOX-10-, p53+

D. SOX-10+, p40/p63-

E. SOX-10-, p16+



Case 99. 68M, Skin, Left Thigh (case no. 98); New dermal papule, favor evolving dermatofibroma. Which two IHC markers would confirm the diagnosis?

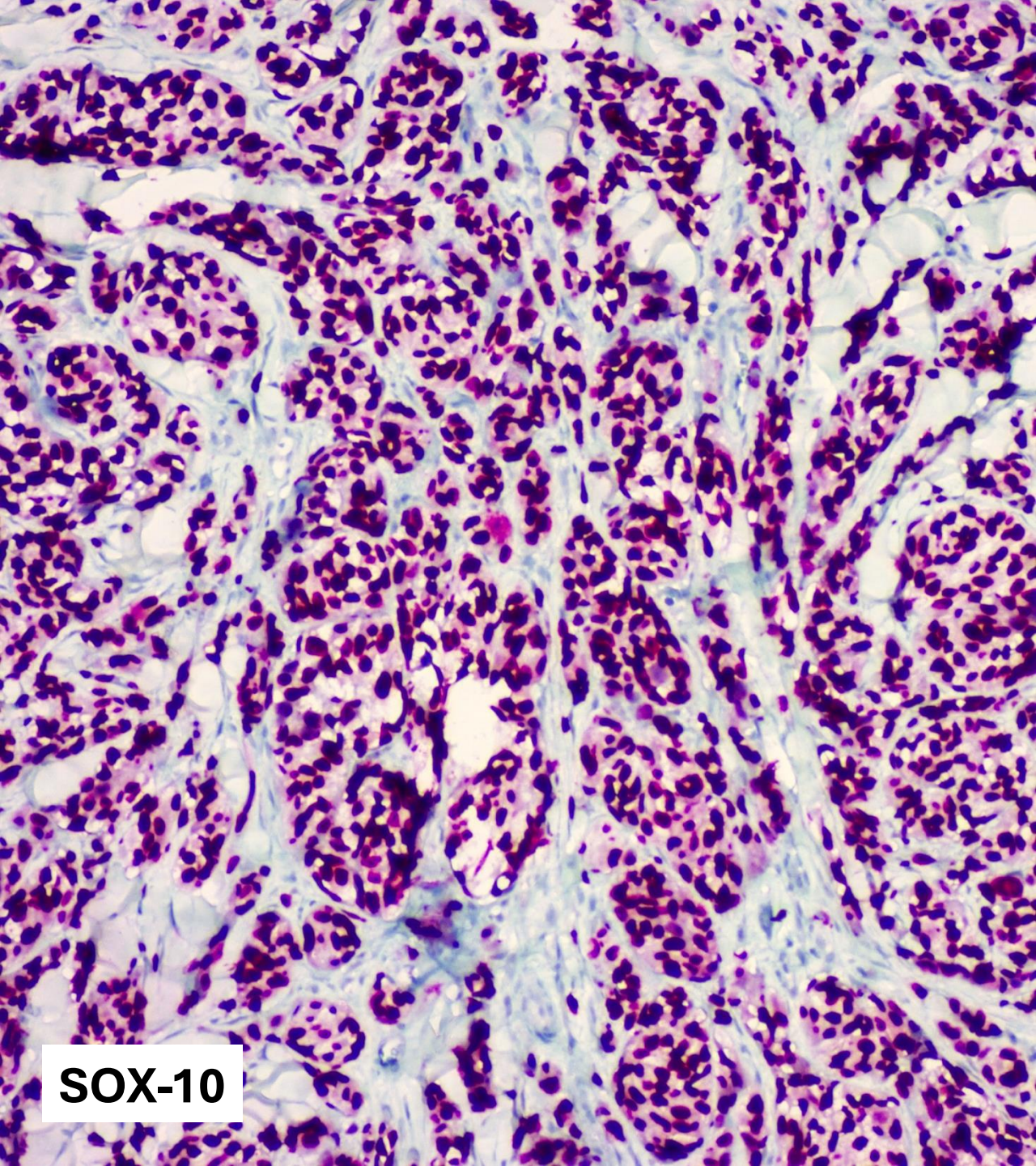
A. S100-; CD34+

B. S100+, CD31-

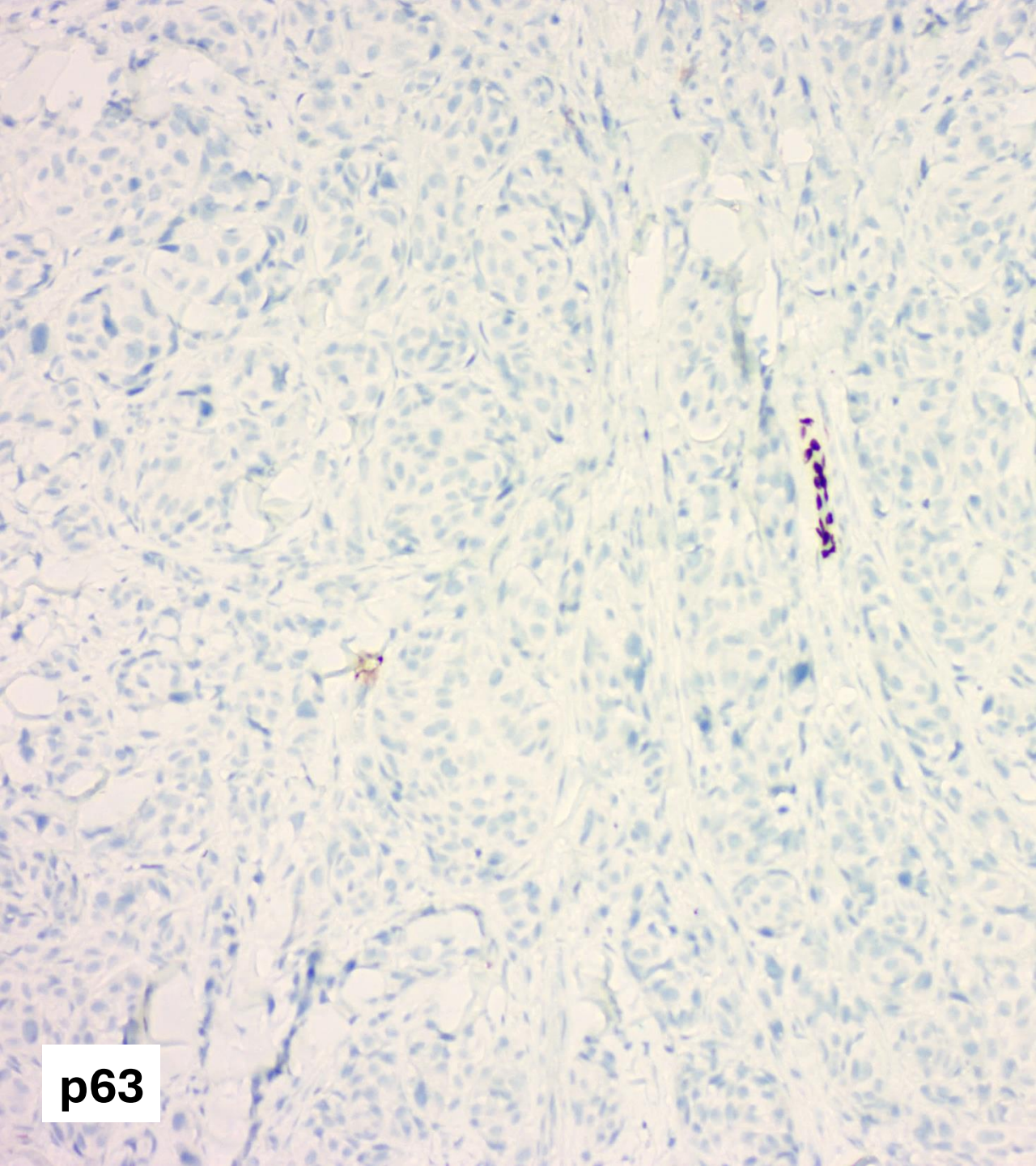
