

National Annual Health Review 2073/74



**BP Koirala Memorial Cancer Hospital
Nirmal Lamichhane, M Ch
Deputy Director**

Hospital Beds

Description	Total
Sanctioned Beds	100
Operational Beds	194
Total inpatient beds including surgical /medical/RT	115
Postoperative ward	10
Daycare service	34
Emergency Department	10
Other (Palliative care)	15
Blood Transfusion Center	10
New facility with operation theatre and bone marrow transplant under construction	200 beds+8 ORs

Hospital Development Committee

Description	
1. Number of meetings held in 2073/74	13
2. Financial Information	Amount (NPR)
<i>2.1. Balance @ end Asaar 2073</i>	
<i>2.2. Income (service fees, rent, donation etc.)</i>	69,86,45,484.00
<i>2.3. Expenses</i>	81,36,72,925.00
<i>2.4. Balance @ end Asaar 2074</i>	
<i>2.5. Details of any donation received, gift in kind</i>	
<i>University research collaboration grants Donations from persons</i>	

Finance: *Operating Budget*

Budget	Budget Allocated	Budget Released	Budget Expenditure	Irregularities (BERUJU) (.000)		
				Amount	Clearances	% Clearances
Capital	71,50,43,000	29,00,00,000	29,14,33,333	488860	33525	6.86%
Recurrent	55,37,00,000	27,05,00,000	52,22,39,592			
Total	1,26,87,43,000	56,05,00,000	81,36,72,925	Irregularities date up to 074 Ashadh		

Any comments:

HUMAN RESOURCE

Category	Sanctioned	Filled		Total	Vacant %
		Permanent	Contracted		
Speciaist Doctors	54	49	9	58	
Medical officers	20	0	19	19	5%
Public health officers	3	2	1	3	
Medical physicists	5	3	1	4	
Nursing staff	158	158	6	164	
Technologist/technicians	67	52		52	22%
Medical Recorders	1	1	1	2	
Others (admin/supp)				290	
Total				592	

Doctors in the hospital

Category	SPECIALITY	Total
Speciaist Doctors	surgical oncology	24
	medical oncology	5
	radiation oncology	11
	radiology	6
	pathology	7
	anesthesia	5
Medical officers		19
Total		77

Hospital Services

Services (In Number)		2071/72	2072/73	2073/74
OPD New Cases		26043	24487	36794
Follow up cases		86433	89312	57245
Emergency Visits		13092	14660	31574
Inpatients Admitted		4599	5004	4548
Total Hospital Deaths		110	120	63
Radiation therapy	Teletherapy	1912	1931	1491
	Chemotherapy	3729	3802	2700
	Brachytherapy	903	871	0
Surgery	Major	2040	1891	1939
	Minor	1226	1062	516
Chemotherapy	Inpatient	1487	1786	1394
	Day care service	6688	14625	9797
Others	Stoma care	2475	2118	1845
	Palliative care	1530	1416	1041+42 (Home)

OUT PATIENT AND INPATIENT TRENDS IN CONSECUTIVE YEARS

Figure 1 : Number of Out Patients (1999-2015)

