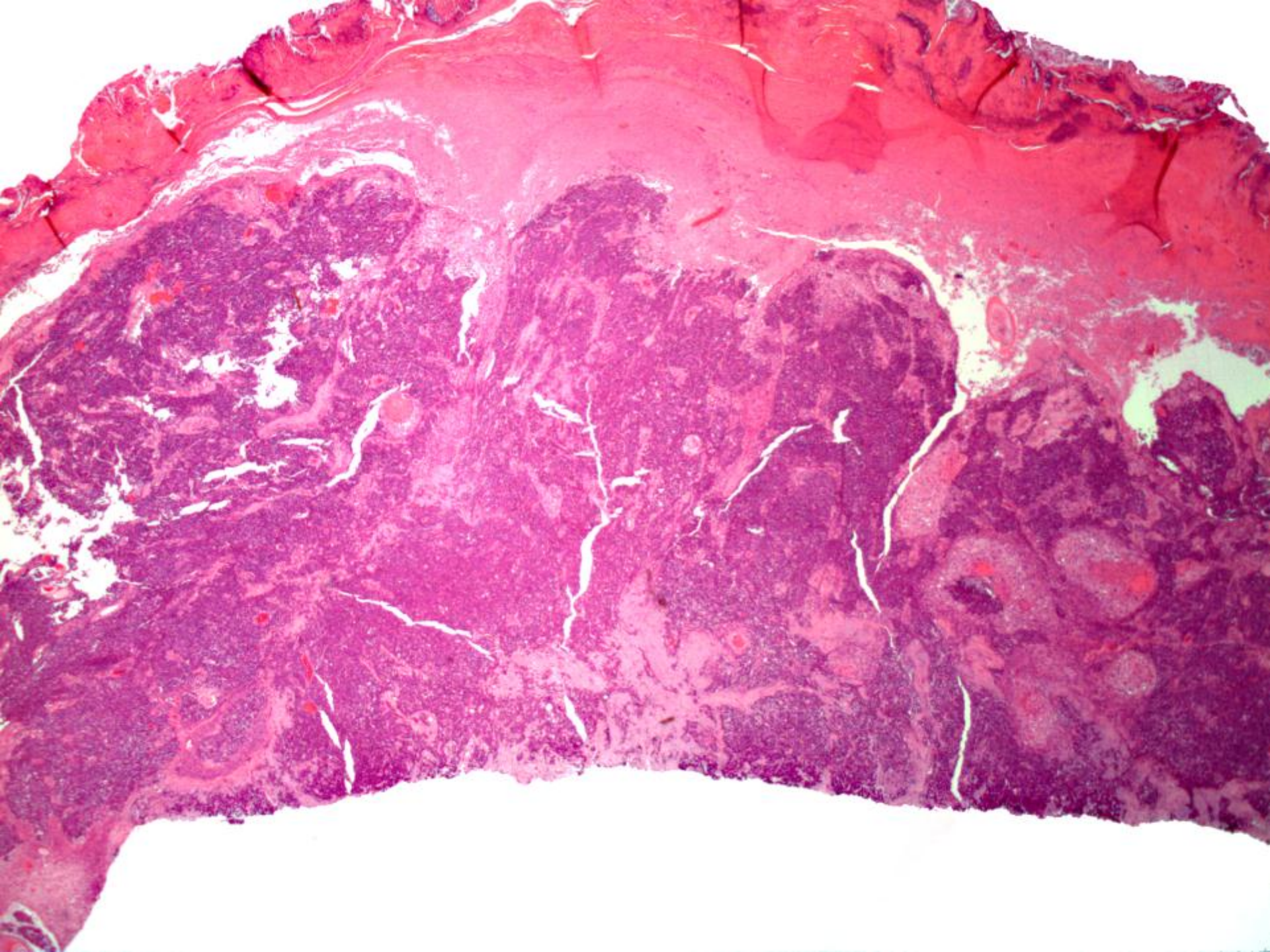