C. SOX-10-, p53+

D. SOX-10+, p40/p63-

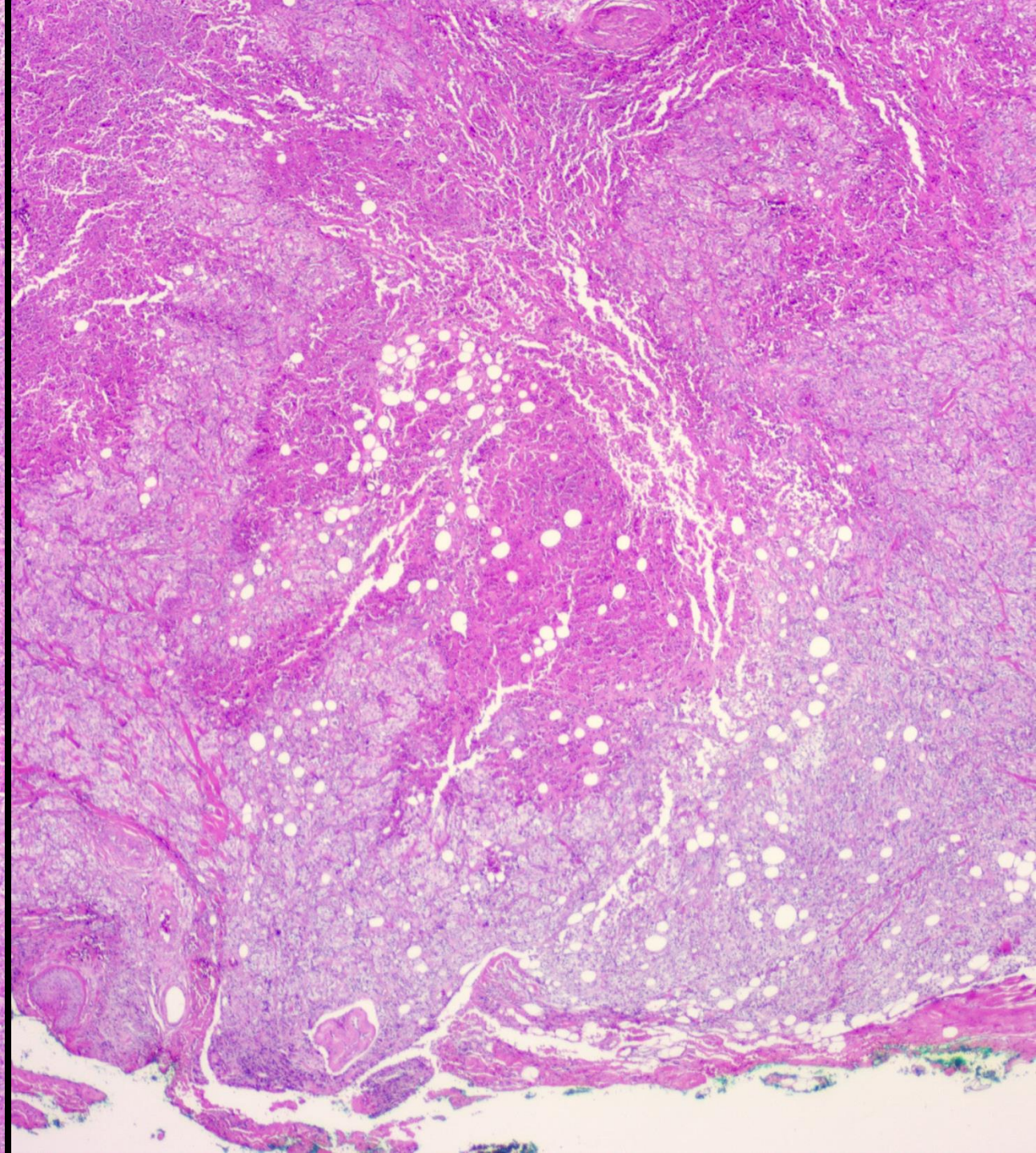
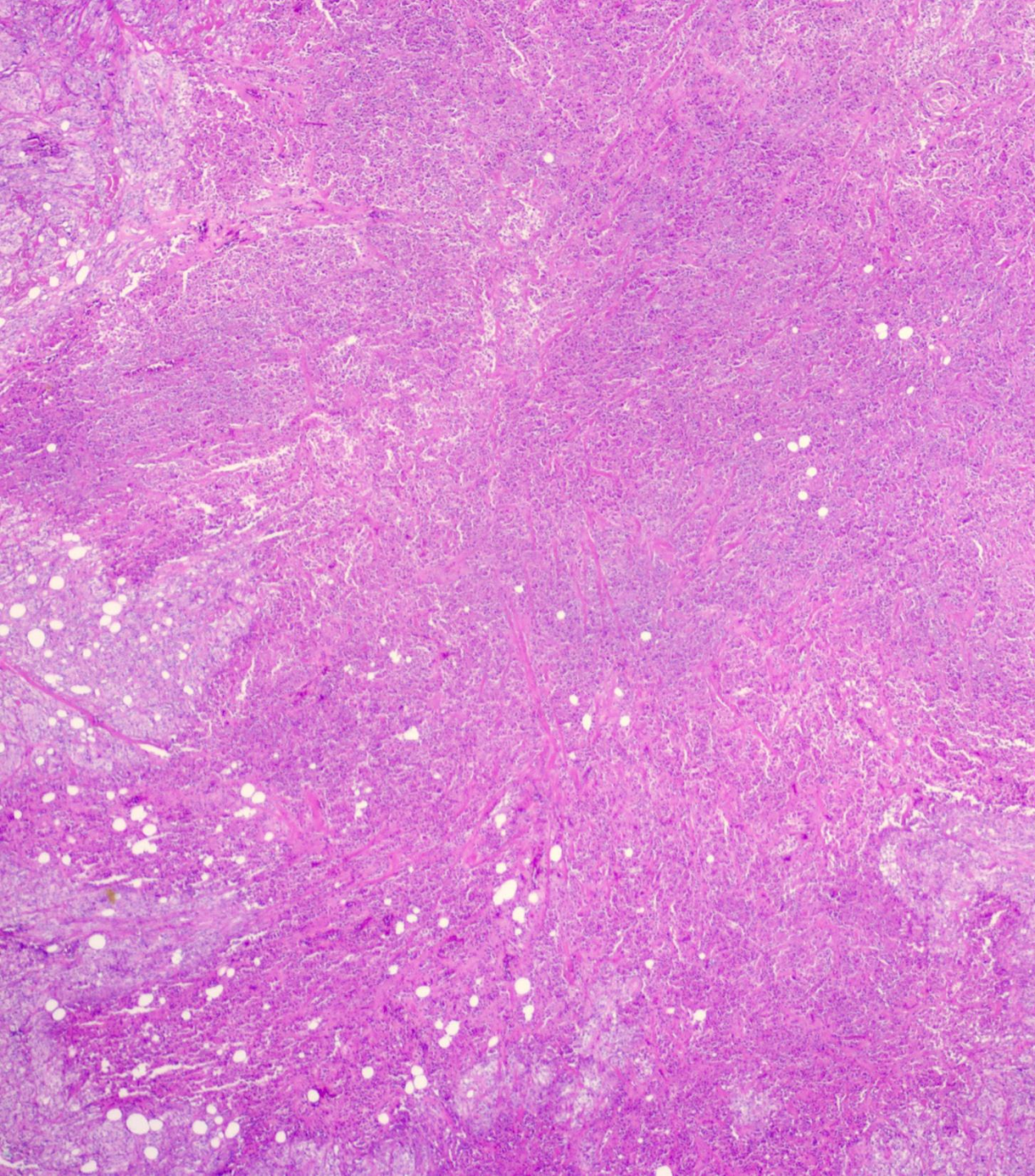
E. SOX-10-, p16+

