

(資 料)

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保 健 省 提 供 資 料

TOTAL NUMBER OF GRADUATES FROM PARAMEDICAL INSTITUTE
FOR FEMALES SINCE OPENING IN 1967 UNTIL
1980 ACCORDING TO YEAR OF GRADUATION

YEAR OF GRADUATION	PARA-MEDICAL INSTITUTE (RIYADH)	PARA-MEDICAL INSTITUTE (JEDDAH)	PARA-MEDICAL INSTITUTE (HUFFOF)	NURSING SCHOOL (JEZAN)	NURSING SCHOOL (TAIF)	TOTAL
1963/64	4	9	-	-	-	13
1964/65	-	3	-	-	-	3
1965/66	-	2	-	-	-	2
1966/67	-	3	-	-	-	3
1967/68	-	9	-	-	-	9
1968/69	-	3	-	-	-	3
1969/70	5	8	12	-	-	25
1970/71	5	10	6	-	-	21
1971/72	9	11	-	-	-	20
1972/73	22	27	5	-	-	54
1973/74	20	26	10	-	-	56
1974/75	28	20	5	10	-	63
1975/76	37	33	7	2	0	79
1976/77	20	31	7	6	-	64
1977/78	30	24	13	3	15	85
1978/79	6	9	5	12	3	35
1979/80	8	9	6	4	7	34
GROUND TOTAL	194	237	26	37	25	569

NUMBER OF TEACHERS IN PARAMEDICAL INSTITUTE
(FOR MALES AND FEMALES) AND NURSING SCHOOL
DURING THE SCHOOL YEAR 1980/1981

INSTITUTE OR SCHOOL	LOCATION	SAUDI	CON-TRACT	TOTAL
Paramedical Institute for Males	Riyadh	8	17	25
Paramedical Institute for Males	Jeddah	2	9	11
Paramedical Institute for Males	Safwa	1	8	9
Nursing School for Males	Makah	-	2	2
Paramedical Institute for Females	Riyadh	2	9	11
Paramedical Institute for Females	Jeddah	-	5	5
Paramedical Institute for Females	Huffof	4	4	8
Paramedical Institute for Females	Abha	-	12	12
Nursing School for Females	Jezaan	-	7	7
Nursing School for Females	Taif	-	7	7
Nursing School for Females	Kateef	-	5	5
TOTAL		17	85	102

NUMBER OF SCHOOL ROOM IN THE PARAMEDICAL INSTITUTES
FOR MALES AND FEMALES AND NURSING SCHOOL FOR FEMALES

INSTITUTE OR SCHOOL	LOCATION	NUMBER OF CLASS
Paramedical Institute for Males	Riyadh	13
Paramedical Institute for Males	Jeddah	5
Paramedical Institute for Males	Safwa	6
Nursing School for Males	Makah	3
Paramedical School for Females	Riyadh	3
Paramedical Institute for Females	Jeddah	2
Paramedical Institute for Males	Huffof	3
Paramedical Institute for Females	Abha	3
Nursing School for Males	Jeza	3
Nursing School for Males	Taif	2
Nursing School for Females	Kateef	4

PARAMEDICAL INSTITUTES (MALES AND FEMALES) SCHOOLS
FOR NURSING AND OPENNING YEAR

NAME OF HEALTH INSTITUTE	LOCATION	YEAR OPENNING
Paramedical Institute for Males	Riyadh	1960/59
Paramedical Institute for Males	Jeddah	1963/62
Paramedical Institute for Males	Safwa	1966/65
Nursing School for Males	Makah	1976/75
Paramedical Institute for Females	Riyadh	1962/61
Paramedical Institute for Females	Jeddah	1962/61
Paramedical Institute for Females	Huffof	1968/67
Nursing School for Females	Jeza	1973/72
Nursing School for Females	Taif	1976/75
Paramedical Institute for Females	Abha	1979/78
Nursing School for Females	Kateef	1980/79
Paramedical Institute for Females	Madeva	1981/80
Paramedical Institute for Females	Skaka	1981/80