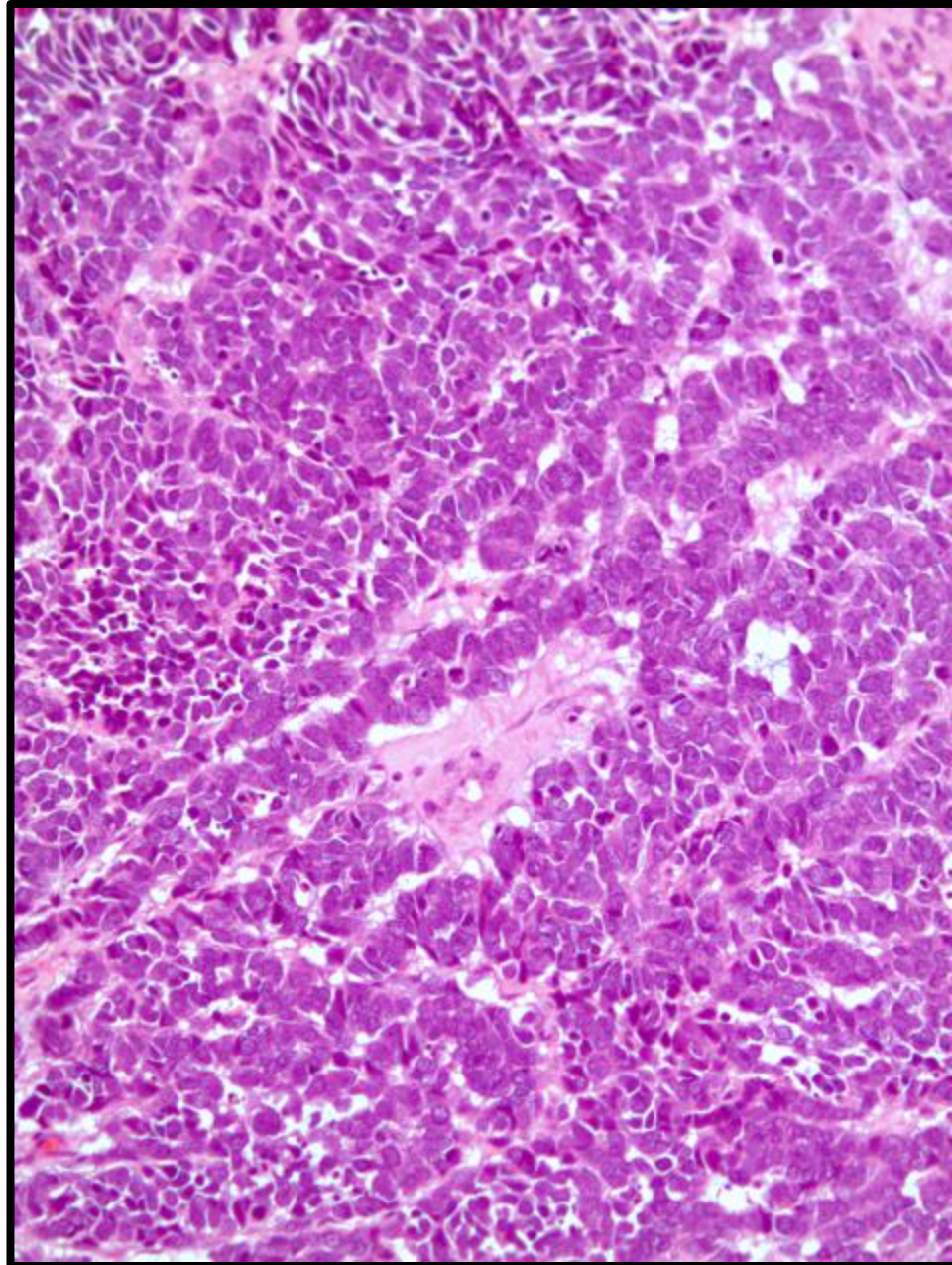
