

POPULATION BASED CANCER REGISTRY, ARUNACHAL WEST

Arunachal State Hospital: Naharlagun

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The Population Based Cancer Registry (PBCR) located in the department of pathology, Arunachal State Hospital (formerly called General Hospital), Naharlagun started functioning from 1st January 2011. The registry covers eight districts of western zone of Arunachal Pradesh which has an approximate population of 7,59,794 as per 2011 census report.

Arunachal Pradesh “The land of Dawn lit Mountains” is situated at the north-east extremity of the country. Geographically, Arunachal Pradesh is bounded by Bhutan to the west, China to the north and northeast and Myanmar to the east. It shares interstate boundary with Nagaland in the east and southeast and Assam in the south. It has total area of 83,743 sq km and has population of 10,97,968 persons as per 2001 census.

District-wise Population

| Names of the Districts | Population | | |
|------------------------|---------------|---------------|---------------|
| | Males | Females | Total |
| Tawang | 29361 | 20589 | 49950 |
| West Kameng | 49568 | 37445 | 87013 |
| East Kameng | 38974 | 39439 | 78413 |
| Kurung Kumey | 44226 | 45491 | 89717 |
| Lower Subansiri | 41935 | 40904 | 82839 |
| Upper Subansiri | 41974 | 41231 | 83205 |
| West Siang | 58589 | 53683 | 112272 |
| Papumpare | 90447 | 85938 | 176385 |
| Total | 395074 | 364720 | 759794 |

Sources of Registration of Cancer Cases

Public / Private

- 1 General Hospital, Naharlagun
- 2 District Hospital, Tawang, Aalo, Bomdila
- 3 District Hospital, Bomdila, Seppa, Daporijo
- 4 State Referral Authority
- 5 All Community Health Centres
- 6 Ramakrishna Mission Hospital, Itanagar
- 7 Heema Hospital, Itanagar
- 8 Niba Hospital, Pappu Nallah, Naharlagun
- 9 BTM Hospital, Naharlagun
- 10 General Hospital, Pasighat

Private Laboratories

- 1 Ambeelab, Itanagar
- 2 Frontier Diagnostic Centre, Naharlagun
- 3 Capital Diagnostic Centre, Naharlagun
- 4 Hormin Diagnostic Lab, Naharlagun
- 5 N.R. Diagnostic Lab, Naharlagun
- 6 Mediscan Arunachal, Naharlagun

- 7 NIBA Clinic, Naharlagun

List of Source / Institution Outside PBCR

- 1 B.B.C.I, Guwahati
- 2 Guwahati Medical College, Guwahati
- 3 Tata Memorial Hospital, Mumbai
- 4 Apollo Hospital, Chennai
- 5 Apollo Hospital, Delhi
- 6 Christian Medical College, Vellore
- 7 Assam Medical College, Dibrugarh
- 8 Cancer Centre Welfare Home, Thakurpukur, Kolkata
- 9 North East Cancer Hospital and Research Institute, Guwahati
- 10 AIIMS, New Delhi
- 11 Super Religare Laboratories Ltd, Mumbai
- 12 Dr. Lals Pathlabs, New Delhi
- 13 Civil Hospital, Tezpur
- 14 Christian Baptist Hospital

The registration of cancer incidence cases is done by active registration as cancer is not a notifiable disease. The state's referral hospitals, nursing homes and private pathological laboratories of the capital, district hospitals and birth and death records office are the sources of data collection. In absence of comprehensive cancer treatment centre in our state most of the cases are referred out of the state for treatment. In view of this, we have established contacts with B. Borooah Cancer Institute, Guwahati, Assam Medical College Dibrugarh, Tata Memorial Hospital Mumbai, where majority of our cancer patients go for treatment and we are getting full cooperation from them. We also conduct direct interviews with the patients and their relatives to collect the necessary information.

Mortality data is collected from the death registers maintained in the hospitals, obituary references/press releases of the newspapers and active follow up through telephone. Since there are no established crematoria in the state and different communities have their own system of disposing dead bodies, we mainly get death reports through regular telephonic contact. All cause mortality data from the department of Economics and Statistics is also collected. As the state has very difficult terrain and villages are scattered with difficult road communication, house visits are not feasible in the view of the vastness in area.

Our Registry is in its infant stage and has just completed one year of data collection. We are striving to develop strategies specific to our state.

Population Based Cancer Registry (PBCR), Naharlagun would like to thank National Cancer Registry Programme (NCRP) for including us in the PBCR network. We also acknowledge the support of the Department of Health & Family Welfare, Government of Arunachal Pradesh, Doctors of Arunachal State Hospital Naharlagun, Ramakrishna Mission Hospital Itanagar, private nursing homes, private laboratories, B. Barooah Cancer Institute Guwahati, Tata Memorial Hospital Mumbai and Assam Medical College Dibrugarh for their kind support.

Name of the Registry Staff

| | | |
|--------------------------|---|---------------------|
| Mr Jigonso Tawsik | : | Computer Programmer |
| Ms Hage Ampa | : | Social Investigator |
| Ms Habung Pampi | : | Social Investigator |
| Ms Ngilyang Otung | : | Statistician |
| Mr Rontu Chena | : | Data Entry Operator |