

# The Histiocytoses

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# Which disease may be associated with hematologic disorders?

- A. Diffuse normolipemic plane xanthoma
- B. Necrobiotic xanthogranuloma
- C. Verruciform xanthoma
- D. Xanthelasma
- E. Juvenile Xanthogranuloma

May have more than one answer

- A. Diffuse normolipemic plane xanthoma
- B. Necrobiotic xanthogranuloma
- E. Juvenile Xanthogranuloma

# Immunohistochemical markers of Langerhans cells include:

- A. CD1a
- B. CD4
- C. CD10
- D. CD35
- E. CD68

More than one answer may apply

**A-CD1a**

# Variants of Langerhans cell disease include:

- A. Hashimoto-Pritzker disease
- B. Letterer-Siwe disease
- C. Congenital self-healing reticulohistiocytosis
- D. Indeterminate cell histiocytosis
- E. Progressive nodular histiocytosis

More than one answer may apply

- A. Hashimoto-Pritzker disease
- B. Letterer-Siwe disease
- C. Congenital self-healing reticulohistiocytosis

# Incorrect associations include:

- A. Tendon xanthomas-Elevated HDL
- B. Necrobiotic xanthogranuloma-Paraneoplastic syndrome
- C. Verruciform xanthoma-HPV
- D. Diffuse normolipemic plane xanthoma-Castleman's disease

May have more than one answer



- A. Tendon xanthomas-Elevated HDL
- C. Verruciform xanthoma-HPV

# Associations with verruciform xanthoma include all except:

- A. Limb defects
- B. AIDS
- C. HSV
- D. Trauma
- E. Carcinoma in situ

More than one answer may apply

**A. Limb defects**

**B. AIDS**

**D. Trauma**

**E. Carcinoma in situ**

# Multicentric reticulohistiocytosis correct associations include:

- A. Histology similar to JXG
- B. CD1a positivity
- C. Destructive arthritis
- D. Nail fold changes
- E. Hyperlipidemia

More than one answer may apply

- A. Histology similar to JXG
- C. Destructive arthritis
- D. Nail fold changes
- E. Hyperlipidemia