



MALABAR CANCER CENTRE

(an autonomous centre under Government of Kerala)

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Fellowship in Head & Neck Oncology Brochure May 2018



1.0 Introduction

Organ based sub specialization in Surgical Oncology is the standard of care in almost all centres around the world and importance of this, not so naïve concept and its better outcomes in cancer treatment has been proved beyond doubt. Head and Neck surgical oncology is one of the most sought branch in the field of surgical oncology owing to its intricate anatomy and distinct patterns of spread and unique treatment protocols.

Since 2010, Malabar Cancer Centre and Research Institute has been providing quality Head and Neck Oncology training to ambitious and deserving budding surgeons and carving out a complete Head and Neck Onco-surgeon in all aspects. The centre offers a comprehensive training in head and neck oncology which includes patient management, research, presentations and skill development. We are proud to know that all our alumnis are placed at good centres and a large number of patients are benefitted of their skills.

2.0 Aim

The aim is to provide the training foundation for those surgeons dedicated to careers in head and neck surgical oncology through training in the areas of interdisciplinary management, complex head and neck 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 this subspecialty, including consultation skills and multidisciplinary treatment planning, with emphasis on basic and clinical research methodologies.

3.0 Eligibility

MS/DNB in Otorhinolaryngology (ENT) or DLO

MS/DNB (General Surgery)

MDS (Maxillo facial Surgery)

4.0 Submission of application

The applications should be submitted ONLINE through our website www.mcc.kerala.gov.in

5.0 Application fee

Rs. 2,000/- (Rupees Two Thousand Only). The amount may be transferred to the following account by RTGS/NEFT and the reference number should be specified in the online application.

Bank and Branch: IDBI, Thalassery Branch

Account Number: 1154104000017958

IFSC Code: IBKL0001154

6.0 Important Dates

Last date of Application : 30th June 2018

Provisional date for written test/ interview: 15th July 2018

Announcement of results : 15th & 16th July 2018

Date of starting the course : 16th Aug 2018.

7.0 Educational Curriculum

Duration: The duration of the course will be 2 years.

No. of seats: Intake of candidates will be two per year.

I. Requirements for Fellowship

The candidate should possess MS/DNB degree in Otorhinolaryngology(ENT) or DLO or MS/DNB degree in General Surgery or MDS in Maxillofacial Surgery.

II. Educational Objectives

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

The fellowship programme will be a two year course

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

Upon completion of a two-year fellowship, the surgeon will possess the following

1. Expertise in the multidisciplinary management of patients with head and neck cancer
2. Broad-based knowledge and comprehension of principles of: radiation oncology, medical oncology, maxillofacial prosthetics, oncologic nutrition, head and neck pathology, diagnostic radiology/nuclear medicine and rehabilitation of speech and swallowing
3. Expertise in conservation surgical procedures , judgment and ability to perform complex tumour resections and an understanding of the technical limitations of these procedures and knowledge and/or skills in microvascular free flap reconstruction
4. Appreciation of scientific methodology, study design, clinical trials and data analysis and an ability to practice effectively in an academic, tertiary care setting and to participate in medical education and translational research.

III. Fundamental Components of the Fellowship

- 1) The fellow must participate in the evaluation, management and care of a minimum of 200 head and neck neoplasm cases
- 2) Participation in a minimum of 100 surgical procedures, representing the full scope of head and neck surgical oncology
- 3) Intensive exposure to the interdisciplinary management of head and neck

oncologic patients

4) Participation in the development and implementation of head and neck oncologic research.

IV. Fellowship Curriculum

The fellowship will provide clinical exposure to the following

- 1) Oral cavity cancer & management
- 2) Oropharyngeal cancer & management
- 3) Laryngeal cancer & management
- 4) Hypopharyngeal cancer & management
- 5) Cervical esophageal cancer & management
- 6) Role of neck dissection
- 7) Paranasal sinus malignancy & management
- 8) Salivary gland neoplasms & management
- 9) Thyroid and parathyroid neoplasms & management
- 10) Head and neck melanoma & management
- 11) Skull base neoplasms & management
- 12) Head and neck sarcoma & management
- 13) Non-melanoma skin cancer & management
- 14) Partial laryngeal surgery
- 15) Head and neck reconstruction
- 16) Head and neck pathology
- 17) Radiation biology and therapeutic radiation oncology
- 18) Head and neck medical oncology

- 19) Maxillofacial prosthetics
- 20) Nutritional Oncology
- 21) Head and neck diagnostic radiology and nuclear medicine
- 22) Speech and language rehabilitation
- 23) Morbidity and mortality conferences
- 24) Journal clubs
- 25) Clinical research protocol

V. Fellowship Faculty

Dr. Satheesan Balasubramanian: M.S. M.Ch. (surgical oncology). Professor in Surgical oncology.

