

BARSHI EXPANDED REGISTRY
(Osmanabad & Beed District)
Nargis Dutt Memorial Cancer Hospital, Barshi
In collaboration with
National Cancer Registry Programme (ICMR)

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The Rural Registry is established in 1987. As we have been interacting with the Registry population for more than two decades, the cancer awareness has increased and now the literacy rates have also improved. We have reduced the Registry inputs since 2004 and expanded the registry area to cover Osmanabad & Beed District, by following Atlas methodology. Collection of data started from 2007.

Area Covered

The registry covers two districts Osmanabad & Beed with a total population of about 4.2 million in 19 tehsils spread over 18262 km². The district is located on the eastern side of Marathwada region of Maharashtra state. Most of the population is Hindu (96%), Muslims form 3% and other religious groups form 1%. The registry is funded by the Indian Council of Medical Research, New Delhi.

Sources of Registration

Nargis Dutt Memorial Cancer Hospital, Barshi has one of the major diagnostic and treatment facilities for cancer patients from both Osmanabad and Beed districts. Nearly about 40% cases were registered through this source. The registry staff interview patients and transmit the data online to NCRP. SRTR Medical College and Hospital at Ambejogai is another major source. Nearly about 20% cases are registered through this source and 35 to 40% cases of Beed District attend this Hospital. With the help of Administration of Medical College we have established our registry in college campus. The Registry has already appointed one Social Investigator. He is collecting cancer patient information from all departments. We have installed a computer & Internet facility at SRTR Medical College. We are using the login ID and password provided by NCRP to transmit the data online. The registry staff is collecting data from all other medical institutes, Pathology department and cancer centre from adjacent districts and the number of such sources is about 150.

Cancer Detection Clinic

We are covering Beed district which includes 11 tehsils. This is a big district and the methodology employed is not enough to complete the cancer registration because cancer awareness is low in the

community. To improve the cancer awareness and cancer registration we are conducting awareness clinics with the help of NGO in the Beed District at periodic intervals. All expenses of clinics including medicines, advertisement programmes, staff accommodation, lunch etc. are borne by NGO.

Cancer Mortality

Mortality data collection is the most difficult task in the rural area as deaths are not generally medically certified, hence all cause mortality data are unavailable. The death information is collected from municipal corporation, Govt. Hospital and all other major hospitals. We have taken extra efforts to collect the mortality data by phone calls to relatives, PHC health workers, Anganwadi workers and ASHA workers. Finally all deaths are matched with the incidence records. By this effort, we have achieved 26.4% of M/I% ratio.

Main Sources of Registration of Incident Cases of Cancer: 2012 Barshi Expanded

Name of the Institution	Number	%
Barshi Cancer Hospital	768	37.8
SRTR Medical College, Ambejogai	362	17.8
Shri. Path. Lab (Dr Jadhav) / Civil Hospital, Beed	124	6.1
Tata Memorial Centre, Bombay	73	3.6
Dekhane Pathology Lab, Solapur	60	3.0
ICS-Poona Registry Non / Resi, Bombay	60	3.0
Krishna Path. Lab., Latur	51	2.5
Pravara Hospital Loni, Ahemadnagar	51	2.5
Sidheshwar Cancer Hospital, Solapur	42	2.0
Aradhya Pathology Lab, Solapur	33	1.6
Dr A.S. Kothari Hospital, Barshi	31	1.5
Kamal Nayan Bajaj Hospital, Aurangabad	29	1.4
Dhoot Hospital, Aurangabad	28	1.4
Camp, Barshi	26	1.3
Civil Hospital (Ghati Hospital), Aurangabad	25	1.2
Kahate Pathology Lab, Solapur	24	1.2
Dr Shinde Path, Ahemadnagar	22	1.1
Yashodhara Hospital, Solapur	22	1.1
Dr Kelkar Path. Lab, Solapur	20	1.0
Others	181	8.9
Total	2032	100.0

1. Institutions listed have registered at least one percent of all cases in the registry for Selected Year.
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.