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## CME examination

Identification No. JD0219

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Yélamos O, Braun RP, Liopyris K, Wolner ZJ, Kerl K, Gerami P, Marghoob AA. *J Am Acad Dermatol* 2019;80:365-77.

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

A 47-year-old white woman with atypical mole syndrome presents for a skin cancer surveillance examination. The physical examination reveals that a brown 5-mm macule appears to have changed. On dermoscopy, the macule reveals a pigment network and a focal area with a negative network in the center.

1. What is the most likely diagnosis?
  - a. Spitz nevus
  - b. Dysplastic nevus
  - c. Nodular melanoma
  - d. Melanoma arising in a nevus
  - e. Traumatized nevus

An 87-year-old man with Fitzpatrick skin phototype II presents with multiple keratotic papules on his forehead. On clinical examination, one of these lesions reveals a few white circles on dermoscopy.

2. What is the most likely histologic diagnosis?
  - a. Morpheaform basal cell carcinoma
  - b. Grade I actinic keratosis
  - c. Nevus with balloon cell changes
  - d. Lentigo maligna
  - e. Well-differentiated squamous cell carcinoma

The same 87-year-old man mentioned above also has a 3-mm pink papule on his temple. On dermoscopy, the lesion shows shiny white blotches and strands, a blue ovoid nest, and an arborizing vessel.

3. What is the most likely diagnosis and best treatment option for this lesion?
  - a. Superficial basal cell carcinoma treated with imiquimod
  - b. Superficial basal cell carcinoma treated with photodynamic therapy
  - c. Superficial basal cell carcinoma treated with surgery
  - d. Nodular basal cell carcinoma treated with surgery
  - e. Morpheaform basal cell carcinoma treated with surgery

A 52-year-old white man presents with a bleeding pigmented lesion on his lower back. Dermoscopically, the lesion shows a blue-white veil over a raised area, shiny white streaks, an area with scar-like depigmentation and peppering, a milky red area, and polymorphous vessels.

4. Which dermoscopic feature does not correlate with dermal invasion in melanoma?
  - a. Blue-white veil
  - b. Shiny white streaks
  - c. Scar-like depigmentation and peppering
  - d. Milky red area
  - e. Polymorphous vessels