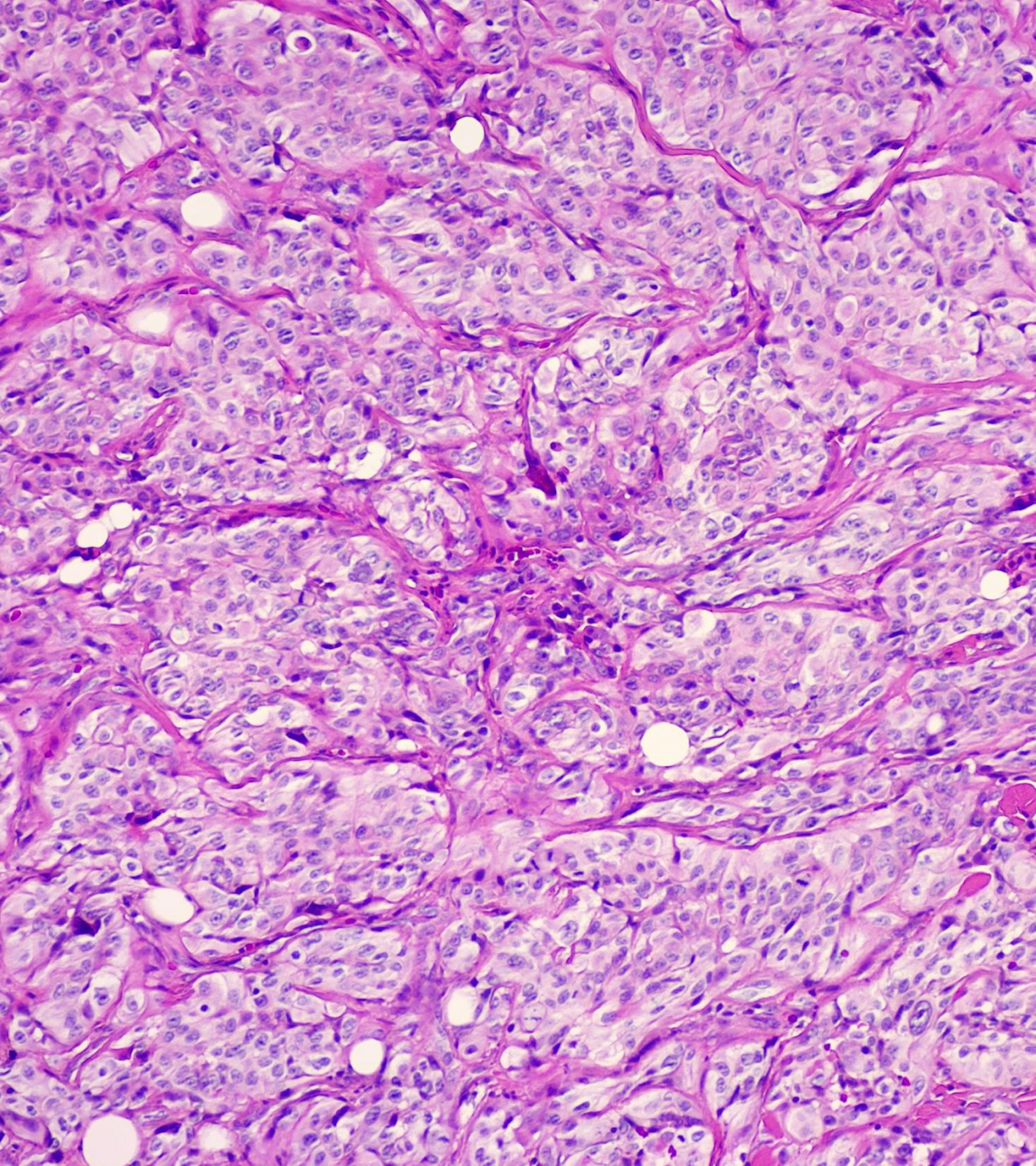
