



# ICCARE

(ISCCM Course to Combat Antimicrobial Resistance)  
A Three-Month Certificate Course for Intensivists Conducted  
by Leading Infectious Disease Specialists



## COURES ELIGIBILITY

- An Intensivist having ISCCM life membership

## COURSE OBJECTIVES

- To develop a detailed understanding of the various mechanisms of gram-negative resistance
- To develop the skills needed to manage patients with MDR infections
- To understand the advances in microbiology which help us in the fight against gram negative and gram-positive resistance
- To understand the nuances of management of gram-positive infections including staphylococcus, clostridium and enterococcus.
- Discuss illustrative cases

## COURSE FEES

- Rs 18000/-

## COURSE STRUCTURE

- **10-12 online learning modules - live online lectures by Experts, with ample time for discussion**  
(Every Thursday 6 pm-8 pm)  
Lectures topics include:
  - Gram negative resistance: Basics and mechanisms, including enzymes:
  - Treating ESBLs and ampC producers in India
  - Antimicrobial therapy for carbapenem resistant E. coli and Klebsiella:
  - Antimicrobial therapy for carbapenem resistant pseudomonas and acinetobacter
  - Diagnostic aspects of gram negative resistance - part A
  - Diagnostic aspects of gram negative resistance - part B
  - Combating staphylococcus in the ICU
  - Clostridium difficile - management challenges in India
  - Enterococcus: Management aspects
  - PK/PD aspects of antibacterial agents
- **One day in person preceptorship, in a designated tertiary hospital in any city of choice** (New Delhi, Mumbai, Pune, Chennai and Kolkata).  
Preceptorship sessions include:
  - A half day microbiology laboratory visit, breakout sessions and hands on training wherever applicable for the following:
    - Interpreting MICs
    - Resistance testing/enzymes
    - MALDI-TOF
    - Colistin testing
    - Testing for other antimicrobials
    - Synergy testing
  - A half-day session on difficult to treat bacterial infections in a case based format, conducted by Intensivists, Infectious Disease Specialists and Microbiologists



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- **Post Test**
- **Certification by ISCCM**