

HOSPITAL BASED CANCER REGISTRY

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SKIMS, commissioned in 1982, is one of the premier medical centres of India engaged in providing quality patient care, medical education and need based biomedical research. SKIMS was designated as an “Island of Excellence” providing an intellectual milieu, where the young physicians and scientists from the multiple disciplines of medicines can render services to the sick and also realize their creative ability through need oriented research and postgraduate medical education. SKIMS by virtue of an Act passed by the J&K State legislative in the year 1983 has been granted status of a Deemed University. All the treatment specialities like Medical Oncology, Surgical Oncology, Clinical Haematology, Nuclear Medicine, Medical Physics and other supportive departments have been effectively functioning to cater a huge rush of patients. Postgraduate teaching programme (M.D Radiotherapy) was started in the department in 1986 and till now more than 40 students have completed post-graduation. DM in Medical Oncology is also being conducted efficiently. The Department of Radiotherapy has been maintaining a departmental cancer registry since its inception in 1983. The institute has been upgraded to the status of Regional Cancer Centre in year 2007. The Hospital Based Cancer Registry has been registered with National Cancer Registry Programme (NCRP) in year 2011. Patterns of Care and Survival Studies (POCSS) research project has been started in year 2014. Since then the cancer data are being transferred to NCRP web server online on regular basis.

Staff of Registry

Research Scientist	:	Dr Aqib Jalal
Statistician	:	Mr Nazir Ahmad Dar
Social Workers	:	Ufera Nabi Isha Malik Dr Saliha Irfan Shaista Pandith
Data Registry Staff	:	Kuldeep Singh Raina Summiya Manzoor Saika Nazir

Table B.1 gives the total number of new cancers registered in hospital during the period of three years from 1st January 2012 to 31st December 2014. Accordingly, there were 9144 new cancers registered (5320 males and 3824 females).

Table B.2 indicates the number and proportion of specific sites of cancer associated with use of tobacco relative to all cancers.

The basis of diagnosis of cancers registered is shown in Table B.3. The proportion of microscopic confirmation was around 99% in both sexes.

Table B.4 shows the details of microscopically verified cancers. More than 98% of patients were diagnosed by primary histology.

Table B.5 gives the number and relative proportion of cancer patients in diverse clinical extent of disease before treatment at the time of registering at the RI.

Table B.6 gives the number and relative proportion of cancer patients according to different treatment modality.

Table B.1: Number (#) and Proportion (%) according to Sex and Sex Ratio Percent

Males		Females		Sex Ratio	Total Cases
#	%	#	%		
5320	58.2	3824	41.8	139	9144

Table B.2: Number (#) and Proportion (%) of Tobacco Related Cancers (TRC) Relative to All Sites of Cancer

Sites of Cancer	Males		Females	
	#	%	#	%
Lip	6	0.1	1	0.0
Tongue	17	0.3	18	0.5
Mouth	19	0.4	14	0.4
Oropharynx	1	0.0	1	0.0
Hypopharynx	24	0.5	6	0.2
Pharynx	3	0.1	2	0.1
Oesophagus	597	11.2	461	12.1
Larynx	60	1.1	9	0.2
Lung	924	17.4	287	7.5
Urinary Bladder	71	1.3	12	0.3
TRC	1722	32.4	811	21.2
All Sites	5320	100.0	3824	100.0

Table B.3: Number (#) and Relative Proportion (%) of Cancers Based on Different Methods of Diagnosis

Method of Diagnosis	Males		Females	
	#	%	#	%
Microscopic	5306	99.7	3798	99.3
All Imaging Techniques	4	0.1	10	0.3
Clinical	-	-	2	0.1
Others	2	0.0	4	0.1
Unknown	8	0.2	10	0.3
Total	5320	100.0	3824	100.0

Table B.4: Number (#) and Relative Proportion (%) of Cancers Based on Different Types of Microscopic Diagnosis

Types of Microscopic Diagnosis	Males		Females	
	#	%	#	%
Primary Histology	5243	98.8	3763	99.1
Secondary Histology	25	0.5	12	0.3
Primary Cytology	7	0.1	3	0.1
Secondary Cytology	1	0.0	1	0.0
Blood Film	3	0.1	-	-
Bone Marrow	27	0.5	19	0.5
All Microscopic	5306	100.0	3798	100.0

Table B.5: Number (#) and Relative Proportion (%) of Cancer Patients according to Clinical Extent of Disease (Excluding Patients Previously Treated)

Clinical Extent	Males		Females	
	#	%	#	%
Localised (L)	1042	29.1	803	35.0
Regional (R)	852	23.8	511	22.3
L+R	1894	52.9	1314	57.3
Distant	1270	35.5	715	31.2
Others	171	4.8	114	5.0
Unknown	245	6.8	149	6.5
All Stages	3580	100.0	2292	100.0

Table B.6: Number (#) and Relative Proportion (%) of Cancer Patients according to Any Specific Treatment Relative to All Treatment Procedures (Treatment Only at RI)

Treatments	Males		Females	
	#	%	#	%
Any Surgery	289	10.7	358	18.8
Any Radiotherapy	929	34.4	591	31.0
Any Chemotherapy	1462	54.1	906	47.6
Any Hormone Therapy	9	0.3	31	1.6
Any Others	11	0.4	19	1.0
Total	2700	100.0	1905	100.0