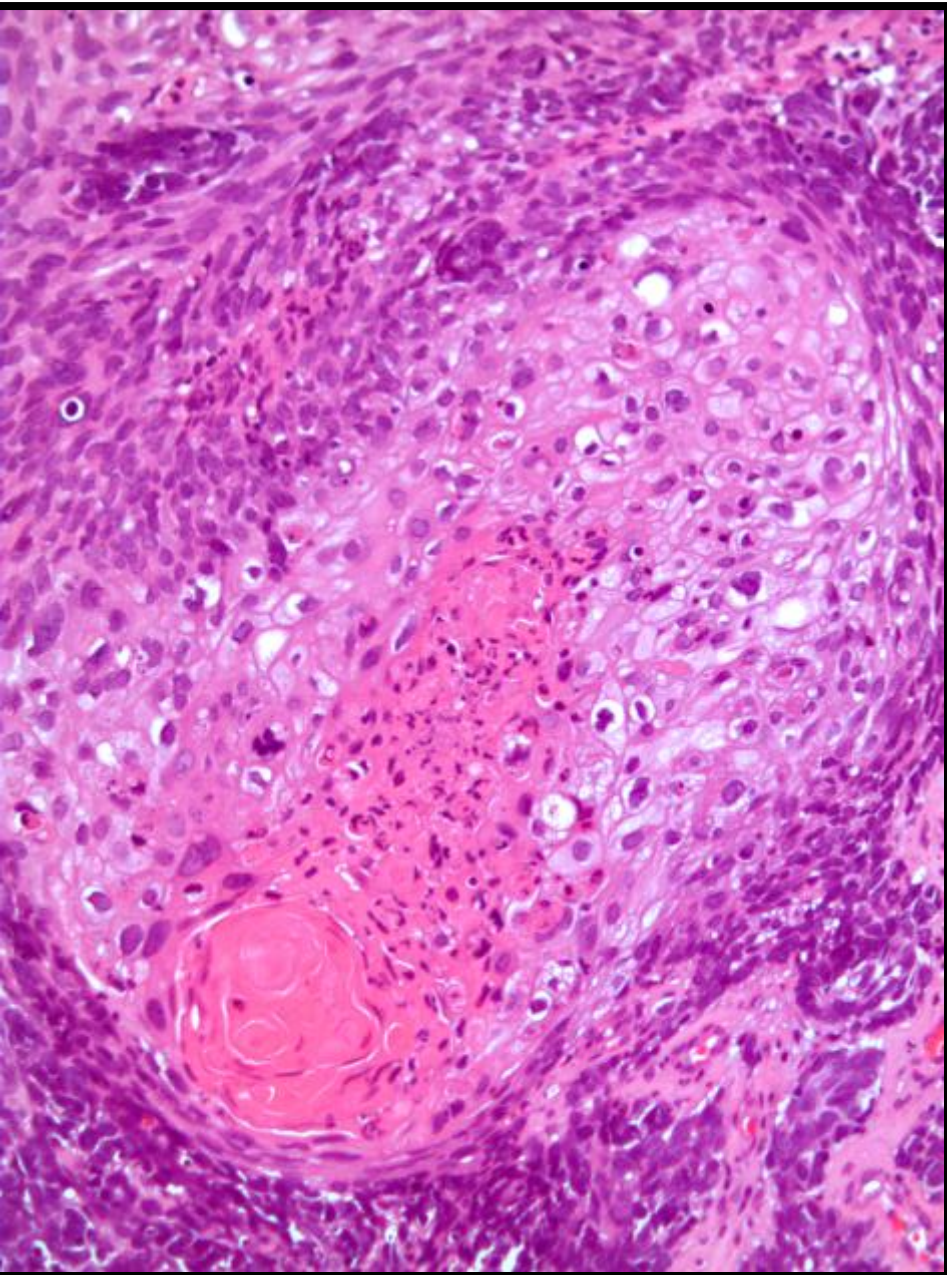