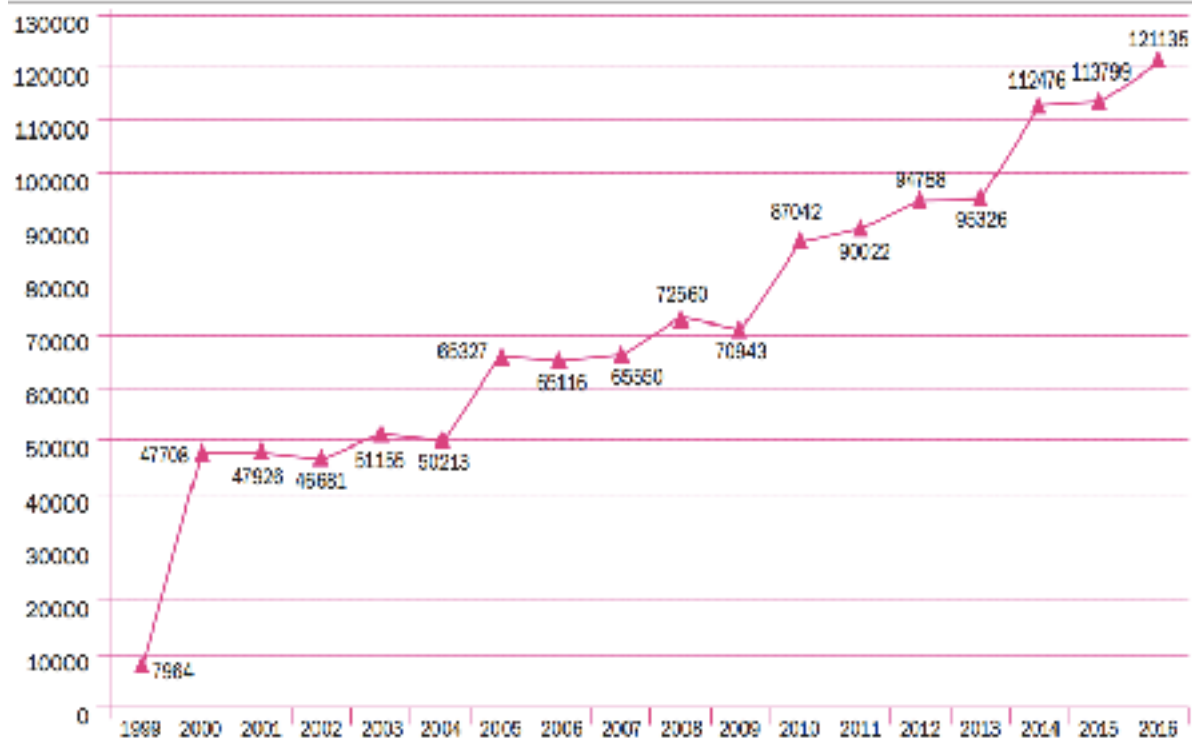


Figure 2 : Number of In Patients (1999-2016)



Diagnostic/Other Services

Diagnostic/Other Services	Unit	2071/72	2072/73	2073/74
X-ray	Number	11418	11702	12768
Ultrasonogram (USG)	Number	5523	8481	9171
CT	Number	4598	692	2882
MRI	Number	151	994	596
Mammogram	Number	0	0	210
Nuclear Scans	Number	0	0	111
Electrocardiogram (ECG)	Number	4274	4503	4752
NPL	Number	1227	1132	1615
Endoscopy	Persons	1112	1053	1154
Colonoscopy	Persons	242	349	360
Bronchoscopy	Persons	769	708	906
cystoscopy	persons	150	139	703

Diagnostic/Lab Services

Diagnostic/LAB Services	Unit	2071/72	2072/73	2073/74
Haematology	tests	243215	190372	236743
Biochemistry	tests	310943	218976	293031
Tumour markers	tests	9319	7547	8834
Microbiology	tests	847	937	1635
Histopathology	tests	4766	4497	5006
Immunohistochemistry	tests	864 ab	116/821ab	210/1534ab
FNAC	tests	6141	2747	3342
Exf cell cytology (PAP/LBC/others)	tests		5545	3807
Flowcytometry	tests	51	23	52
Total Laboratory service Provided	tests	576146	431492	553984

Total Patients Served by Social Service in FY 2073/74

Target Group	Number		
	Female	Male	Total
Ultra Poor and Poor			
Helpless			
Person with Disability			
Senior Citizen (Above 70)			642
Pediatrics (Below 14)			206
Cancer Welfare help	889	1009	1908
Total			2756

only taken diagnosed cancer patients who received care

Impoverished Citizen (*Bipanna Nagarik*) Treatment Fund: FY 2073/2074

Diseases	Patients Treated			Amount (Rs)
	Female	Male	Total	
Heart			since program started	
Kidney				
Cancer			16881	16,88,10,00,00
Spinal Injury				
Head Injury				
Parkinsonism				
Alzheimer's disease				
Sickle cell anemia				
Total				