TOTAL NUMBER OF MALES FEMALES STUDENTS PREDICTED TO
BE GRADUATED BY THE END OF SCHOOL YEAR 1980/81

Name of Institute or school	Supervisor	Statistics	Nursing	Anesthesia	Lab.	Pharmacy	Radiology	Theater	Psyiotherapy	TOTAL	Nursing Training for One Year	G. TOTAL
Paramedical Institute for Males (Riyadh)	10	14	14	3	-	10	3	3	8	65	45	110
Paramedical Institute for Males (Jeddah)	-	-	3	4	5	6	6	5	-	29	6	35
Paramedical Institute for Males (Safura)	8	-	-	3	-	4	-	4	-	19	10	29
Nursing School for Males (Makah)	-	-	5	-	-	-	-	-	-	5	-	5
TOTAL	18	14	22	10	5	20	9	12	8	118	61	179
Paramedical Institute for Females (Riyadh)	-	-	3	-	-	-	-	-	-	3	-	3
Paramedical Institute for Females (Jeddah)	-	-	13	-	-	-	-	-	-	13	-	13
Paramedical Institute for Females (Huffof)	-	-	5	-	-	-	-	-	-	5	-	5
Paramedical Institute for Females (Abha)	-	-	10	-	-	-	-	-	-	10	-	10
Nursing School for Females (Jezan)	-	-	5	-	-	-	-	-	-	5	-	5
TOTAL	-	-	36	-	-	-	-	-	-	36	-	36
GRAND TOTAL	18	14	58	10	5	20	9	12	8	154	61	215

NUMBER OF STUDENTS MALES & FEMALES ATTENDING PARAMEDICAL & NURSING SCHOOL YEARS 1981/80

Name of Institute or school	Assistant	Supervisor	Statistics	Nursing	TOTAL	Assistant	Statistics	Nursing	Physiotherapy	Anesthesia	Lab.	Pharmacist	Radiology	Theater	TOTAL	Nursing Training For One Year	G. TOTAL											
Paramedical Institute for Males (Riyadh)	34	12	15	19	80	-	11	15	7	8	-	10	9	8	68	10	14	14	8	3	-	10	3	3	65	45	258	
Paramedical Institute for Males (Jeddah)	30	-	-	-	30	-	-	-	-	5	5	7	7	5	29	-	3	-	-	4	5	6	6	5	29	6	94	
Paramedical Institute for Males (Safera)	17	9	-	-	26	6	-	-	-	2	-	3	-	1	12	8	-	-	-	3	-	4	-	4	19	10	67	
Nursing School for Males (Makah)	-	-	-	5	5	-	-	2	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	5	-	12	
TOTAL	81	21	15	24	141	6	11	17	7	15	5	20	16	14	111	18	14	22	8	10	5	20	9	12	118	61	431	
Paramedical Institute for Females (Riyadh)	-	-	-	7	7	-	-	5	-	-	-	-	-	-	5	-	3	-	-	-	-	-	-	-	-	3	-	15
Paramedical Institute for Females (Jeddah)	-	-	-	40	40	-	-	2	-	-	-	-	-	-	2	-	5	-	-	-	-	-	-	-	-	5	-	55
Paramedical Institute for Females (Huffof)	-	-	-	6	6	-	-	2	-	-	-	-	-	-	2	-	5	-	-	-	-	-	-	-	-	5	-	13
Nursing School (Jezan)	-	-	-	17	17	-	-	10	-	-	-	-	-	-	10	-	5	-	-	-	-	-	-	-	-	5	-	32
Nursing School (Taif)	-	-	-	23	23	-	-	7	-	-	-	-	-	-	7	-	-	-	-	-	-	-	-	-	-	-	30	
Paramedical Institute for Females (Abha)	-	-	-	3	3	-	-	12	-	-	-	-	-	-	12	-	10	-	-	-	-	-	-	-	-	10	-	25
Nursing School (Kateef)	-	-	-	52	52	-	-	23	-	-	-	-	-	-	23	-	-	-	-	-	-	-	-	-	-	-	75	
TOTAL	-	-	-	148	148	-	-	61	-	-	-	-	-	-	61	-	36	-	-	-	-	-	-	-	-	36	-	245
GRAND TOTAL	81	21	15	172	289	6	11	78	7	15	5	20	16	14	172	18	14	58	8	10	5	20	9	12	154	61	676	

