Lentigines, Nevi, and Melanoma
(Weedon Chapter 32)

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Multiple lentigines have been associated with the following traits except:

A. Pulmonary stenosis
B. Aortic stenosis
C. Atrial myxoma
D. Nerve deafness
E. Gonadal hypoplasia
Answer B
Characteristics of Melanocytic nevi include all except:

A. Progressive decrease in number of nevi after 50 years
B. About 2% of clinically benign nevi will render a malignant diagnosis if biopsied
C. A clinical halo is always accompanied with an inflammatory cell infiltrate
D. Recurrent nevi have greater expression of junctional melanocytes for HMB45 than the original nevus
E. Conjunctival nevi may exhibit worrisome architectural changes
Answer C

- Rarely, clinical halo nevi may not have an inflammatory cell infiltrate.
Characteristics of Spitz nevi include all except:

A. High recurrence rate after incomplete excision
B. Pigmented lesions in 70% of cases
C. Agminate or disseminated cases
D. Majority are compound nevi
E. More common in African-American children
Answer E

- Spitz nevi are uncommon in African-American children.
Characteristics of Kamino bodies include all except:

A. Frequent in recurrent Spitz nevi
B. Trichrome positive
C. PAS positive
D. Type IV collagen positive
E. No keratin found
Answer A
True associations with malignant melanoma include all of the following except:

A. Contiguous nevus in 1/3 of cases
B. Level II melanomas are always in the vertical invasive growth phase
C. Desmoplastic melanomas may be Melan-A negative
D. Nodular melanomas have no radial growth phase
E. Satellite lesions represent an in-transit skin metastasis
Answer B

- Level II melanomas may be either in a radial growth phase or invasive vertical growth phase.