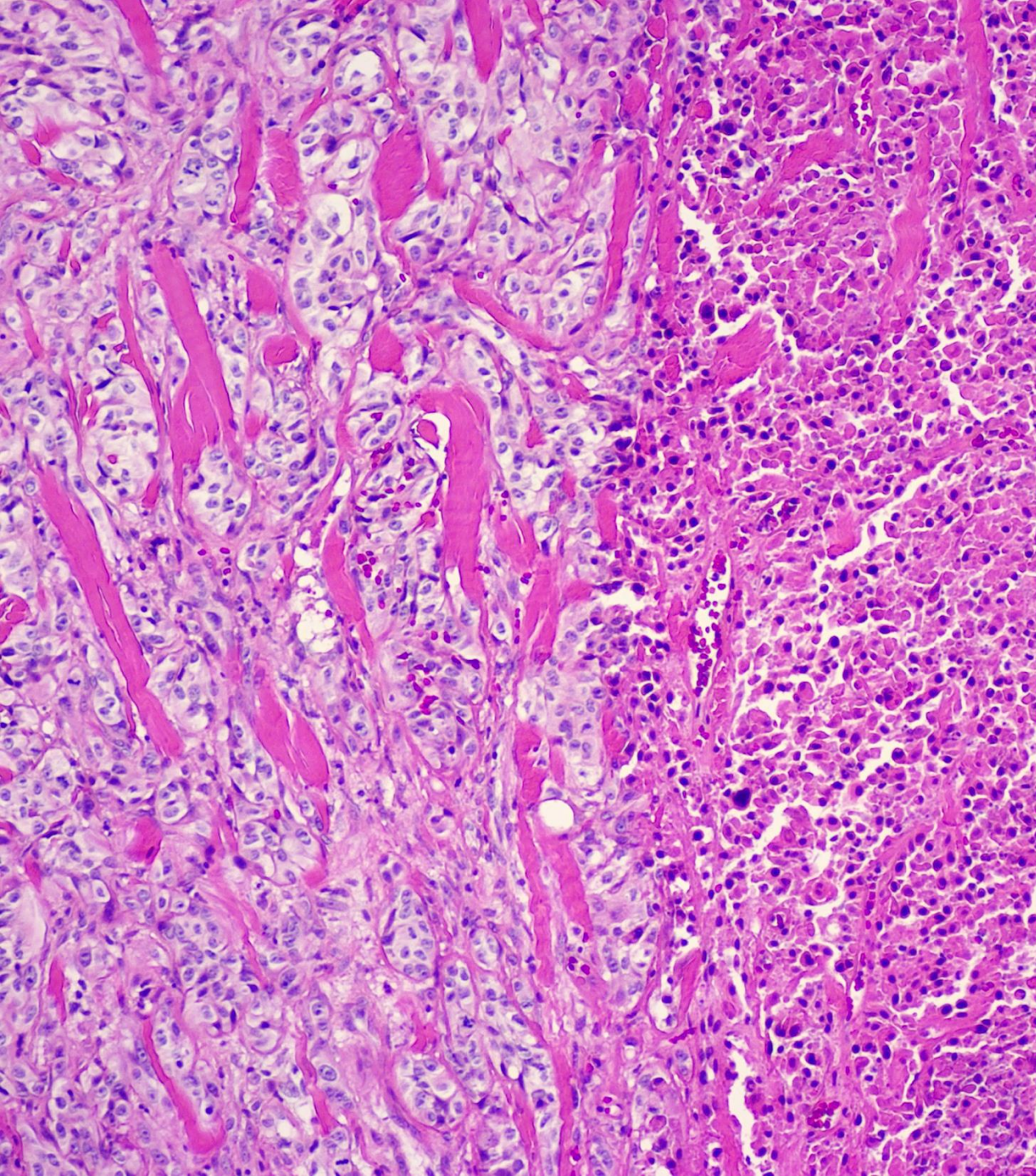


