

Reactions to Physical Agents

(Weedon Chapter 21)

Dermatopathology Institute

Paul K. Shitabata, M.D.

Match the following:

Disease	Histopathology
Friction blister	Intraepidermal blister
Suction blister	Intracorneal hemorrhage
Calcaneal petechiae	Subepidermal blister

Answers

Disease	Histopathology
Friction blister	Intraepidermal blister
Suction blister	Subepidermal blister
Calcaneal petechiae	Intracorneal hemorrhage

Hydroa vacciniforme correct associations include all except:

- A. Coexistence with malignant lymphoma
- B. Florid eruption with Epstein-Barr virus infection
- C. Leukocytoclastic vasculitis
- D. DIF showing scattered granular C₃ at DEJ
- E. Panniculitis

Answer C

Although a thrombosis may occur, a true leukocytoclastic vasculitis has not been reported.

Actinic Reticuloid vs. Mycosis Fungoides

Histopathology	AR	MF
Intraepithelial CD4 cells		
Minimal spongiosis		
Clonal T cells		
May occur on non-sun exposed areas		

Actinic Reticuloid vs. Mycosis Fungoides

Histopathology	AR	MF
Intraepithelial CD4 cells		+
Minimal spongiosis	+	+
Clonal T cells		+
May occur on non-sun exposed areas	+	+