Microscopic appearance of yeasts

Molds: hyphal structure

Tinea corporis (ringworm) in HIV infection

Tinea pedis (athletes’ foot)
Tinea barbis

Tinea unguium

Tinea unguium in HIV infection

Tinea capitis

Tinea capitis under Woods’ lamp (UV light)

Tinea versicolor
Tinea versicolor

Sporotrichosis

Disseminated sporotrichosis in AIDS

Histoplasma capsulatum in mold and yeast forms

Asymptomatic pulmonary calcifications caused by histoplasmosis

Chronic pulmonary histoplasmosis
H. Capsulatum in lung tissue

H. Capsulatum in leukocyte

C. immitis: spherules and Endospores

C. immitis in brain tissue

B. Dermatidiscus yeasts

Cutaneous lesions of disseminated blastomycosis
Bone lesions in disseminated blastomycosis

Extensive tissue necrosis in disseminated Blastomycosis

Cryptococcus neoformans: mucicarmine stain highlighting the capsule

India ink preparation of cerebrospinal fluid showing Cryptococcus

Cryptococcus neoformans in brain tissue (silver stain)

Candida albicans (Gram stain)
Candida albicans pseudohypha

Candida skin infection

Candida vaginitis

Oral thrush (candida pharyngitis) in HIV infection

Embolic skin lesion in candida endocarditis

Retinal emboli in candida endocarditis
Aspergillus fumigatus

Tomogram of aspergilloma

Cerebral infarction caused by disseminated aspergillosis

Aspergillus in brain tissue

Rhizopus species (order Mucorales)

Mucor invading sinus tissue
Mucor sinusitis, orbital cellulitis, and brain abscess in diabetes.