

POPULATION BASED RURAL CANCER REGISTRY, BARSHI (BARSHI, PARANDA & BHUM)

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

Dr R.A. Badwe, Principal Investigator

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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. The registry covers a total population of about 0.5 million in 346 villages spread over 3713 km². The village is the basic administrative unit in rural areas. Most of the population is Hindu (96%), Muslims form 3% and other religious groups 1%. 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 suited to rural condition was worked out, Cancer awareness motivation and early detection and involvement of community in case finding is a part of the methodology. The number of sources covered for data collection is 75 and farthest source is 400 kms away. However 60% of cases are registered from NDMCH and 6 to 9% cases are registered through detection clinic to which the field investigators generally refer the suspected cases. Information on deaths is collected from village death records and also directly from the local community (during village visits). As deaths are not generally medically certified, relatives of all deceased are contacted to collect relevant information to assist in 'follow back' to the medical records in the treating hospital or physician to identify proven cancer cases.

We have been interacting with the Registry population for more than two decades and have observed that cancer awareness has increased and the literacy rates have also improved. We have expanded the registry area to cover Osmanabad & Beed District with the help of the existing registry staff.

Registry Staff

Registry Manager	:	Mr N.S. Panse
Record Clerk	:	Mr S.R. Mathapati
Medical Record Supervisor	:	Dr F.Y. Khan
Field Investigators	:	Mr N.P. Gaikawad
		Mr T.S. Dudhankar
		Mr B.D. Honmane
		Mr N.D. Padwal
		Mr S.J. Hingmire

Main Sources of Registration of Incident Cases of Cancer: 2009-2010
Barshi Rural

Name of the Institution	Number	%
Barshi Cancer Hospital	279	48.5
Dr. A.S. Kothari Path Lab	79	13.7
Dr. Patil Pathology Lab	55	9.6
Ruby Hall and Other Hospital Pune	29	5.0
Camp	28	4.9
Jadgale Mama Hospital	23	4.0
Aradhaya Pathology Lab	11	1.9
Home Visits Live Cases	10	1.7
Civil Hospital and V.M. Medical College	8	1.4
Dekhane Pathology Lab	6	1.0
Ashwini Sahakari Rugnalya	6	1.0
Other Hospital Bombay	6	1.0
Others	35	6.1
Total	575	100.0

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.*