

POPULATION BASED CANCER REGISTRY, NAGALAND

Naga Hospital Authority, Kohima

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The Population Based Cancer Registry, Nagaland was established in June 2009 at Naga Hospital Authority, Kohima under the Department of Pathology and functioning under the National Cancer Registry Programme (NCRP) of the Indian Council of Medical Research (ICMR) with the main objective to provide base line information for identifying cancer cases from all over the state, carry out epidemiological research on cancer and generate reliable morbidity and mortality data on cancer in the state.

The Registry covers Kohima and Dimapur districts. Most of the patients from the other districts come to these two main districts for treatment, management and referral outside the state. Method of collection of data is through active registration. Information on cancer cases is obtained from the government hospitals, private institutions, nursing homes, diagnostic labs, churches and prayer houses. The staff visit the various sources of registration to interview each cancer patient as well as those suspected of having cancer and their socio-demographic details are collected. Later, the case records of these patients are obtained to extract information on clinical items such as method of diagnosis, stage of the disease, site of cancer, treatment details etc.

Cancer patients referred for treatment outside by the concerned doctors are directed to the PBCR for their referral notes, whereby these cases are registered simultaneously. In this way, patients are directly interviewed and information as to where the patients are going for their treatment is obtained.

A cancer registration format is also kept in all the registry sources, whereby the staff interview the cancer patients who are undergoing treatment or are being investigated for cancer. Case records maintained by these sources are examined whereby the available records of these patients are obtained for further follow-up with the patients directly or for verification with the concerned doctor and all the information is then cross-checked for completeness of data. Care is taken to prevent duplication of an entry relating to a patient already registered. From the available case files, detailed information of investigation and treatment are entered in the core proforma and coded according to ICD-0-3 and ICD-10.

Cancer Mortality data is collected from the different sources of registration, the office of the Birth & Death under the Department of Economics & Statistics, cemeteries, crematoriums and mostly from the obituaries published in the various local papers. However, cancer mortality data is limited due to lack

of proper maintenance of mortality data in the office of Birth & Death, inadequate information and non-maintenance of registers in the public cemeteries/crematoriums etc.

List of PBCR Staff

Research Scientist	:	Dr Loso Chalai
Programmer	:	Mr Nothutso Khamo
Statistician	:	Ms Melevolu Hiese
Social Investigators	:	Ms Bendangnaro Walling Mr Neithovilie Keyho Ms T. Katonili Zhimomi Mr Mezhúkhriezo Mepfhúo
Field Worker	:	Mr Khrowepe Sarah Mr Rukuvo Sakhamo
Data Entry Operator	:	Ms Kewenyilo-ú Kapfo

Main Sources of Registration of Incident Cases of Cancer: 2010
Nagaland

Name of the Institution	Number	%
ZION	92	28.0
NHAK	86	26.2
Cancer Atlas	39	11.9
District Hospital	27	8.2
Diagnostic	27	8.2
Oking	22	6.7
Referral	14	4.3
Max Care	11	3.4
Bethel	8	2.4
Others	2	0.6
Total	328	100.0

- 1. Institutions listed have registered at least one percent of all cases in the registry for the year 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.*