Granulomatous Reaction
Patterns
(Weedon Chapter 7)
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Sarcoidal-type granulomas are observed in all of the following except:

A. Sezary syndrome
B. Lupus erythematosus
C. Lupus vulgaris
D. Herpes-zoster scars
E. Common variable immunodeficiency
Answer B

- Lupus erythematosus
Histopathologic reactions associated with sarcoidosis include all except:

A. IgA deposits at the dermo-epidermal junction
B. T-suppressor lymphocytes surrounding T-helper lymphocytes within the granuloma
C. Asteroid bodies
D. Epidermal hyperplasia
E. Fibrinoid necrosis
Answer A

- IgM deposits have been noted at the dermo-epidermal junction, within blood vessels, and IgG within and around the granulomas
Histopathologic associations with granuloma annulare include all except:

A. IgM and C3 deposits in blood vessels
B. Sarcoidal granulomas
C. Necrobiosis
D. Dermal mucinosis
E. Excess of T-suppressor/cytotoxic cells in the granulomatous infiltrate
Answer E

There is an excess of T helper/inducer phenotype with CD1a positive dendritic cells.
Histopathologic associations of necrobiosis lipoidica include all except:

A. Glut-1 in areas of sclerotic collagen
B. Positive stain for Sudan Black B
C. Leukocytoclastic vasculitis
D. IgM and C3 in the vessel walls
E. Decreased S100 positive nerves in plaques
Answer C

A lymphocytic vasculitis or endothelial swelling may be seen but a true leukocytoclastic vasculitis is uncommon.
Interstitial granulomatous dermatitis has been reported in all except:

A. Rheumatoid arthritis
B. Mycosis fungoides
C. Beta-blockers
D. Ochronosis
E. Granuloma annulare
Answer E

Ochronosis classically is associated with granulomas with phagocytosis of the ochronotic fibers.