

POPULATION BASED RURAL CANCER REGISTRY, BARSHI (Barshi, Paranda and Bhum)

Tata Memorial Hospital, Mumbai
Nargis Dutt Memorial Cancer Hospital, Barshi
(Dist: Solapur) Maharashtra State

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The rural cancer registry: Barshi, Paranda & Bhum, which was set up in 1987, is the first rural cancer registry in the country and is situated in the campus of Nargis Dutt Memorial Cancer Hospital (NDMCH). The registry covers a total population of about 0.5 million in 346 villages spread over 3713 km². Village is the basic administrative unit in rural areas. Most of the population is Hindu (96%). Muslims form 3% and other religious groups form 1% of the total population. The registry is jointly funded by the Tata Memorial Centre, Mumbai and the Indian Council of Medical Research, New Delhi. The diagnostic and treatment facilities are provided by NDMCH with technological support from Tata Memorial Hospital, Mumbai.

The special methodology adopted in Barshi was useful not only to assess the cancer burden but also to develop and assess cancer control activities in the region. The registry has resulted in obtaining good quality data and in case seeking medical attention for early stage. The innovative methodology has facilitated the process of cancer registration in rural areas. It has created a positive impact on cancer control activities. The registry has created resources for epidemiological studies.

The Registry data are utilised for many cancer control activities, including evaluating screening programmes and conducting population based survival studies. Etiological studies (case control, cohort etc.) are also currently being undertaken.

Registry Staff

Research Co-ordinator	:	Mr N.S. Panse
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Research Fellow	:	Dr F.Y. Khan
Social Researchers	:	Mr N.P. Gaikwad Mr T.S. Dudhankar Mr B.D. Honmane Mr N.D. Padwal Mr S.R. Korale

Main Sources of Registration of Incident Cases of Cancer: 2012-2014
Barshi Rural

Name of the Institution	Number	%
Barshi Cancer Hospital	392	42.2
Dr A.S. Kothari Path Lab.	109	11.7
Dekhane Pathology Lab.	53	5.7
Camp	52	5.6
Jadgale Mama Hospital	38	4.1
Ruby Hall & Other Hospital Pune	36	3.9
Home Visits Live Cases	30	3.2
Other Hospitals Pune	27	2.9
Dr Patil Pathology Lab.	25	2.7
Pushpan Ultrasonography Clinic	21	2.3
Ashwini Sahakari Rugnalya	21	2.3
Potdar Lab Solapur	20	2.1
Tata Memorial Centre	11	1.2
Other Hospital Bombay	11	1.2
Dr Kelkar Path. Lab	10	1.1
Others	73	7.8
Total	929	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.*