

Panniculitis

(Weedon Chapter 17)

Paul K. Shitabata, M.D.

Dermatopathology Institute

Associations with Erythema nodosum include all except:

- A. Ultrastructural damage to endothelial cells
- B. Histopathologic similarity to Behcet's disease
- C. Recurrent variant
- D. Large vessel vasculitis
- E. Radial granulomas

Answer D

Erythema nodosum may have a transient vasculitis, usually of the lymphocytic type, but a true large vessel vasculitis is absent.

Predominately Lobular or Septal Panniculitis

Disease	Lobular	Septal
Nodular vasculitis		
Lupus profundus		
Factitial panniculitis		
Pancreatic panniculitis	10	
Alpha-1 antitrypsin disease		

Answers

Disease	Lobular	Septal
Nodular vasculitis		+
Lupus profundus	+	
Factitial panniculitis	+	+
Pancreatic panniculitis	+	
Alpha-1 antitrypsin disease	+	

Erythema induratum vs Polyarteritis Nodosa

Histopathology	E. Induratum	PAN
Predominately septal panniculitis		
Vasculitis		
Granulomas		
Contiguous lobules		

Answers

Histopathology	E. Induratum	PAN
Predominately septal panniculitis	+	+
Vasculitis	+	+
Granulomas	+	-
Contiguous lobules	+	-

Sclerema Neonatorum vs. Subcutaneous Fat Necrosis of the Newborn

Histopathology	SN	SFNN
Multinucleated giant cells		
Needle-like fat crystals		
Vasculitis		
Predominately septal panniculitis		
Chronic inflammation		

Sclerema Neonatorum vs. Subcutaneous Fat Necrosis of the Newborn

Histopathology	SN	SFNN
Multinucleated giant cells	+	+
Needle-like fat crystals	+	+
Vasculitis	-	-
Predominately septal panniculitis	-	-
Chronic inflammation	-	+