

## **DISTRICT CANCER REGISTRY, KOLLAM, KERALA** **(Regional Cancer Centre, Thiruvananthapuram, Kerala)**

### **Dr Paul Sebastian**

Principal Investigator & Director, RCC, Trivandrum

### **Dr P. Jayalekshmi**

Co-Principal Investigator & Officer-in-Charge, District Cancer Registry

The District Cancer Registry Kollam, Kerala, India initiated in 01-01-2006 is an extension of a special purpose rural cancer registry started on 01-01-1990 to study the effect of radiation on cancer in Karunagappally taluk of Kollam district. This is the first population based cancer registry in Kerala and the second rural registry in India. This registry caters to an area of 2491 sq. km. and a population of 25,85,208 as per 2001 census. The major religions are Hindus (65.2%), Christians (16.4%) and Muslims (18.3%). Major occupations are fishing, cashew processing and coir making.

There is no dedicated cancer diagnostic or treatment facility in this area. There are Medical practitioners and hospitals both in Pvt. and Govt. sector where people can approach for health care. Health facilities are provided by workers of Health & Family Welfare and National Rural Health Mission.

Cancer registration is voluntary and the method adopted is active case finding covering more than 200 data sources mainly medical colleges, hospitals, pathological labs, etc. Mortality information on all deaths is collected from corporation, municipalities and panchayats.

The core proforma is filled after which the data is entered into the computer. Following this the data is processed and submitted to NCRP for final checks and table preparations.

The registry data is utilised for implementing cancer control and cancer patient support services. The data of Karunagappally taluk has thrown light on the effect of natural radiation on cancer.

#### **Staff Members**

Senior Investigators	:	<b>Mrs R. Jyothisree, BSc, DPCS (NCVT)</b> <b>Mrs M.L. Geetha, B.Sc</b>
Research Assistant & Computer Programmer	:	<b>Mr K. Harikrishnan, BSc, PGDCA.</b>
Junior Field Investigators	:	<b>Mrs S. Reeja, BSc, BEd</b> <b>Mrs M. Salila, BSc</b> <b>Ms S. Soumya, BCom</b> <b>Mrs R. Ajitha, BSc</b> <b>Mrs K. Jayasree, BSc</b> <b>Mrs Lalitha Bhai, MSc</b>
Data Processing Assistant	:	<b>Mrs R. Sandhya, BSc, COPA (NCVT)</b>
Data Entry Operator	:	<b>Mrs K. Beena, Pre-Degree, COPA (NCVT)</b>

**Main Sources of Registration of Incident Cases of Cancer: 2009-2010****Kollam**

<b>Name of the Institution</b>	<b>Number</b>	<b>%</b>
Regional Cancer Centre, Thiruvananthapuram	1979	30.4
Medical College, Thiruvananthapuram	1720	26.4
Vital Statistics Division of 71 Panchayats in Kollam District	270	4.2
Holy Cross Hospital, Kottiyam	242	3.7
Amrita Institute of Medical Science, Ernakulam	236	3.6
E.S.I Hospital, Asramam	219	3.4
Benziger Hospital, Kollam	195	3.0
District Hospital, Kollam	192	3.0
Medical College, Alappuzha	101	1.6
Nair's Hospital, Kollam	74	1.1
Sankers Hospital, Kollam	74	1.1
S.C.T., Thiruvananthapuram	70	1.1
T.H.Q.H., Karunagappally	62	1.0
T.H.Q.H., Kottarakkara	62	1.0
Others	1007	15.5
<b>Total</b>	<b>6503</b>	<b>100.0</b>

- 1. Institutions listed have registered at least one percent of all cases in the registry for the combined years 2009-2010.*
- 2. The numbers and proportion listed are the minimum number of cases. Institutions could have registered/ reported more cases, since duplicate registrations and non-resident/registry cases are not included.*