

M.S. Ramaiah University of Applied Sciences

New BEL Road, MSR Nagar, Bangalore – 560054



**RAMAIAH
UNIVERSITY**
OF APPLIED SCIENCES

PO, PSO & CO

Programme: DM Medical Oncology

Programme Code: 155

Programme Outcome (PO)

Programme Specific Outcome (PSO)

Course Outcomes (CO)



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Principal and Dean

M.S. Ramaiah Medical College and Hospital
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Ramaiah Medical College (RMC)

Programme Outcomes

Post Graduate Programme: DM Medical Oncology

Programme objectives (PO) for DM Medical Oncology Postgraduate students
At the end of the program the postgraduate students should

- PO1:** Provide an all-rounded experience in medical 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:** Become champions of patient safety, quality improvement and patient counselling

Programme Specific Outcomes (PSOs)

Programme specific outcome (PSO) for DM Medical Oncology Postgraduate students

- PSO1:** Describe etiology, patho-physiology, principles of diagnosis and management of malignancies including emergencies, in adults and children.
- PSO2:** Demonstrate understanding of basic sciences relevant to this specialty
- PSO3:** Describe indications and methods for blood transfusion and pheresis.
- PSO4:** Update oneself by self-study and by attending courses, conferences and seminars relevant to the specialty.
- PSO5:** Use information technology tools and carry out research, both basic and clinical, with the aim of presenting or publishing his/her work in various scientific forum or journals.

Skills

- PSO6:** Take a proper clinical history, examine the patient, perform essential diagnostic procedures and order relevant tests and interpret them to come to a reasonable diagnosis & staging of disease.
- PSO7:** Perform common procedures relevant to the specialty.

Attitude and Communication Abilities

- PSO8:** Adopt ethical principles in all aspects of his/her practice. Professional honesty and integrity are to be fostered. Care is to be delivered irrespective of the social status, caste, creed or religion of the patient. Apply high moral and ethical standards while carrying out human or animal research.

PS09: Develop communication skills, in particular the skill to explain various options available in management and to obtain a true informed consent from the patient & breaking of bad news.

PS010: Respect patient's rights and privileges including patient's right to information and right to seek a second opinion.

Course Outcomes (COs)

Course Title & Code: Molecular oncology & Basic cancer therapeutics (DMC521A)

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

- CO-1.** Candidate should have basic understanding about the etiopathogenesis of cancer.
- CO-12** Knowledge about the socio-economic aspects of cancer causation and preventive measures.
- CO-3.** Knowledge about the basic molecular pathology in relation to cancer

Course Outcomes (COs)

Course Title & Code: Clinical Oncology of Childhood, and Haemato Oncology (DMC522A)

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

- CO-1.** Basic understanding of the common pediatric malignancies in the community and the competency to manage them as per the present standards of care.
- CO-2.** Basic understanding of lymphoproliferative malignancies in the community and the competency to manage them as per the present standards of care.
- CO-3.** Basic understanding of Principles of bone marrow transplant and the competency to perform and manage patients who need Bone marrow transplant as per present standards of care.
- CO-4.** Basic understanding of leukaemia in the community and the competency to manage them as per the present standards of care.

Course Outcomes (COs)

Course Title & Code: Clinical Oncology of Adult Solid tumors (DMC523A)

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

- CO-1.** Basic understanding of the common head and neck malignancies in the community and the competency to manage them as per the present standards of care.
- CO-2.** Basic understanding of the common thoracic malignancies in the community and the competency to manage them as per the present standards of care.
- CO-3.** Basic understanding of the common Gastrointestinal malignancies in the community and the competency to manage them as per the present standards of care.
- CO-4.** Basic understanding of the common head and neck malignancies in the community and the competency to manage them as per the present standards of care.
- CO-5.** Basic understanding of breast malignancies in the community and the competency to



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- manage them as per the present standards of care.
- CO-6. Basic understanding of Gynaecological malignancies in the community and the competency to manage them as per the present standards of care.
 - CO-7. Basic understanding of the common genitourinary malignancies in the community and the competency to manage them as per the present standards of care
 - CO8. Basic understanding of the common soft tissue malignancies in the community and the competency to manage them as per the present standards of care

Course Outcomes (COs)

Course Title & Code: Recent advances, Palliative care, Oncologic emergencies, Supportive care. (DMC524A)

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

- CO-1. Competency to understand the structure of palliative care/hospice; and the ability to conceive and implement a palliative care unit.
- CO-2. Competency to analyse clinical trials and derive conclusions to be put into clinical practice.
- CO-3. Should be uptodate with the latest research in the field
- CO-4. Knowledge of the newer chemotherapy/immunotherapy.
- CO-5. Competency to understand the oncological emergencies in the practice and the competency to manage them as per the present standards of care



Registrar
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