

Certificate Course in Head and Neck Surgery - (C²HNS)

S. No.	Head	Comment
•	Name of Course	Certificate Course in Head and Neck Surgery - (C ² HNS)
•	Convenor of Course	Head of Department of Surgery KGMU
•	Similar courses in other universities / colleges: • Specify new course	It is a new course in KGMU.
•	Duration in months	12 months
•	Maximum no. Of seats offered: per course	Two (02)
•	Frequency of course: (annual/6 monthly)	Annual
•	Eligibility criteria for candidates:	Candidate should have completed MS/DNB in General Surgery
•	Mode of selection: (Advertisement to enrolment)	Combined merit - based on MCQ based Entrance examination (80%) and viva (20% marks) Examination committee (for viva) <ul style="list-style-type: none"> • Dean Faculty of Medicine or nominee • Head of Department or nominee • Hon'ble Vice Chancellor nominee • External Expert (from reputed Govt/Private Institution) as decided by Board of Studies of Department of General Surgery KGMU
•	Fees for course including fee structure:	As per University rules
•	<u>Course Curriculum/Syllabus</u>	The course will provide clinical exposure to the following - <ol style="list-style-type: none"> a) Head and neck pathology b) Radiation biology and therapeutic radiation oncology c) Head and neck medical oncology d) Maxillofacial prosthetics e) Oncologic nutrition f) Head and neck diagnostic radiology and nuclear medicine g) Speech and language rehabilitation h) Head and neck reconstruction i) Paranasal sinus malignancy

		<ul style="list-style-type: none"> j) Head and neck melanoma k) Skull base neoplasms l) Head and neck sarcoma m) Non-melanoma skin cancer n) Salivary gland neoplasms o) Oral cavity cancer p) Partial laryngeal surgery q) Laryngeal cancer r) Role of neck dissection s) Oropharyngeal cancer t) Hypopharyngeal cancer u) Cervical esophageal cancer v) Thyroid and parathyroid neoplasms w) Morbidity and mortality conferences x) Journal clubs y) Clinical research protocol
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Introduction:

Head and neck cancers are mostly managed at specialized cancer centres and medical colleges in India. The training in head and neck surgery during postgraduate courses, in general surgery or ENT is often not adequate to manage specially cancer patients. Dedicated certificate course training is necessary to produce more head and neck surgeons capable of treating these common cancers.

Aim

The aim is to provide the training foundation for those individuals dedicated to careers in head and neck surgery through training in the areas of interdisciplinary management, complex head and neck 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. .

I. Educational Objectives

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

The certificate course programme will be a one year course.

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

The trainee will be full time resident of the institution (KGMU, Department of Surgery) and will perform the duties and responsibilities of a full time surgeon in the department.

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

- a) Expertise in the multidisciplinary management of patients with head and neck cancer.
- b) Comprehension of head and neck 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.
- e) Knowledge and/or skills in micro vascular free flap reconstruction.
- f) 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.
- 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 Course

- a) The fellow must participate in the evaluation, management and care of a minimum of 50 head and neck neoplasm cases.
- b) Participation in a minimum of 50 surgical procedures, representing the full scope of head and neck surgical oncology.
- c) Intensive exposure to the interdisciplinary management of head and neck oncologic patients.
- d) Participation in the development and implementation of head and neck oncologic research.

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 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.

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.
It will consist of a) 2 theory papers (50 x 2 = 100 marks) b) Clinical case discussion (50 x 2 = 100 marks)