



YENEPOYA UNIVERSITY

Deralakatte, Mangaluru -575018

**REGULATIONS AND CURRICULUM GOVERNING
POST DOCTORAL FELLOWSHIP IN SURGICAL ONCOLOGY**

(CURRICULUM - EFFECTIVE FROM 2017-18)

ATTESTED

A handwritten signature in green ink, appearing to be 'G.S.', is written over the word 'ATTESTED'.

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Registrar
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YENEPOYA
UNIVERSITY

Recognized under Sec 3(A) of the UGC Act 1956 as per Notification No. F.9-11/2007-U.3 (A) dated 27th February 2008

No. YU/REG/ACA/A. Council/27/2016

31.01.2017

NOTIFICATION

Sub: Starting of Post Doctoral Fellowship in Nephrology, Urology and Surgical Oncology

Ref: Agenda-11 of the 27th meeting of the Academic Council held on 09.01.2017

The Academic Council at its meeting held on 09.01.2017, vide Agenda-11 and subsequently the Board of Management has approved the proposal to start Post Doctoral Fellowship in Nephrology, Urology and Surgical Oncology. The course shall commence from the academic year 2017-18.

Copy to:

1. The Principal – YMC
2. HoD, Dept. of Surgical Oncology
3. HoD, Dept. of Urology
4. HoD, Dept. of Nephrology
5. The Controller of Examinations
6. Academic Section

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FELLOWSHIP COURSE IN SURGICAL ONCOLOGY

1. 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.

2. GOALS AND OBJECTIVES

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

3. COURSE OVERVIEW

Duration of the Course

The period of study and training for the surgical oncology shall be two academic years including examination process.

Commencement of Academic Session

The academic session for the Post –Graduate shall commence as per university schedule

Eligibility criteria:

The candidates who have passes MD/DNB in general surgery or any equivalent degree recognized by the university

Number of seats :

Intake of candidates will be limited to 2 per year.

Requirements for Fellowship

The candidates should possess MS/DNB degree in General Surgery

Number of Examinations

The University shall conduct not more than two examinations in a year, with an interval of not less than four (4) and not more than six (6) months between the two examinations.

Attendance

All students joining the fellowship training programme shall work as full time residents during the period of training, attending not less than 80% (eighty percent) of the training during each academic year, and will be given full time responsibility, assignments and participation in all facets of the educational process.

4. COURSE CONTENT

TRAINING METHODS

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

Upon completion of a one- year fellowship , the surgeon will possess the following characteristics.

- a) Expertise in the multidisciplinary management of patients with solid tumor.
- b) Comprehension of cancer biology
- c) Judgment and ability to perform complex tumor resection 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 .

II. 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

III. Fellowship Curriculum

The fellowship will provide clinical exposure to the following

- a) Head and neck oncology , GI oncology , Breast and Gynecological Cancer , Skin , Soft tissue and Bone tumors, urological malignancy.
- b) Radiation biology and therapeutic radiation oncology
- c) Oncologic nutrition
- d) Diagnostic radiology and nuclear medicine
- e) Morbidity and mortality conferences
- f) Journal clubs

IV. Fellowship Schedule Template

The candidate would spend at least 18 months in the surgical oncology unit
First year:

Radiation oncology – 4 weeks

Medical oncology – 4 weeks

Oncopathology – 2 weeks

Community Oncology – 2 week

Pain and palliative medicine – 2 week