

HOSPITAL BASED CANCER REGISTRY

Department of Epidemiology and Biostatistics (DEB)
Kidwai Memorial Institute of Oncology, Bangalore

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Kidwai Memorial Institute of Oncology (KMIO) is a comprehensive centre for Cancer Research and Treatment, situated at Bangalore- the capital city of Karnataka with state-of-the-art facilities for diagnosis, treatment and research. It is an autonomous, non-profitable Institution supported with grants from Govt. of Karnataka and Philanthropists. The hospital has in-patient bed strength of 640 apart from the Dharmashala - a unique project of its kind in the country providing accommodation to about 250 ambulatory cancer patients along with 250 patients' attendants. These patients and attendants at Dharmashala are provided with free food through the Perpetual Free Feeding Endowment Donation Scheme. On an average, 700 patients attend this hospital every day for their follow-up treatment.

The hospital consists of departments like Surgical Oncology, Head & Neck Oncology, Oral Oncology, Gynaecologic Oncology, Anaesthesiology, Medical Oncology, Paediatric Oncology, Radiation Oncology, Palliative Medicine, Radio-Diagnosis, Radiation Physics, Nuclear Medicine, Pathology, Cytology, Biochemistry, Microbiology, Blood Transfusion & Immuno-Haematology, Community Oncology, Epidemiology and Biostatistics, Administration, Nursing, Public Relations, Social Welfare, Library & Information Centre and supportive care facilities - Physiotherapy, Stoma Clinic, Speech Therapy, Clinical Psychology and Others.

KMIO offers super speciality courses in Surgical Oncology (M.Ch.), Gynaecological Oncology (M.Ch.), Medical Oncology (D.M), Postgraduate courses in Radiotherapy (M.D.) which are recognised by Medical Council of India. Besides Diploma courses in Radiotherapy (DMRT), fellowship programmes are offered in the specialities of Head and Neck Oncology, Oral Oncology, Paediatric Oncology, Onco Pathology and Palliative Care. Postgraduate courses are offered in Nursing and Radiation Physics. Undergraduate courses (B.Sc.) in Allied Health Sciences (M.LT, IT/RT & OT/AT) are also offered and these courses are affiliated to the Rajiv Gandhi University of health Sciences (RGUHS). D.N.B courses are offered in Anaesthesiology, Pathology and Radio Diagnosis. Many Clinical/Paraclinical departments offer Ph.D. Programmes under RGUHS. KMIO has been recognised as a Centre of Excellence by the WHO/IARC/ICMR for imparting training in various branches of oncology to medical and paramedical staff from different centres in the country.

The Department of Community Oncology in collaboration with various Governmental and Non-Governmental Organisations conducts cancer education and detection camps in rural and semi urban areas of the State and in the neighbouring areas of other states also.

The Institute offer cashless treatment facility (upto Rs.1.5 lakh) for patients holding Below Poverty Line Ration Cards (BPL) under Suvarna Arogya Shree Trust – Vajapayee Scheme and for patients who cannot afford treatment, at highly subsidised rates. Patients from all over Karnataka as well as from the

adjoining areas of neighbouring states of Andhra Pradesh, Tamilnadu, Kerala and other regions attend this hospital. Of the total cases registered every year, about 20% are from outside Karnataka.

Cancer Registration system at KMIO has been in existence since the inception of this Institute in June 1973. However, the Indian Council of Medical Research has included the Hospital Based Cancer Registry and Population Based Cancer Registry in its network of the National Cancer Registry Programme from the year 1984 and 1982 respectively. Since then, these registries are sending data in the pre-devised format on all cancer patients to the technical wing of the NCRP. The HBCR records more than 18,000 new cancer cases annually. The first part of the core proforma - namely, identifying information and socio-demographic details of the patients is entered into the computer at the time of registration at KMIO as new cases. The second part – namely, diagnostic and treatment details are abstracted later from the case records. The completed proforma are then scrutinised by the senior staff of the registry in consultation with the medical faculty, wherever necessary. Data entry and consistency checks are done using HBCRDM software provided by the NCRP.

The HBCR has initiated a special study namely Patterns of Care and Survival Studies on Breast, Cervix and Head & Neck Cancers from the year 2006 supported by National Cancer Registry Programme of the ICMR. During the period 2012, a total number of 17617 new patients registered, of which 8687 cases were confirmed to have cancer. The proportion of cancers in females were higher and accounted for 55.1% (4790) of total cancers compared to 44.9% (3897) in males.

Staff of Registry

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| Senior Investigator/Scientific Assistant: | Mr D.J. Jayaram |
| Research Officer | : Mr T. Venkatesh |
| Assistant Social Scientists | : Mr V. Bhadriah |
| | Mr R. Lingaraju |
| | Mr M.K.M. Gowda |
| | Mrs B.J. Kumudhini |
| | Mr M.R. Bala Krishnoji Rao |
| Statistical Assistant | : Mr K. Venkatesh |
| Coding Clerk | : Mr A. Subramani |
| Second Division Assistant | : Smt H.N. Shobha |
| Data Entry Operator | : Mr C. Kumar |
| Attender | : Mr Kantharaj |