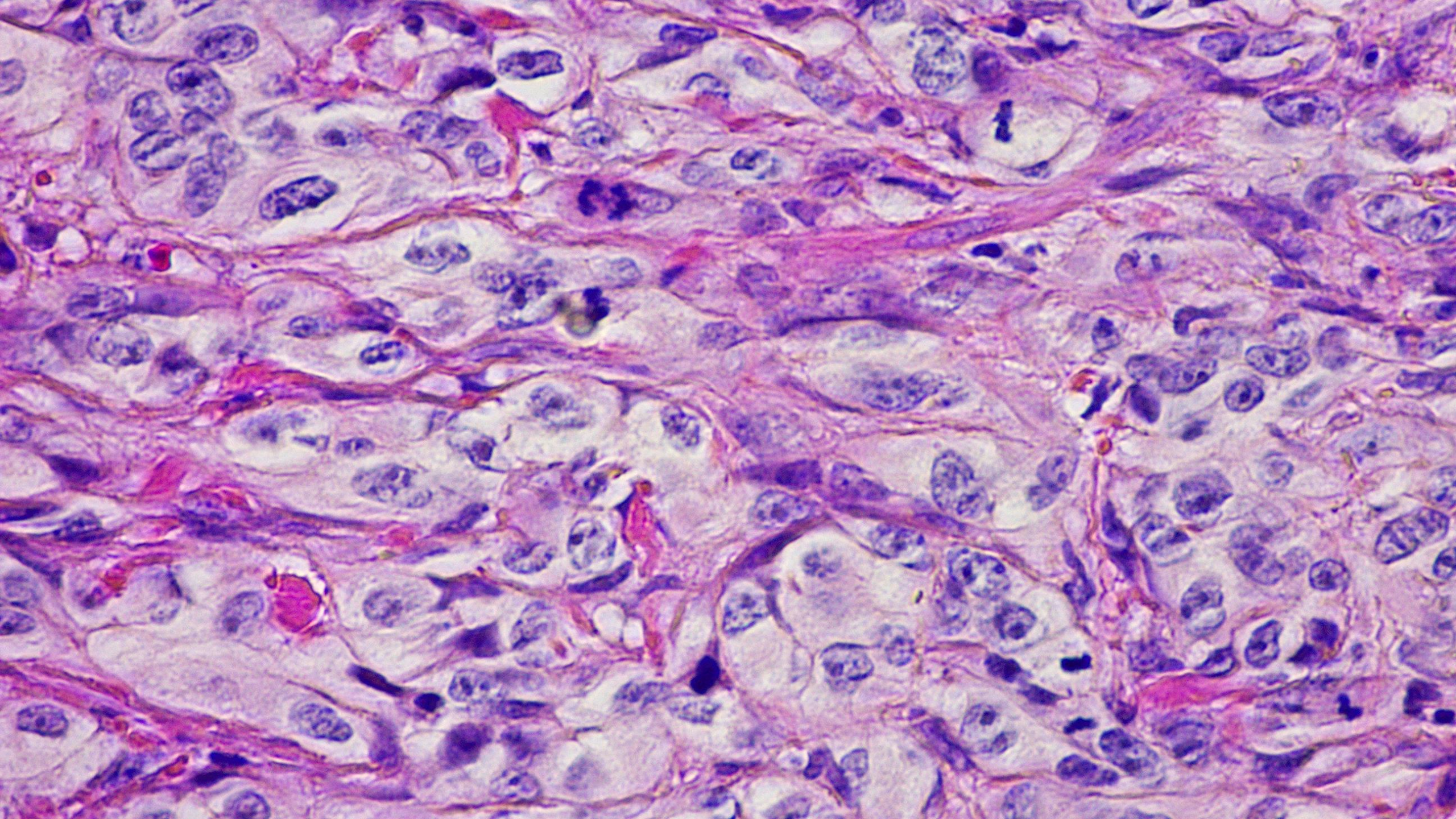
SOX-10

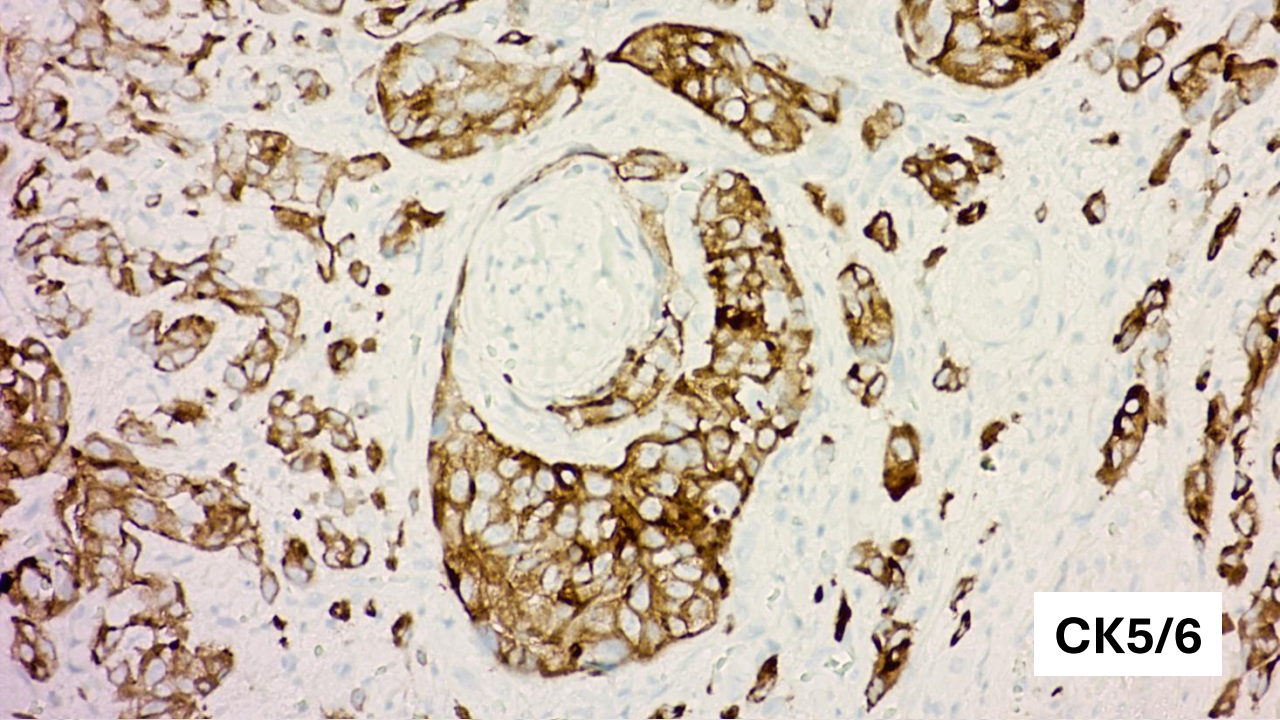


p63

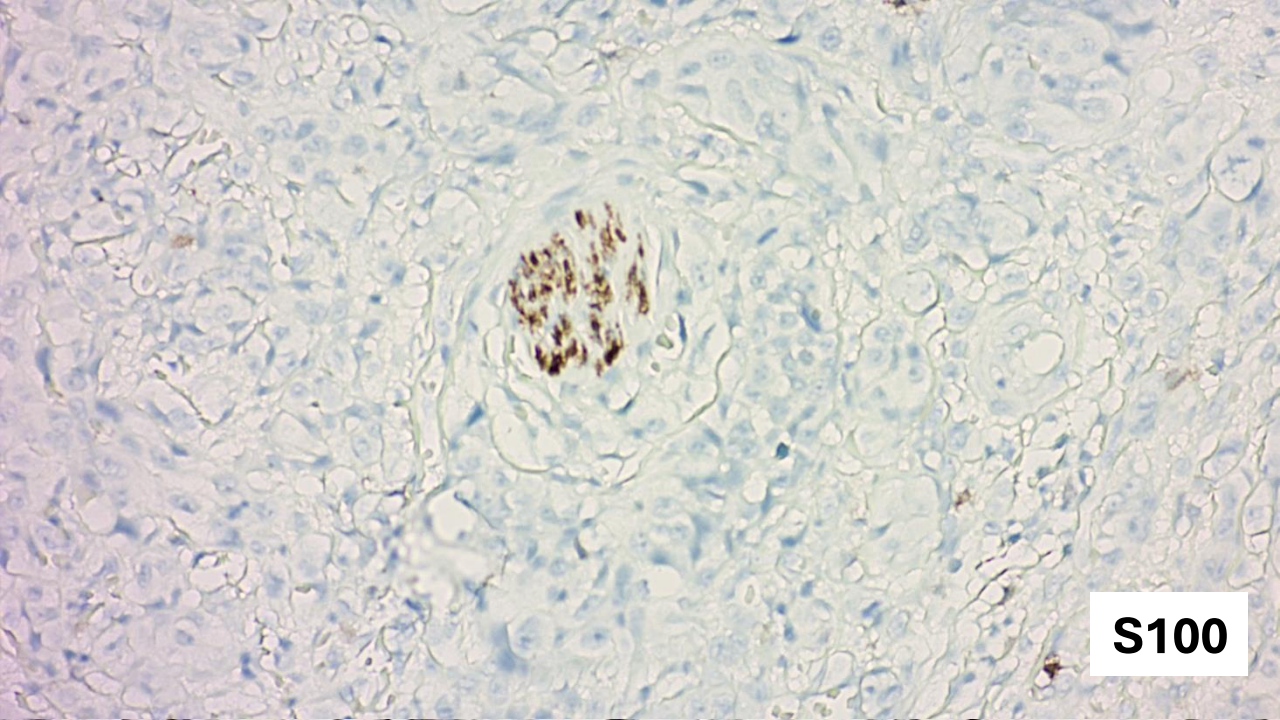




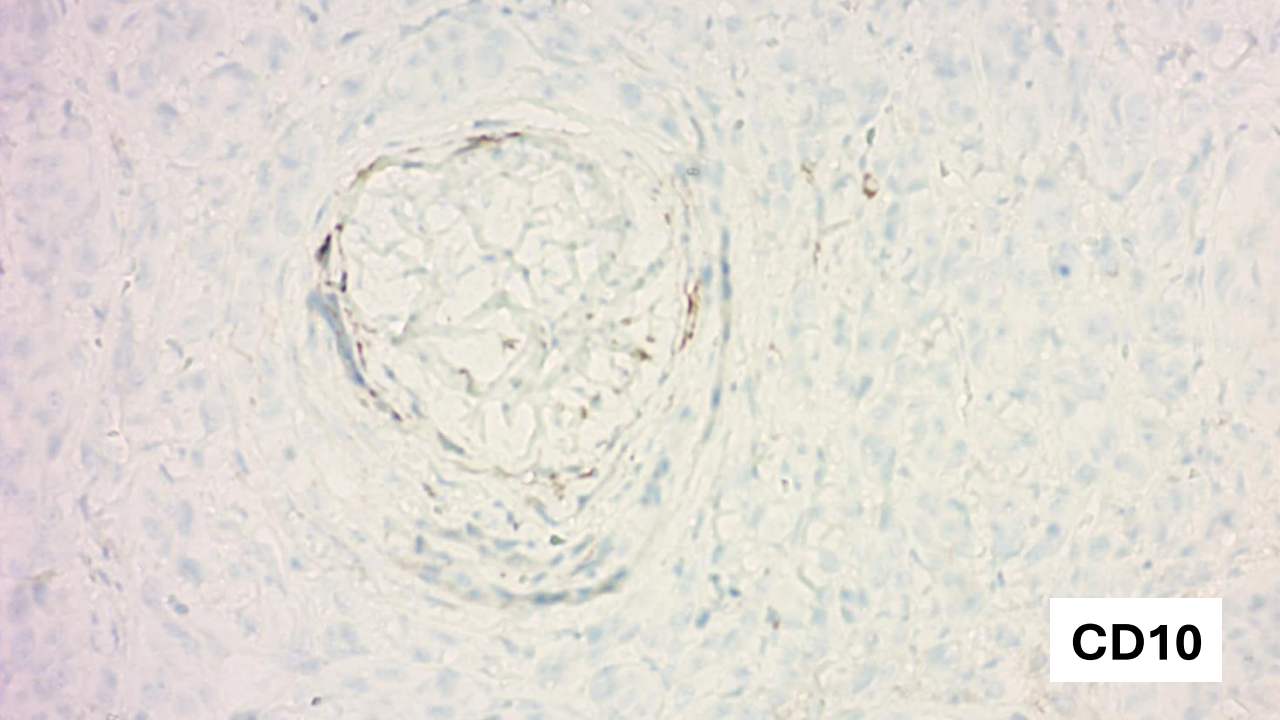




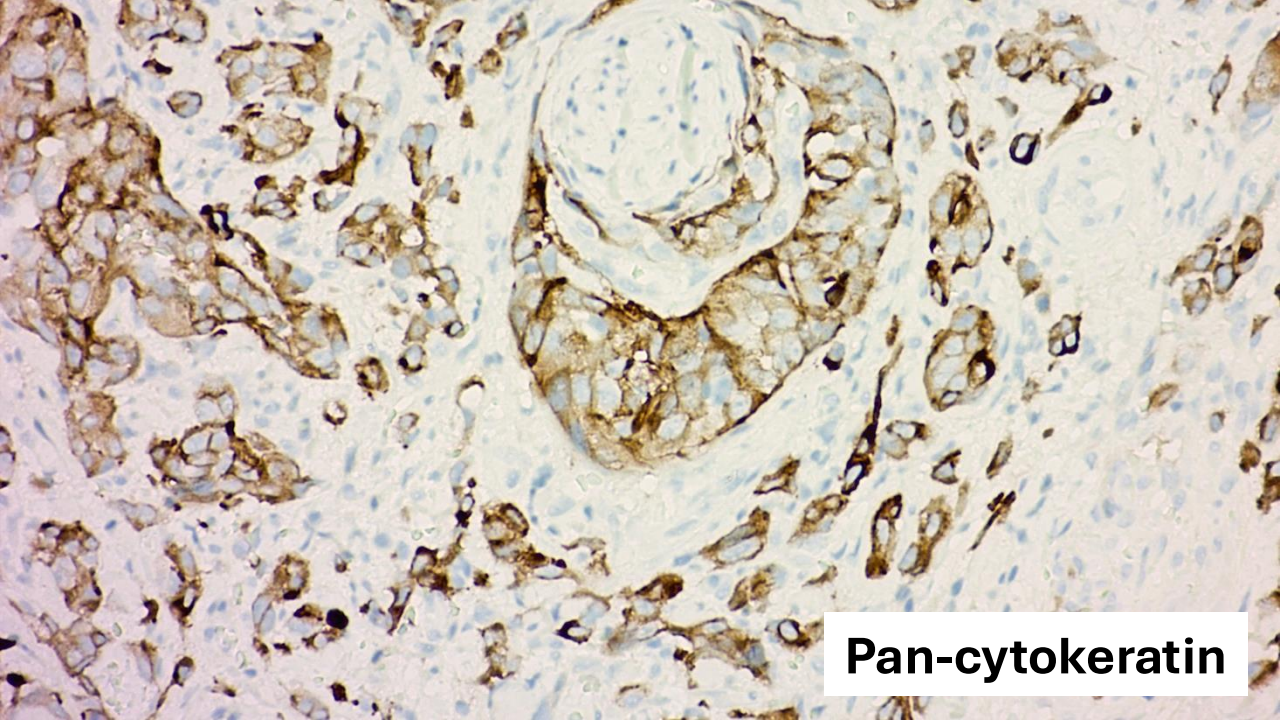
CK5/6



S100



CD10



Pan-cytokeratin

Case 100. 74M, Skin, Scalp; mass, prior h/o Mohs at this site; h/o renal transplant. What is your diagnosis?

A. Renal cell carcinoma, metastatic

B. Melanoma, metastatic

C. Spindle cell lipoma, fat-free variant

D. Recurrent/metastatic squamous cell carcinoma with perineural invasion