Dr Sajith Babu TP, MS (ENT), DNB, FHNS (Head & Neck), Associate Professor.

Dr Adharsh Anand, MS, MCh(head and neck), Asst Prof in Surgical Oncology

Dr. Nizamudheen P, M.S. M.Ch. (surgical oncology). Asst Professor in Surgical oncology.

Dr. Basavaraj Ankalkoti, M.S. DNB (surgical oncology). Asst Professor in Surgical oncology.

Dr. Pramod Sankar, MDS (Prosthodontics), Assoc Prof, Dentistry and Rehabilitation

Geetha M. MD(Radiotherapy), Associate Professor & HOD Radiation Oncology.

Dr. Greeshma DMRT, DNB(Radiotherapy), Assistant Professor in Radiation Oncology

Dr Vinin Narayanan, MD, Assistant Professor, Dept of Radiation Oncology

DrJoneetha John, MD, Assistant Professor, Dept of Radiation Oncology

Dr. Shoaib M.B.B.S, MD(Radiotherapy), Assistant Professor in Radiation Oncology

Dr.Arun P Narendran, MD(Radiotherapy), Assistant Professor in Radiation Oncology

Dr. Nabeel Yahiya, MD(Radiotherapy), Assistant Professor in Radiation Oncology

Dr. Chandran K. Nair, M.D,DNB(Int.Medicine), D.M. (Clinical Hematology), Fellowship in Bone Marrow/Peripheral blood Stem cell transplantation(Vancouver, Canada)

Dr.Manu Prasad, MD, DM, Asst Professor in Medical Oncology

Dr. Praveen Shenoy, MD, DM, Asst Professor in Medical Oncology

Dr. Biji : MBBS , Diploma in Palliative care, Asst Professor, Cancer Palliative Medicine

Dr. Sangeetha, MD, DNB(Pathology) , Additional Prof, Dept of Pathology

Dr. Sithara MD, DNB(Pathology) , AssocProf , Dept of Pathology

Dr Aswathy ,MD (Pathology), Assistant Prof , Dept of Pathology

Dr Kandathil Philip ,MD (Pathology), Assistant Prof , Dept of Pathology

NoushadArayadan,MD (Pathology), Assistant Prof , Dept of Pathology

DrSatheesh Babu, MD (Radiodiagnosis) , Assoc Prof, Dept of Radiodiagnosis

DrNeethu AP, Asst Prof, Community Medicine

DrPhinse M Philip, Lecturer, Community Medicine.

VI. Fellowship Schedule Template

The candidate would spend at least 20 months in the Surgical Oncology unit. A rotation of three months in medical and radiation oncology departments, community medicine and palliative medicine department and an outstation posting for one month.

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 hand on experience in all Head and Neck oncology procedures
- 5) Posting to Medical, Radiation, Community oncology and palliative care for an exposure to these areas of oncology.
- 6) Project work in the form of at least one publication in any oncology journal, attending state/national/international conferences with scientific presentations and involvement in community based intervention programme for cancer.
- 7) Lectures by experts in the field of basic sciences, preventive oncology, tumor registry, molecular biology & genetics.

8.0 Fees and Stipends:

Fees of **Rs.15,000/-** per annum will be levied and **Rs,10,000/-** will be collected as refundable caution deposit for two years. Stipend of **Rs. 47, 000** per month will be given for the first year and **Rs.48,000** for the second year. For sponsored candidates and candidates from other countries the institution

may decide on the fee structure as appropriate.

The candidates will be full time residents of the institutions and will perform the duties and responsibilities of a full time in Surgical Oncology.

9.0 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, management of patients, seminars, journal club & tumour board presentations.

2) Final examination –by both internal & external examiner. It will consist of

2 theory papers (50 x 2 =100 marks)

Clinical case discussion (50 x 2 = 100 marks)

Ward rounds

Pathology and radiology spotters

10.0 Leaves:

Candidates will be eligible for 12 days leave per year during the programme. Not more than 10 days of leave will be granted together. Candidates who avail for more than 24 days of leave will have extension for those additional days of leave.
