



ICCARE

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



Prof. Sheila Nainan Myatra
Course Mentor

COURSE 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



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