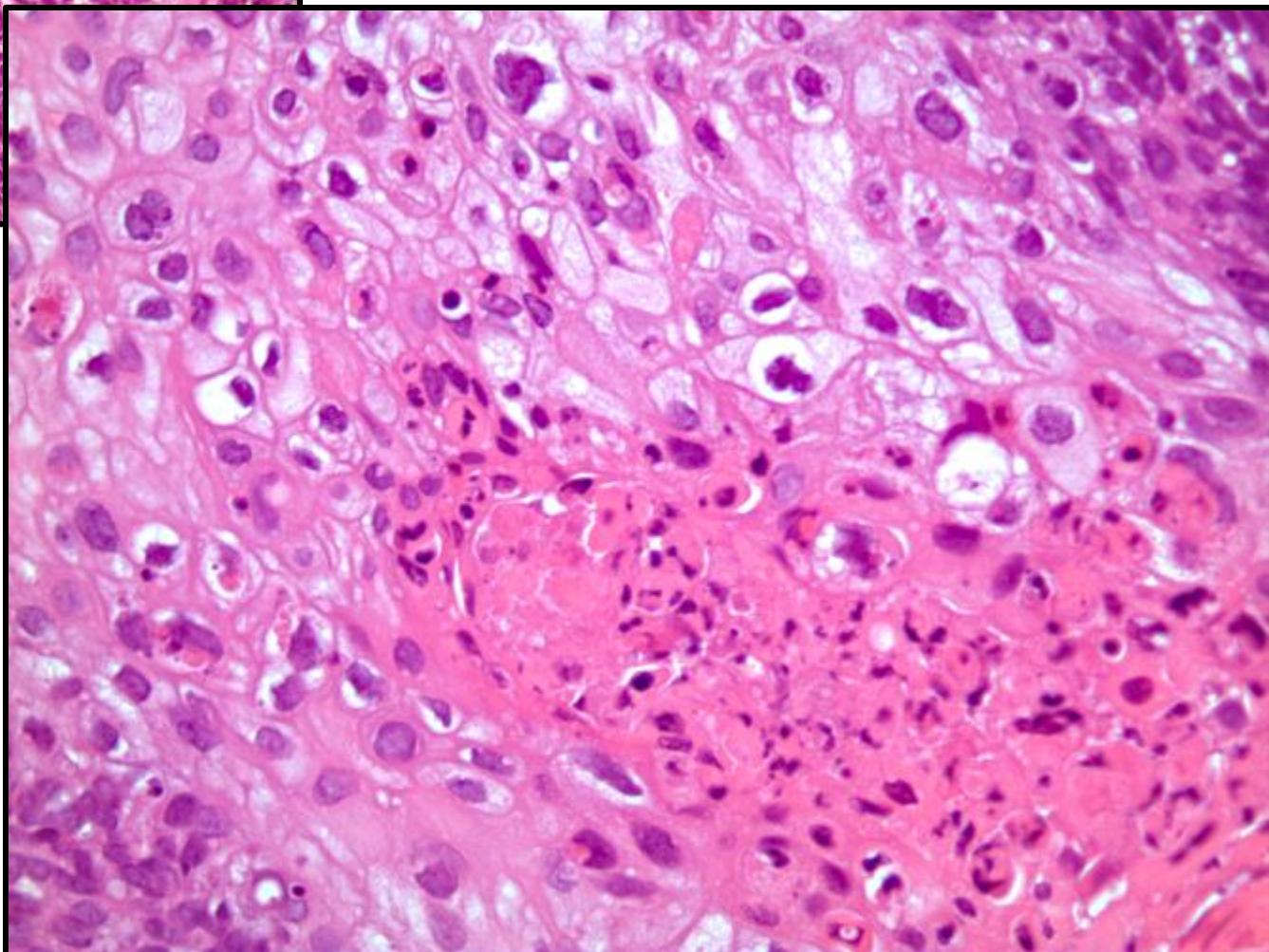
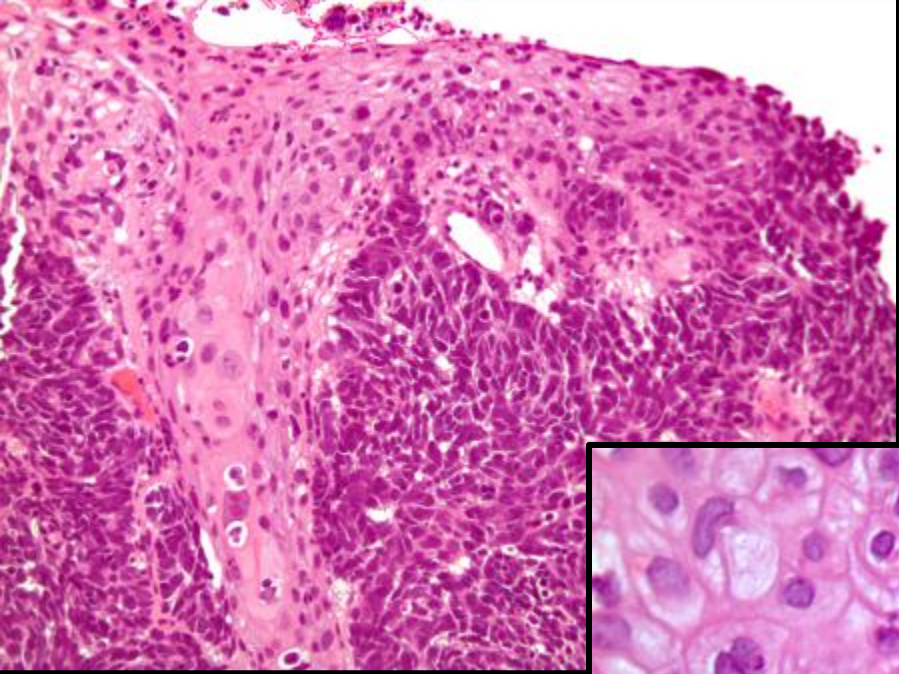
# Case V

