

Candida auris Training Course

Background

Candida auris is an emerging fungal pathogen and it is becoming as a serious global health threat in healthcare facilities around the world

Three main reasons make *C. auris* a threat, these include:

1. This yeast is difficult to identify with standard laboratory methods and is often misidentified
2. It is multidrug-resistant, meaning that this microorganism is often resistant to multiple antifungal medications
3. As differ to most of *Candida* species, *C. auris* colonizes the skin and persists on healthcare surfaces, making transmission and outbreaks in healthcare settings common. For all the reason presented above, it is important that healthcare workers be aware of *C. auris*. The rapid detection of this fungus and the timely implementation of infection prevention and control measures are key to stopping its spread.

Purpose

This self-guided e-learning course introduces learners to the fungal pathogen *Candida auris*, including its background, epidemiology, and infection control approaches, as applicable in Colombia.

Learning Objectives

1. To introduce key concepts of the epidemiology, public health surveillance, and outbreak investigation of fungal infections
2. Provide information on the public health impact of *Candida auris*
3. Provide information on how *Candida auris* is transmitted and how it can cause disease
4. Inform on best infection and control practices to prevent *Candida auris* cases or to stop *Candida auris* transmission when an outbreak is occurring
5. Inform how *Candida auris* cases and outbreaks can be detected, and approaches to take when an outbreak occurs

Language

Spanish

Format

This self-guided e-learning course consists of five interactive modules designed for learners to complete at their own pace. There is no registration, assessment or certification for this course.

Time Required

Approximately 3 hours and 30 minutes total to complete all modules. Modules do not have to be completed in one sitting. Learners can start and stop as needed but must note where to resume the course, as the place will not be saved between sessions.

Audience

Healthcare providers, epidemiologists, laboratory and other interested public health professionals.

Course Modules

- Módulo 1- Introducción a la epidemiología: this module introduces basic concepts of epidemiology and public health surveillance.
- Módulo 2 - Diez pasos en la investigación de eventos epidemiológicos: this module introduces key concepts and recommendations for *C. auris* outbreak investigations in healthcare facilities.
- Módulo 3 - Brote de *Candida auris* en Colombia: This module contains an overview of *C. auris*, and summarized recommendations for detection and control.
- Módulo 4 - Mejores prácticas para el control de infecciones por *Candida auris*: This module summarizes the recommendations for Infection prevention and control of *C. auris*, including cleaning and disinfecting, and transmission-based precautions.
- Módulo 5 - Investigación de eventos epidemiológicos por levaduras emergentes en Colombia: This module present the experience of a *C. auris* outbreak investigation in Colombia.

Course Modules--Downloadable Version

The *Candida auris* training course is also accessible offline. For the offline version, please download the below zip file.

In order to open the zip file and run the course:

- Step One: Download the zip file
- Step Two: Once it is downloaded, right-click the zip file to extract all
- Step Three: Open the extracted folder
- Step Four: Start each module by clicking the files named "Launch Module" for each

Scripts

- Downloadable versión

Supplemental Materials

- <https://www.cdc.gov/fungal/candida-auris/index.html>
- <https://www.cdc.gov/fungal/candida-auris/candida-auris-qanda.html>
- <https://www.cdc.gov/fungal/candida-auris/health-professionals.html>
- <https://www.cdc.gov/fungal/candida-auris/researchers-and-industry-professionals.html>
- <https://www.cdc.gov/fungal/candida-auris/patients-qa.html>
- <https://www.cdc.gov/fungal/candida-auris/fact-sheets/index.html>
- <https://www.cdc.gov/fungal/candida-auris/information.html>
- <https://www.epa.gov/pesticide-registration/list-p-antimicrobial-products-registered-epa-claims-against-candida-auris>

Technical review

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