E. Clear cell sarcoma

Case 100. 74M, Skin, Scalp; mass, prior h/o Mohs at this site; h/o renal transplant. What is your diagnosis?

A. Renal cell carcinoma, metastatic

B. Melanoma, metastatic

C. Spindle cell lipoma, fat-free variant

D. Recurrent/metastatic squamous cell carcinoma with perineural invasion

E. Clear cell sarcoma

Case 101. What are the immunohistochemical results to confirm metastatic renal cell carcinoma to skin vs. squamous cell carcinoma?

A. PAX8+; CAIX-; CD10+; p40/p63-; CK5/6-

B. PAX8+; CAIX+; CD10+; p40/p63-; CK5/6-

C. PAX8-; CAIX-; CD10-; p40/p63+; CK5/6+

D. PAX8+; CAIX-; CD10+; S100-; MART1-

E. PAX8+; CAIX-; CD10+; S100+; MART1+

Case 101. What are the expected immunohistochemical results to confirm metastatic renal cell carcinoma to skin vs. squamous cell carcinoma?

A. PAX8+; CAIX-; CD10+; p40/p63-; CK5/6-

B. PAX8+; CAIX+; CD10+; p40/p63-; CK5/6-

C. PAX8-; CAIX-; CD10-; p40/p63+; CK5/6+

D. PAX8+; CAIX-; CD10+; S100-; MART1-

E. PAX8+; CAIX-; CD10+; S100+; MART1+