

YEN ONCO CENTRE

Fellowship in Surgical Oncology

Twenty two months institutional fellowship in Surgical Oncology at Yeneopoya medical college (Yen oncocentre) , Mangalore.

Eligibility: MS/DNB (General Surgery)

Introduction:

Cancer surgery are mostly managed at specialized cancer centres and medical colleges in India. The training in cancer surgery during postgraduate courses, in general surgery is often not adequate to manage cancer patients. Post doctoral training is necessary to produce more surgeons capable of treating these common cancers.

Aim

The aim is to provide the training foundation for those individuals dedicated to careers in surgical oncology through training in the areas of interdisciplinary management, complex oncologic surgery and research. This additional expertise emphasizes critical analysis of clinical problems and development of additional skills in the performance of techniques required for the practice of the subspecialty, including consultation skills and multidisciplinary treatment planning, with emphasis in basic and clinical research methodologies.

Educational Curriculum

The Programme

Duration: The duration of the course will be for twenty two months.

Number of seats: Intake of candidates will be limited to 2 per year.

Requirements for Fellowship

1. The candidate should possess MS/DNB degree in General Surgery

2. Educational Objectives: The goals of these fellowships are to provide comprehensive, multidisciplinary training to individuals who are committed to a career in surgical oncology.

The fellowship programme will be for a period of twenty two months

The fellowship training will provide a broad exposure to the full range of clinical problems encountered in a tertiary oncology practice.

The trainee will be full time residents of the institutions and will perform the duties and responsibilities of a full time surgeon in Surgical oncology.

After completion of the fellowship, the surgeon would be gaining the following experiences:

- a) Expertise in the multidisciplinary management of patients with Solid tumor.
- b) Comprehension of cancer biology
- c) Judgment and ability to perform complex tumor resections and an understanding of the technical limitations of the procedures.
- d) Expertise in conservation surgical procedures and organ preservation.
- e) Knowledge and/or skills in Minimal access surgery.
- f) Broad-based knowledge and comprehension of principles of radiation oncology, medical oncology, oncologic nutrition, all solid tumor pathology , diagnostic radiology/nuclear medicine ,pain and palliation ,genetics and medical research
- g) Appreciation of scientific methodology, study design, clinical trials and data analysis
- h) Ability to practice effectively in an academic, tertiary care setting and to participate in medical education and translational research.

Fundamental Components of the Fellowship

- a) The fellow must participate in the evaluation, management and care of a minimum of 1000 oncology cases
- b) Participation in a minimum of 400 surgical procedures, representing the full scope of surgical oncology
- c) Intensive exposure to the interdisciplinary management of oncologic patients
- d) Participation in the development and implementation of oncologic research.

Fellowship Curriculum

The fellowship will provide clinical exposure in the following areas

- a) Head and neck cancers, Gastro-intestinal cancers, Breast and Thyroid cancers, Gynecological cancers, Skin, Soft tissue and Bone tumors and urological cancers
- b) Radiation biology and therapeutic radiation oncology
- c) Oncologic nutrition
- d) Diagnostic radiology and nuclear medicine

Apart from the patient care, candidate also has to participate in weekly seminars and journal clubs, monthly morbidity and mortality meetings and clinical research protocols

Vi. Fellowship Schedule Template

The candidate would spend at least 18 months in the Surgical Oncology unit.

The remaining period shall be divided as follows

- Radiation Oncology – 4 weeks
- Medical Oncology – 4 weeks
- Onco-pathology – 2 week
- Community Oncology – 2 week
- Radiology – 2 week
- Pain and Palliative medicine – 2 week

The learning process will be facilitated by

- 1) Clinical expertise gained by working alongside experienced Oncologists.
- 2) Attendance in daily Multi-specialty tumor boards.
- 3) Teaching sessions, which would include inter disciplinary seminars (involving radiation, medical and palliative care besides the parent unit.), Journal clubs, and case presentation.
- 4) Assisting and hands-on experience in all oncology procedures, postings to Medical, Radiation, Community oncology and palliative care for exposure to these areas of oncology.
- 5) Project work in the form of at least one publication in any oncology journal and involvement in community based intervention programme for cancer.
- 6) Lectures by experts in the field of basic sciences, preventive oncology, tumor registry, molecular biology & genetics.

Evaluation:

1) Internal assessment of the candidates by the faculty (100 marks). This will be done on a continual basis with respect to the overall objectives of the course, and specifically with respect to their operating skills, time spent with patients in planning Radiotherapy & Chemotherapy, seminars, journal club & tumour board presentations.

2) Final examination – at the end of the course conducted by both internal & external examiner.

a) It will (100 consist of 3 theory papers x 3 = 300 marks)

b) Clinical case discussion (50 x 2 = 100 marks)

V. Fellowship Faculty

Dr. M.Vijayakumar, MBBS, DNB, MCh, FRCS(Glas): Professor in Surgical oncology.

Dr. Jallaludin Akbar K.C MBBS, MS, MCh: Associate Professor & HOD, Surgical oncology

Dr. Rohan Shetty MBBS, MS, MRCS(Edin.): Assistant Professor, Dept of surgical Oncology.

Dr Amar Rao H.T MBBS, MS, DNB: , Senior Resident , Dept of Surgical oncology

Dr. Guru Prasad Bhat MBBS, MD, DM, Assistant Professor, Dept of Medical Oncology

Dr. Ibrahim Nagnoor, MBBS, MD, Consultant, Community Oncology

Dr. Prajna Kini, BDS, MDS, FICP, Consultant, Pain & Palliative Care in Oncology