

# M.S. Ramaiah University of Applied Sciences

New BEL Road, MSR Nagar, Bangalore – 560054



**RAMAIAH  
UNIVERSITY**  
OF APPLIED SCIENCES

## PO, PSO & CO

**Programme: MD in Emergency Medicine**

**Programme Code: 141**

**Programme Outcome (PO)**

**Programme Specific Outcome (PSO)**

**Course Outcomes (CO)**

*Shalini*

**Principal and Dean**

M.S. Ramaiah Medical College and Hospital  
M.S. Ramaiah University of Applied Sciences  
Bangalore-560054



# Ramaiah Medical College (RMC)

## Programme Outcomes

### Post Graduate Programme: MD in Dermatology

#### Programme objectives (PO) for MD Dermatology Postgraduate students:

**PO1.** Upon completion of training, a resident is expected to be a competent specialist in Emergency Medicine capable of assuming a consultant's role in the specialty. The resident must acquire a working knowledge of the theoretical basis of the specialty, including its foundations in the basic medical sciences and research. (C, A)

**PO2.** The Specialist Emergency Physician possesses organizational skills in Emergency Department and disaster management and the ability to interface with and play a leadership role in the development and organization of Emergency Medical Services and Pre-hospital care. (C, A)

**PO3.** The Specialist Emergency Physician possesses the knowledge, skills, and attitudes for effective patient-centered care and service to a diverse population with attention to age, gender, culture, ethnicity, and ethics. The Specialist Emergency Physician can incorporate these perspectives in research methodology, data presentation, and analysis. (C, A, P)

## Programme Specific Outcomes (PSOs)

### Programme specific outcome (PSO) for MD in Dermatology Postgraduate students

**PSO1** - Demonstrate an understanding of scientific concepts and the knowledge necessary for: history taking, physical exam, diagnostic studies, differential diagnosis, and clinical intervention and therapeutics of acute and emergent medical conditions seen in the emergency department. (C, P)

**PSO2** - Demonstrate the ability to think critically and problem solve to make informed decisions about diagnostic and therapeutic interventions using patient information, scientific evidence, and clinical judgment in the emergency department. (C)

**PSO3**- Perform common technical skills in the emergency department. (P)

**PSO4**- Demonstrate clinical skills of medical, surgical, and psychiatric history and physical examination; including competency in developing a comprehensive differential diagnosis of illness. (C, A, P)

**PSO5**- Demonstrate clinical skill and competency in medical management of patients for safe and appropriate discharge planning, including arranging follow-up care, contacting appropriate follow-up physicians/services to coordinate outpatient care. (C, A, P)

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**PSO6-** Demonstrate respectful and compassionate use of medical skills for all individuals. This includes the utility of high-quality care and technology and, in the event of terminal illness, an awareness of the limits of medical intervention and the obligation to provide humane care. (A)

**PSO7-** Create a positive relationship with the patient and family to assure optimal medical care, assuring the emotional and cultural needs and expectations of all patients. (A)

**PSO8-** Participate and work effectively with others on interdisciplinary and/or multidisciplinary services to promote optimal patient care. (C, A)

**PSO9-** Work professionally with nursing and ancillary staff to promote optimal patient care. (A)

**PSO10-** Communicate effectively with primary care providers concerning their patients' clinical presentations, assessments, conditions, and disposition planning. (A)

## Course Outcomes (COs)

**Course Title & Code: Basic sciences and resuscitation (MDC557A)**

**Subjects At the end of the course, the students should be able to:**

- CO-1.** Demonstrate comprehensive applied knowledge anatomy, physiology, and biochemical aspects in relevance to approach and management of various emergencies in adults and children. (C)
- CO-2.** Demonstrate a good understanding of knowledge, skills, and communication for resuscitating critically ill adults and children. (C, A, P)

## Course Outcomes (COs)

**Course Title & Code: Medical Emergencies (MDC558A)**

**Subjects At the end of the course, the students should be able to:**

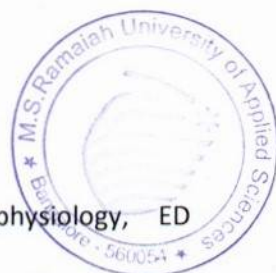
- CO-1.** Demonstrate comprehensive knowledge of Epidemiology, pathophysiology, ED presentation and management of various medical emergencies. (C)
- CO-2.** Demonstrate a good understanding of prerequisite skills of assessment and stabilization of various medical emergencies. (A, P)

## Course Outcomes (COs)

**Course Title & Code: Trauma and surgical emergencies (MDC559A)**

**Subjects At the end of the course, the students should be able to:**

- CO-1.** Demonstrate comprehensive knowledge of Epidemiology, pathophysiology, ED presentation and ED management of various surgical emergencies. (C)
- CO-2.** Demonstrate a good understanding of knowledge, skills, and communication for managing major and minor trauma in adults and children. (C, A, P)



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## Course Outcomes (COs)

Course Title & Code: Recent advances and Pediatric emergencies (MDC560A)

Subjects At the end of the course, the students should be able to:

- CO-1. Demonstrate comprehensive knowledge of Epidemiology, pathophysiology, ED presentation and ED management of various pediatric emergencies. (C)
- CO-2. Demonstrate a good understanding of knowledge and application of recent advances in emergency medicine. (C)

## Course Outcomes (COs)

Course Title & Code: Thesis– Emergency Medicine (MDP515A)

Subjects At the end of the course, the students should be able to:

- CO-1. Describe the techniques of research, identify available literature, and critically analyse the same. (C)

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