Spot Diagnosis in Infectious Diseases

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Background: Infectious diseases may be diagnosed by recognizing some clinical signs, which can be pathognomonic or suggestive. These clinical signs include skin lesions and imaging. Typical skin and mucosal lesions consist of herpes zoster, eschar, embolic phenomenon, oral lesions, and some rashes in systemic infections of parasitic infestations. Imaging of pulmonary fungal infections or parasitic infestations of brain or liver could be suggestive of etiologic agents.

Process: Pictures of typical clinical manifestations of several infectious diseases will be presented in an interactive way. In addition, images of microorganisms of common infectious diseases are also included in the presentation.

Intended outcome: After presentation, participants will be able to 1) give a provisional diagnosis of common infectious diseases and its etiologic agents by recognizing the clinical manifestations including skin lesions and/ or imaging, 2) have differential diagnosis of some infectious diseases with clinical similarity, and 3) recognize and identify common etiologic agents using routine staining.

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