# History

- A 71 year old gentleman presenting with reddish nodule with ulceration over forehead.
- Rule out Melanoma, SCC vs. Angiosarcoma?







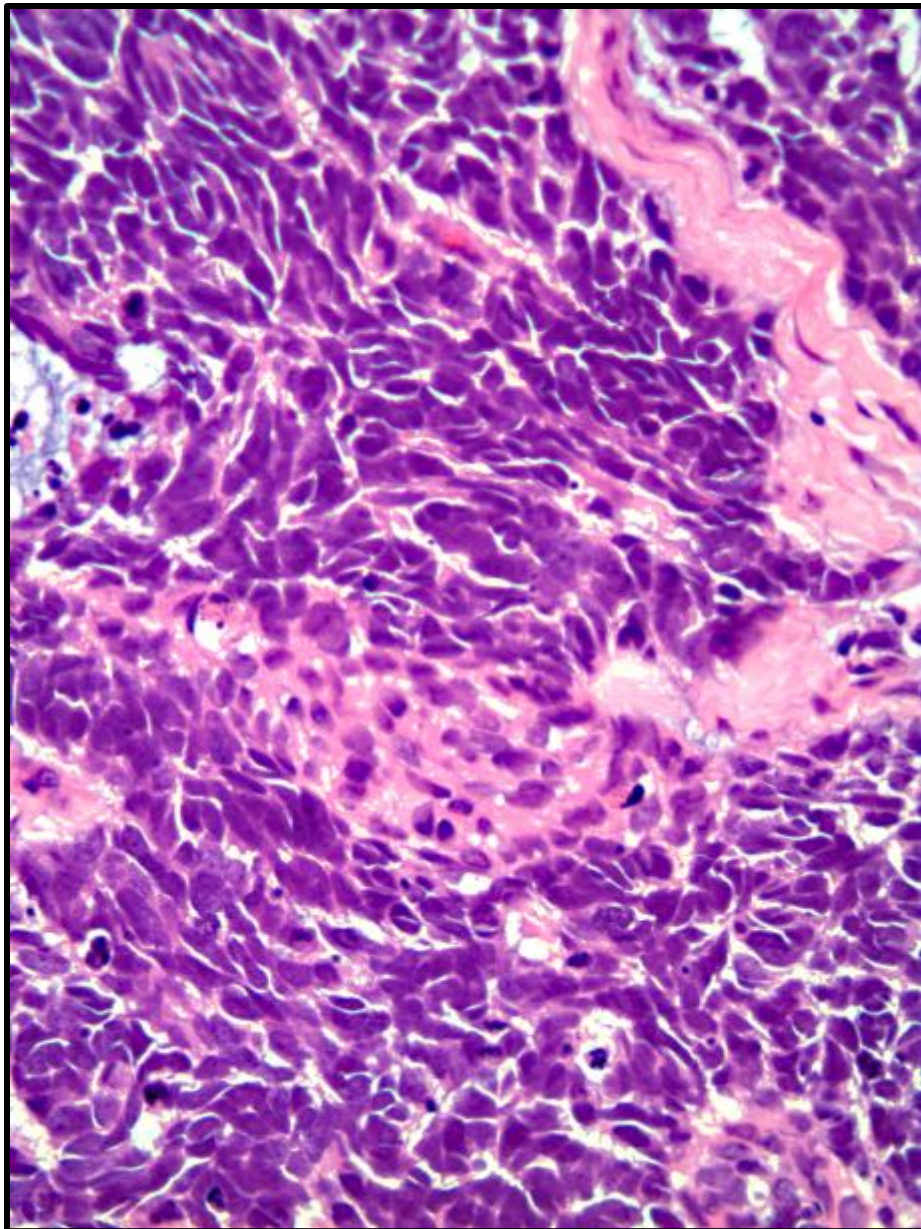
# What is your Diagnosis?

