

Protozoan Diseases and Parasitic Infections Board Questions

Paul K. Shitabata, M.D.

Dermatopathologist

Pathology Inc./Harbor-UCLA Dermatology

Histopathologic tissue reactions associated with onchocerciasis include:

1. Scar
2. None
3. Foreign body giant cell reaction
4. Pigment incontinence

K type

E-A11

Characteristic tissue reactions for acanthamoeba include:

1. Lobular panniculitis
2. Dermal abscess
3. Leukocytoclastic vasculitis
4. Non-caseating granulomas

K-type

Answer-A

Lobular panniculitis

Dermal abscess

Leukocytoclastic vasculitis

Cutaneous larval migrans organisms are found in a skin biopsy:

1. Clinical site of the larval tract
2. Epidermis
3. Hair follicle
4. Dermis

K-type

D-Dermis

Entamoeba histolytica cysts are characteristically:

1. PAS positive
2. GMS positive
3. Mistaken for histiocytes
4. May be exclusively localized to the epidermis

K type

Answer B:
PAS positive
Mistaken for histiocytes

Histopathologic tissue reactions associated with Schistosomiasis include:

1. Calcifications
2. Granulomas
3. Transepidermal elimination (perforation)
4. Epidermal involvement only

Answer A:
Calcifications
Granulomas
Transepidermal elimination
(perforation)