

Disorders of Pigmentation (Weedon Chapter 10)

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Histopathologic correlates of hypopigmentation include all except:

- A. Melanophages
- B. Stratum corneum pigment incontinence
- C. Loss of melanocytes
- D. Abnormal melanosomes
- E. Reduced tyrosinase activity

Answer B

- Stratum corneum pigment incontinence is usually associated with hyperpigmentation

Hypopigmentary diseases associated with reduced melanization and/or reduced melanosomes include all except:

- A. Elejalde syndrome
- B. Piebaldism
- C. Griscelli Syndrome
- D. Hypomelanosis of Ito
- E. Tinea versicolor

Answer B

- Piebaldism is associated with abnormal migration or differentiation of melanoblasts

Comparison

Trait	Chediak-Higashi Syndrome	Griscelli Syndrome	Elejalde Syndrome
Silvery Hair			
Abnormal leukocytic granules			
Giant melanosomes			

Answers

Trait	Chediak-Higashi Syndrome	Griscelli Syndrome	Elejalde Syndrome
Silvery Hair	+	+	+
Abnormal leukocytic granules	+		
Giant melanosomes	+		

Comparison

Trait	Ephelis	Café-Au-Lait Spots	Notalgia Paresthetica
Normal number of melanocytes			
Normal epidermis			
Giant melanin granules			

Answers

Trait	Ephelis	Café-Au-Lait Spots	Notalgia Paresthetica
Normal number of melanocytes	+	+	+
Normal epidermis	+	+	
Giant melanin granules		+	