

MHD II, Small Group Session VII
Correlative Lecture Objectives:

MHD

Identify the important structures of yeasts and molds.

Describe the types of stains used to identify fungi in primary specimens.

List the risk factors for acquiring fungal infections.

Describe the type of infections caused by *Candida albicans*, *Candida glabrata*, *Aspergillus*, *Zygomycetes*, and *Dermatophytes*.

Describe the key morphologic characteristics used to identify *Candida albicans*, *Candida glabrata*, *Aspergillus*, *Zygomycetes*, and *Dermatophytes*.

Describe the clinical manifestations of cryptococcal infections and what tests are helpful to diagnose them.

Name the dimorphic fungi and the types of infections they cause.

Describe the unique structural characteristics of *Histoplasma*, *Blastomyces*, *Coccidioides*, *Penicillium marneffei* and *Sporothrix*

Name the Endemic locations where *Histoplasma capsulatum*, *Blastomyces dermatitidis*, *Coccidioides immitis* and *Penicillium marneffei* are found.

Pharmacology and Therapeutics

Understand the main classes and modes of action of the most commonly used antimycotic agents.

Recognize the main clinical indications for their use.

Recognize the most common side effects of these agents.

Correlative topics in First Aid for USMLE I 2011

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