

Viral Infections of the Skin

Board Questions

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Diseases associated with Epstein-Barr Virus include all of the following except:

- A. Post-transplant lymphoproliferative disorder
- B. Oral hairy leukoplakia
- C. Subacute Panniculitis T-cell lymphoma
- D. Hodgkin's disease
- E. Lymphomatoid granulomatosis

Answer C
**Subacute Panniculitis T-cell
lymphoma**

Which disease association is incorrect?

- A. Orf-RNA virus
- B. Epidermodysplasia verruciformis-HPV 10
- C. Verruca plana-HPV 10
- D. Heck's disease-Epstein Barr-virus

May have more than one answer

A and D
Orf-DNA Parapox virus
Heck's disease-HPV 13 and 32

Correct associations with HHV-6 include:

- A. Kaposi's sarcoma
- B. Exanthem subitum
- C. Gianotti-Crosti syndrome
- D. Pityriasis rosea
- E. Oral hairy leukoplakia

May have more than one answer

Answer: B, C, D

Exanthem subitum
Gianotti-Crosti syndrome
Pityriasis rosea

Disease associations with HHV-8 include:

- A. Castleman's disease
- B. Adult T-cell leukemia-lymphoma
- C. Primary body effusion lymphoma
- D. Primary angiotropic lymphoma
- E. Kaposi's sarcoma

May have more than one answer

Answer: A, C, and E

Castleman's disease

Primary body effusion lymphoma

Kaposi's sarcoma

Correct Associations with Parvovirus

B19 include:

- A. Interstitial histiocytic dermatitis
- B. Subacute spongiotic dermatitis
- C. Small vessel vasculopathy
- D. Leukocytoclastic vasculitis
- E. Panniculitis

May have more than one answer

Answer: A, B, C

Interstitial histiocytic dermatitis

Subacute spongiotic dermatitis

Small vessel vasculopathy

Gianotti-Crosti syndrome is associated with which viruses?

- A. Hepatitis A
- B. Hepatitis B
- C. Hepatitis C
- D. Parapox virus
- E. Parvovirus B19

May have more than one answer

Answer: B and E
Hepatitis B
Parvovirus B19

Give the location and name of the viral cytopathic changes:

Virus	Cytoplasm	Intranuclear	Name
Molluscum contagiosum			
Smallpox			
Parapox			
HPV			
CMV			
Herpes simplex			

Answers

Virus	Cytoplasm	Intranuclear	Name
Molluscum contagiosum	+		Molluscum bodies
Smallpox	+	+/-	Guarnieri bodies
Parapox	+		-
HPV		+	Koilocytes
CMV	+	+	-
Herpes simplex	-	+	Cowdry Type A