

ANTONI- α

Input: Full resolution Whole-Slide Image

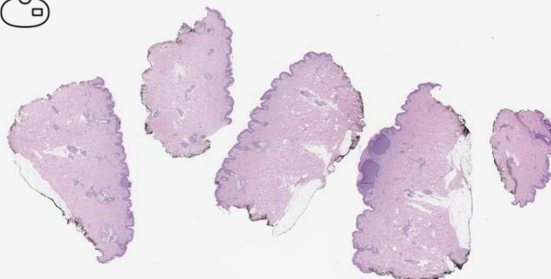
This appears to be **skin** tissue. I observe a proliferation of cells within the dermis, and they are arranged in a pattern that suggests a growth originating from the skin.

The tumor cells are relatively uniform in size and shape, and they exhibit some degree of atypia [...]. I also see evidence of cell division, indicated by the presence of mitoses. These cells are forming nests in the dermis.

The epidermis shows a normal histological structure. There's no evidence of significant disruption or abnormal changes in the epidermal layers.

The tumor appears to be confined to the dermis. I do not observe any evidence of invasion into deeper tissues.

Considering the cellular morphology, the arrangement of cells into nests, the presence of atypia and mitoses, and the lack of epidermal involvement, a likely diagnosis is **basal cell carcinoma**.



What is the tissue's identity?

Can you describe the tumor cells in more detail?

What about the overlying epidermis?

Do you see any evidence of how deep the tumor extends?

Based on what you've observed, what would be a likely diagnosis?

Reference Diagnosis:
Basal cell carcinoma

MedGemma

Input: Low resolution thumbnail

The tissue appears to be **skin** [...] The tissue shows [...] a relatively uniform color and texture [...] The image suggest the presence of both the epidermis [...] and dermis [...] of the skin [...] Therefore, based on the limited information, the tissue is most likely skin.

I am unable to provide a detailed description of the tumor [...] A pathologist would need to examine the tissue under a microscope and use specialized techniques to identify and characterize the tumor cells.

Here's what I can observe: Cellularity: [...] Cell Morphology [...] Stratification: [...] No Obvious Abnormalities: [...] In summary, the epidermis appears relatively normal [...] but a definitive diagnosis would require a microscopic examination by a pathologist.

To determine the depth of tumor extension, a pathologist would need to examine the tissue under a microscope [...] Without a microscopic examination, it's impossible to determine the depth of tumor extension.

Based on the limited information [...] a likely diagnosis would be **benign skin lesion**. Here's the reasoning: [...] There are no obvious signs of malignancy [...] There are many other benign skin conditions [...] with similar features. Therefore, a pathologist's examination is essential to determine the exact diagnosis.