Status of House Keeping Services

Activities	Poor	Satisfactory	Good	Remarks
Cleanliness of Hospital			X	
Maintenance of Hospital Premises			X	
Sanitation		X		
Health Care waste management		X		
Safe Drinking water			X	
Canteen		X		
Triage system		X		
Hospital Parking			X	
Hospital Garden			X	
Other (if any)				

Hospital Major Indicators

Indicators	2071/72	2072/73	2073/74
Bed occupancy rate	72	72	72
Average length of stay	7.2	7.2	7.5
Bed turn over rate	7.2%	7.2%	6.6%
Bed turnover interval			2.4
Infection rate among surgical cases			
Surgery related death rate (%)			
Death Rate among In-patients	2.5%	2.4%	1.4%
Doctor: In-patient Ratio	65:1	65:1	73:1
Doctor: Out patient Ratio	1606:1	1606:1	1954:1
Nurse: In-patient Ratio	42:1	42:1	28:1

Top 10 Morbidity and Mortality among Inpatients FY 2073/74

Morbidity FY 2073 / 74		Mortality FY 2073 / 74	
Top Ten Diseases among inpatients		Top Ten causes of Mortality among inpatients	
1.	Lungs	1.	
2.	Uterine cervix	2.	
3.	H&N	3.	
4.	Breast	4.	
5.	Stomah	5.	
6.	Gall bladder	6.	
7.	Hematological	7.	
8.	Ovary	8.	
9.	Liver	9.	
10.	Urianry bladder	10.	

HUMAN RESOURCE...

Issue	Action point (Activities)	Responsibility	Time
Deficiency of Doctors	Doctors hired in contract	Hospital Board	as required
Deficiency of Techs	Hired in contract	Hospital Board	As required
Deficiency of Nurses for New Ward	Hired in contract	Hospital Board	As required
Cleaning Staffs	For New Wards	Management	As Required

LOGISTICS

Issue	Action point (Activities)	Responsibility	Time
Annual Tender	PPMO for E-tender	Hospital Management	Annually
Other tenders	PPMO	Hospital Management	As needed
LINAC	PPMO	Hospital Management	Ordered

INFRASTRUCTURE

Issue	Action point (Activities)	Responsibility	Time
Maintenance of Buildings (leaking Roofs)	Coverings Applied	hospital management	ASOJ 2074
Up grading	New building needing internal furnishing	hospital management	6 months
Up grading	New ORs	hospital management	6 months

PUBLIC HEALTH RELATED ISSUES

Issue	Action point (Activities)	Responsibility	Time
Cancer related awareness	Cancer Prevention	Hospital Management	Throughout the year
Education	Cancer Prevention	Hospital Management	Throughout the year
Screening	Cancer Prevention	Hospital Management	Throughout the year
Research	All departments	Departments	Throughout the year

HOSPITAL SERVICES RELATED ISSUES

Issue	Action point (Activities)	Responsibility	Time
Daily OPD of all units	split in sub units	hospital management	2074
Major equipment repair	In house repair team building	hospital management	happening
Radiotherapy service long dates	need purchase of more equipment	hospital management	LINAC on purchase
Chemotherapy BEDS	New wards to be furnished quick	hospital management	ASAP

POLICY RELATED ISSUES

Issue	Action point (Activities)	Responsibility	Time
Monitoring	needed	MOH	time o time

Key Innovation

CT /MRI queue: EHS to staffs in off hours to increase numbers

RT queue: EHS to staffs in off hours to increase numbers

Overall EHS to be started in hospital to provide timely service.

Thank you