- A. Combined Merkel Cell Carcinoma/SCC.
- B. Small Cell Melanoma.
- C. Basaloid Squamous Cell Carcinoma.
- D. Merkel Cell Carcinoma
- E. Metastatic Small Cell carcinoma of the Lung.

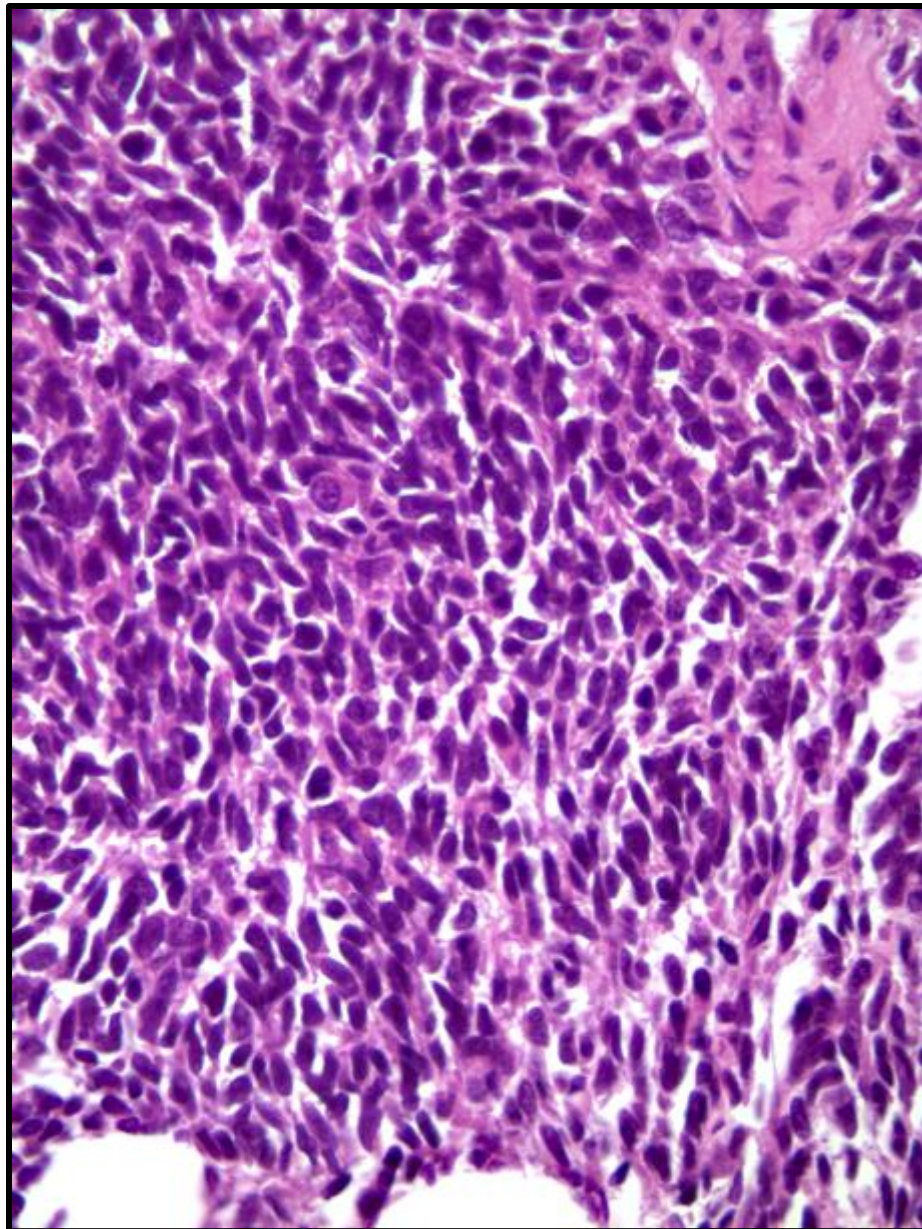
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**Merkel Carcinoma**



