

Update in Coccidioidomycosis

Activity Description

The field of infectious diseases is constantly changing posing challenges for front-line healthcare providers in the clinic and hospital settings. Coccidioidomycosis is an infection caused by the fungus *Coccidioides*, endemic to the southwest and selected areas of western USA. This course will provide up to date, concise and evidence-based presentations to keep you on top of the coccidioidomycosis challenges you face daily in practice. The course will feature lectures, case presentations and interactive discussions to enhance providers' knowledge to recognize, diagnose, and treat typical manifestations of coccidioidomycosis they will commonly see in practice.

Target Audience

This activity is appropriate for Primary Health Care Physicians, Nurse Practitioners, and Physician Assistants.

Learning Objectives

- Recognize the clinical manifestations of coccidioidomycosis
- Review limitations of diagnostic testing, including serology, culture, and imaging
- Provide comprehensive management for pulmonary coccidioidomycosis
- Identify scenarios where referral to Infectious Diseases is recommended

Accreditation Statement



In support of improving patient care, Mayo Clinic College of Medicine and Science is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC) to provide continuing education for the healthcare team.

Credit Statement(s)

AMA

The Mayo Clinic College of Medicine and Science designates this enduring material for a maximum of 2.00 *AMA PRA Category 1 Credits*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Disclosure Summary

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Financial relationship(s):

None

No Financial relationship(s):

Neil Ampel, M.D.

Jodi Lee Beert

Janis Blair, M.D.

David DiCaudo, M.D.

Thomas Grys, Ph.D.

Shauna Larson

Robert Orenstein, D.O.

Rebecca Sunenshine, M.D.

Reference to off-label usage(s) of pharmaceuticals or instruments in their presentation:

<u>Name</u>	<u>Manufacturer/Provider</u>	<u>Product/Device</u>
Janis Blair, M.D.	Multiple	Fluconazole, Itraconazole, posaconazole, coriconazole, liposomal amphotericin. All FDA approved, but none with a specific indication for treatment of coccidioidomycosis.

Mayo Disclaimer

Participation in this Mayo Clinic educational activity does not indicate nor guarantee competence or proficiency in the performance of any procedures which may be discussed or taught in this course. You should be aware that substantive developments in the medical field covered by this recording may have occurred since the date of original release.

Prerequisites for Participation

There are no prerequisites needed prior to participating in this education activity.

How to Obtain Credit

To obtain credit, complete the post-test, evaluation and submit.

Method of Participation

Participation in this activity consists of reviewing the online videos and completing the post-test and evaluation.

Release and Expiration Dates

Release Date: September 15, 2018

Expiration Date: September 14, 2021

Acknowledgement of Commercial Support

No commercial support was received in the production of this activity.

Faculty and Course Director Listing and Credentials

Course Directors

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<u>Program</u>	<u>Video Run Time</u>
Coccidioidomycosis Introduction <i>Janis E. Blair, M.D.</i>	01:07
Current Epidemiology of Coccidioidomycosis <i>Rebecca Sunenshine, M.D.</i>	27:32
Cutaneous Manifestations of Coccidioidomycosis <i>David J. DiCaudo, M.D.</i>	19:33
Primary Pulmonary Coccidioidomycosis: <i>Neil M. Ampel, M.D.</i>	21:10
Coccidioidomycosis: Diagnosis, Treatment & When to Refer <i>Janis E. Blair, M.D.</i>	28:03
Coccidioidomycosis Discussion <i>Drs. Ampel, Blair, DiCaudo, Grys, and Sunenshine</i>	26:42

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