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## CME examination

Identification No. JA0719

July 2019 issue of the Journal of the American Academy of Dermatology.

Haley CT, Mui UN, Vangipuram R, Rady PL, Tyring SK. J Am Acad Dermatol 2019;81:1-21.

*Directions for questions 1-4:* Choose the single best response.

A 35-year-old man with epidermodysplasia verruciformis returns to the clinic for follow-up of an excised cutaneous squamous cell carcinoma (cSCC). This patient has been treated for numerous cSCCs and cutaneous warts in the past.

1. Which treatment modality should be avoided when treating this patient for cSCC?
  - a. Topical retinoids
  - b. Mohs micrographic surgery
  - c. Photodynamic therapy
  - d. Radiation therapy
  - e. Cidofovir
2. Which 2 human papillomavirus types are associated with the majority of cSCCs in patients with epidermodysplasia verruciformis?
  - a. 16 and 18
  - b. 5 and 8
  - c. 6 and 11
  - d. 13 and 32
  - e. 31 and 33

An 80-year-old white man who is a retired farmer presents to the office for his yearly skin examination. He has a 4-cm violaceous nodule on the posterior aspect of his neck. He states that it began as a tiny bump 7 weeks earlier and has “grown quickly but does not hurt.” The remainder of the physical examination is normal, and the subject has no lymphadenopathy. An incisional biopsy specimen of the lesion is obtained, and the histologic examination reveals Merkel cell carcinoma.

3. Immunohistochemistry staining for which protein would reveal a paranuclear pattern?
  - a. CK20
  - b. CK7
  - c. CD45
  - d. Thyroid transcription factor-1
  - e. Vimentin
4. Which of the following is an appropriate initial management strategy for this patient?
  - a. Initiate avelumab therapy
  - b. Mohs micrographic surgery and adjuvant chemotherapy
  - c. Cervical lymph node dissection
  - d. Sentinel lymph node biopsy, wide local excision, and radiation therapy
  - e. Enroll in a clinical trial