

## **(143-MED-34-03) M.CH - SURGICAL ONCOLOGY**

### **Significance of Program:**

Onco surgery, also known as surgical oncology, involves the surgical management of cancer. It encompasses a wide range of surgical procedures aimed at removing tumours, nearby lymph nodes, and other affected tissues.

### **Career Options:**

It can be used to treat most types of cancers, including breast cancer, colorectal cancer, pancreatic cancer, liver cancer, cancer of the head and neck, lung cancer, ovarian cancer, etc.

### **Program Objectives:**

The following objectives are laid out to achieve the goals of the course. These objectives are to be achieved by the time the candidate completes the course. The Objectives may be considered under the subheadings.

1. Knowledge
2. Skills
3. Human values, ethical practice and communication abilities.

### **Outcome of the Program:**

- To train doctors in the scientific aspects of the specialty of surgical oncology.
- To empower them to practice the specialty of surgical oncology with competence, care and compassion there by delivering highest standard of surgical oncology care to the community.
- To empower the trainee in academic and research aspect of surgical oncology, to empower the trainee to become an effective teacher and communicator in surgical oncology.
- To establish the required training methods, evaluation methodology and qualifying norms for the successful completion of the M.Ch. Course in surgical oncology.
- To provide the candidate with the current, latest, and scientific and evidence based knowledge pertaining to the above mentioned areas in surgical oncology.

### **Major Course Outlines:**

Basic Sciences, include Cancer Biology, Tumor Immunology, Cancer Etiology, Pharmacology, Radiation Biology, Tumor Pathology. Principals of Surgical Oncology, Management of Head and Neck, Thorax, Gastrointestinal system Genito Urinary system, Gynaecological cancer, Breast,

Bone & Soft tissue, Endocrine tumors, Childhood cancers, skin & Central nervous System. :  
 Cancer Epidemiology, prevention, Psycho oncology, Rehabilitation, Societal Oncology

CORE	Electives	Skill Course
Surgical oncology	surgery	<p>1. To impart the skill to undertake independent clinical practice in the areas of surgical oncology and provide opportunities to the practice of skills in a graded manner and under suitable supervision to a point where the candidate is capable of practicing these skills independently.</p> <p>2.To inculcate in the candidate an attitude of responsibility, accountability and caring , to empower the candidate with a good and sound foundation of ethical values in the practice of surgical oncology; and to develop in the candidate the ability to effectively communicate with patients, peers, superiors, and the community in the discharge of his/her clinical and research role.</p>