

(108-MED-14-03) DM – MEDICAL ONCOLOGY

Significance of Program:

Medical oncology is a type of cancer care that involves treatment using chemotherapy, immunotherapy, hormone therapy, and targeted therapy. It effectively works in the treatment of cancer, when combined with other cancer care treatments such as radiation oncology and surgical oncology

Career Options:

After successful completion of the DM Medical Oncology course candidates can work in research centres, hospitals etc and can easily earn an average annual salary of INR 4 -15 LPA depending upon the work experience, knowledge and expertise.

Program Objectives

During the course emphasis is given on diagnosis of any cancer in a person, therapy, follow up of cancer patients after successful treatment, palliative care of patients with terminal malignancies and ethical questions surrounding cancer care

Outcomes of the Program:

Providing specialized training in medical Oncology, including Hospital based oncology practice, Community Oncology development and Community intervention strategies.

Instill the concept of wholesome management of a cancer patient

Instill team spirit by involving radiation oncologist, surgical oncologist, Nuclear medicine & allied imaging departments, palliative care specialists & pathologists as team players in all patients and other departments as & when necessary.

Major Course Outlines

Basic Science

- A. Lectures on basic sciences as relevant technology;
- B. Clinical Experience
- C. Clinical work including chemotherapy, daily patient management, management of patients on chemotherapy and palliative care for advanced malignancy patients.
- D. Weekly multi-disciplinary seminar so as to cover the topics of Malignancies of Head & Neck, Gastro-intestinal tract, Thorax, Bones & soft tissue sarcomas, Breast, Skin, Gynecological oncology and other miscellaneous sites- over a 36- month period.
- E. Once a month journal club presentation.

F. Attendance to at least one oncology conference every year. Involvement in clinical trials. A research project (thesis). Teaching and Learning activities like Seminar, Symposium, Guest lectures etc. Compulsory attendance to at least 2 oncology CME's during the period of three years.

G. Diagnostic Skills

He should carry out diagnostic procedures like bone marrow aspiration and biopsy, Lumbar Puncture, thoracocentesis etc.. Chemotherapy Treatment –aware of protocols and regimens:

H. As mentioned in the table on skills. Training Period The proposed duration of the course will be 3 years.

CORE	Electives	Skill Course
•MEDICAL ONCOLOGY	MEDICINE	As a part of 'Hands on training', the following are the minimum stipulated requirements to be fulfilled by the candidate at the end of three-year training period in Medical Oncology. The candidate will maintain a log book and take signatures of the concerned consultant involved in each case.