**Small Cell Melanoma**





# Merkel Cell Carcinoma

- UV solar exposure.
- Merkel cell polyomavirus (MCV or MCPyP):  
15-85% association.
- Head & Neck, Elderly, ♂ > ♀.
- 5-year survival: 30% - 64%.
- Epidermotropism is common.
- P63 positivity: Worse prognosis.
- Not associated with Paraneoplastic syndrome.

# Combined Tumors

- MCC co-occurring with non-MCC tumors: 5% -14% (SCC).
- More aggressive than pure MCC (26/20 patients): higher metastatic rate and lower survival.
- Missed (other than MCC) by clinical exam.
- Older & more in men.
- MCV: Negative.

*J Am Acad Dermatol. 2015 Dec;73(6):968-75.*

Which of the following is the **LEAST** accurate statement in describing this entity?

- A. This tumor arise on sun-exposed skin.
- B. It affects mainly Head and neck
- C. Distant metastasis in more than 1/3.
- D. This tumor may be induced by Polyomavirus.
- E. Paraneoplastic syndrome is commonly encountered in patient with such tumor.

Which of the following is the **LEAST** accurate statement in describing this entity?

- A. This tumor arise on sun-exposed skin.
- B. It affects mainly Head and neck
- C. Distant metastasis in more than 1/3.
- D. This tumor may be induced by Polyomavirus.
- E. Paraneoplastic syndrome is commonly encountered in patient with such tumor.

# Which of the following is the BEST IHC panel to confirm diagnosis?

- A. TTF-1 +, Chromogranin + & S100 -
- B. TTF-1 -, CK20 +, Chromogranin + & S100 -
- C. EMA-, CD45-, S100 -, & Melan-A +
- D. CK5/6 +, P63+, S100- & Melan-A -
- E. CD45+, CD34+ & ALK +.

# Which of the following is the BEST IHC panel to confirm diagnosis?

- A. TTF-1 +, Chromogranin + & S100 -
- B. TTF-1 -, CK20 +, Chromogranin + & S100 -
- C. EMA-, CD45-, S100 -, & Melan-A +
- D. CK5/6 +, P63+, S100- & Melan-A -
- E. CD45+, CD34+ & ALK +.