

# M.S. Ramaiah University of Applied Sciences

New BEL Road, MSR Nagar, Bangalore – 560054



**RAMAIAH  
UNIVERSITY**  
OF APPLIED SCIENCES

## PO, PSO & CO

**Programme: M.CH Surgical Oncology**

**Programme Code: 161**

**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: M.CH Surgical Oncology

Programme objectives (PO) for M.ch Surgical Oncology Postgraduate students

At the end of the program the postgraduate students should

- PO1:** Provide an all-rounded experience in Surgical oncology to prepare each student for either a private or an academic career in the speciality and to provide the best care for patients.
- PO2:** Provide opportunities to involve in teaching, clinical research and to publish medical literature.
- PO3:** To be patient safe, to give quality of service and patient counselling.

## Programme Specific Outcomes (PSOs)

Programme specific outcome (PSO) for M.CH Surgical Oncology Postgraduate students

- PSO1:** Be aware of early signs of cancer, causes of cancer and various available investigations to stage the disease.
- PSO2:** Appreciate the social, cultural, economic and environmental factors associated with the diagnosis of cancer.
- PSO3:** Exhibit awareness of increasing incidence of cancer.
- PSO4:** Cancer prevention, control, screening, early detection, etiology and molecular changes leading to cancer, rehabilitation, palliative and terminal care of cancer patient
- PSO5:** Will be able to conduct various research & methodologies, a broad based training in all aspects of cancer science and treatment and be able to plan/coordinate research studies in the department, and be a part of inter-departmental or multi-centric, national/international research programmes.
- PSO6:** The candidate will be able to diagnose, treat and coordinate in the comprehensive management of cancer patients
- PSO7:** The candidate will be able to do common diagnostic procedures and surgeries pertaining to management of cancer and its complications
- PSO8:** The candidate will be able to organize and head multidisciplinary tumor boards and facilitate in treating cancer patients

**PSO9:** The candidate will be able to have knowledge regarding allied specialties like Radiotherapy, Medical oncology, Radiology and pathology, so that he will be able to give a bird eye view of overall treatment and management of cancers.

**PSO10:** Understand various national cancer control programmes and coordinate for treatment and screening of cancers and work towards the national goal.

### **Course Outcomes (COs)**

**Course Title & Code: Basic Sciences relevant to Surgical Oncology (MCHC521A)**

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

- CO-1.** Demonstrate comprehensive knowledge of applied anatomy, classification, histopathology, investigations and staging of various tumours. (C)
- CO-2** Demonstrate the understanding of various concepts of etiology and molecular basis of oncology and screening  
Demonstrate the understanding of allied subjects, chemotherapy, radiation, radiology and pathology in cancers.

### **Course Outcomes (COs)**

**Course Title & Code: Principles of Surgical Oncology- 1 (MCHC522A)**

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

- CO-1.** Demonstrate the principles of surgery in Vascular access, Head & neck malignancies, thorax, Gastrointestinal malignancies & Lymphomas.
- CO-2.** Demonstrate the role of treating complications and newer advances during surgeries for Vascular access, Head & neck malignancies, thorax, Gastrointestinal malignancies & Lymphomas.
- CO-3.** Demonstrate the role of allied specialty in Vascular access, Head & neck malignancies, thorax, Gastrointestinal malignancies & Lymphomas.

### **Course Outcomes (COs)**

**Course Title & Code: Principle of Surgical Oncology – 2 (MCHC523A)**

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

- CO-1.** Demonstrate the principles of surgery in Genito urinary system, Gynecological cancer, Breast, Bone & Soft tissue, Endocrine tumors, Skin & Central nervous system.
- CO-2.** Demonstration role of complications and newer advances during surgeries for Genito urinary system, Gynecological cancer, Breast, Bone & Soft tissue, Endocrine tumors, Skin & Central nervous system.
- CO-3.** Demonstration role of allied specialty in Genito urinary system, Gynecological cancer, Breast, Bone & Soft tissue, Endocrine tumors, Skin & Central nervous system.

*Shalini*

**Principal and Dean**

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

## Course Outcomes (COs)

Course Title & Code: Cancer epidemiology, Prevention, Images, psycho-oncology, Rehabilitation, societal Oncology (MCHC524A)

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

- CO-1. Demonstrate comprehensive knowledge of Cancer epidemiology, Prevention, Imaging, psycho-oncology, Rehabilitation, societal Oncology, neoplasms in childhood, complications of cancer treatment, Oncologic emergencies
- CO-2. Demonstrate comprehensive knowledge of conducting multidisciplinary tumor board, conducting trials and working with other specialities for treatment of cancers.

\*\*\*

*95*

Registrar  
M.S. Ramaiah University of Applied Sciences  
Bangalore - 560 054

*Shadini*  
Principal and Dean  
M.S. Ramaiah Medical College and Hospital  
M.S. Ramaiah University of Applied Sciences  
Bangalore-560054