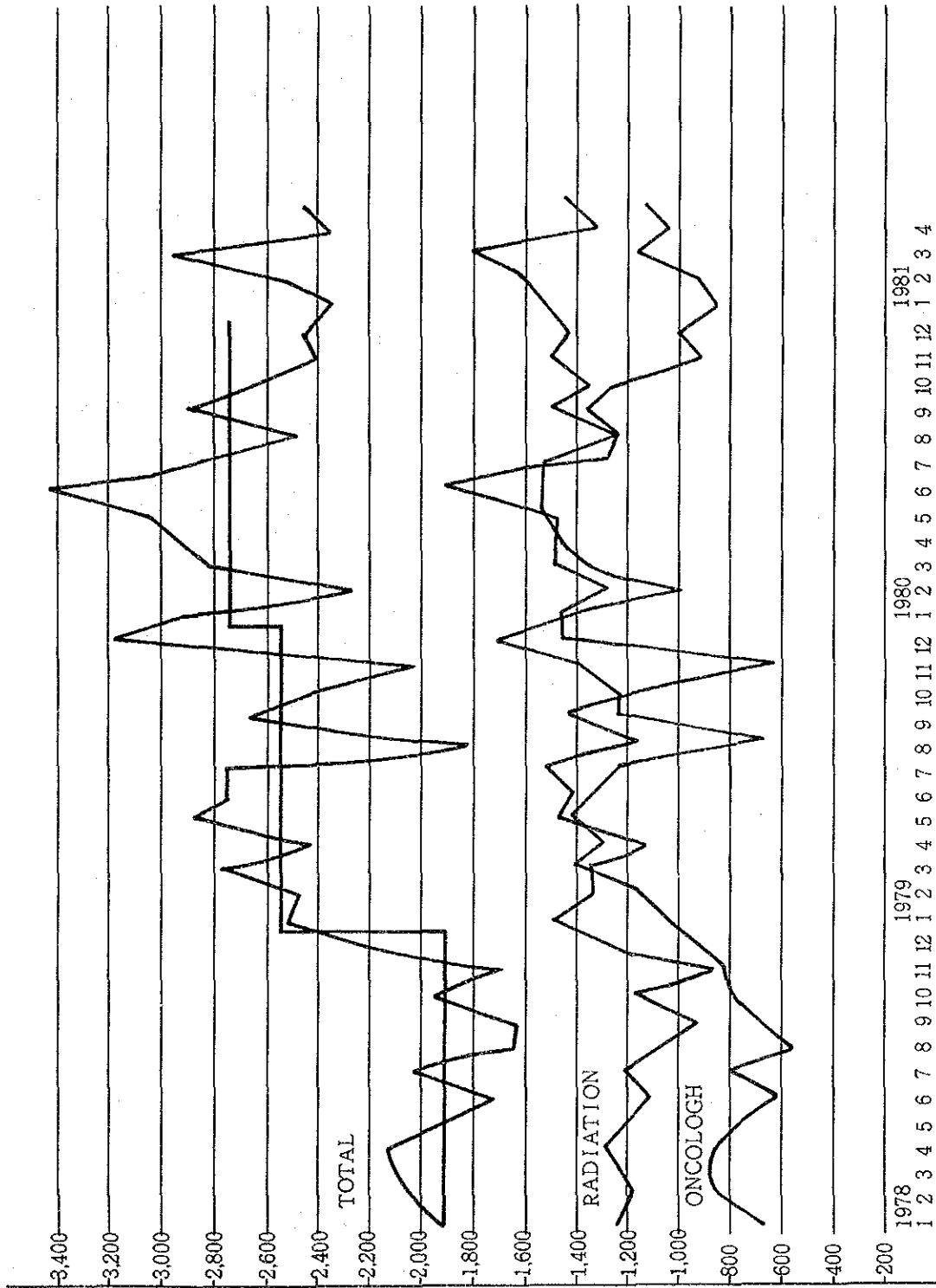
TOTAL NUMBER OF GRADUATES FROM PARAMEDICAL INSTITUTES FOR MALES SINCE
OPENING IN 1960 UNTIL 1980 ACCORDING TO YEARS OF GRADUATION

YEAR OF GRADUATION	Paramedical Institute for Males (Riyadh)										Paramedical Institute for Males (Jeddah)							Paramedical Institute for Males (Saifera)						Nursing School for Males (Makah)		G. TOTAL						
	Supervisor	Statistics	Nursing	Nutrition	Anesthesia	Lab.	Pharmacy	Radiology	Theater	Training	TOTAL	Supervisor	Statistics	Nursing	Anesthesia	Lab.	Pharmacy	Radiology	Theater	Training	TOTAL	Supervisor	Nursing	Anesthesia	Pharmacy		Radiology	Theater	Training	TOTAL	Nurses	TOTAL
1960/1959	15	-	-	-	-	-	-	-	-	-	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15
1961/1960	27	-	-	-	-	3	5	2	6	12	55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	55
1963/62	17	-	-	-	4	4	4	3	3	-	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35
1964/63	10	-	-	-	3	2	2	3	2	13	35	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	39
1965/64	10	-	-	-	4	6	7	-	-	-	27	4	-	-	3	-	-	-	2	-	-	9	-	-	-	-	-	-	-	-	-	36
1966/65	13	-	-	-	7	8	8	-	-	-	36	5	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-	-	-	41
1967/66	22	13	-	-	6	8	9	-	5	-	63	14	-	-	3	3	4	3	3	3	30	18	-	-	-	-	-	-	-	-	-	111
1968/67	-	15	-	-	6	8	7	6	7	19	68	-	-	-	5	6	6	6	8	8	31	-	-	-	10	-	14	24	-	-	-	123
1969/68	21	15	-	-	8	9	11	-	7	-	71	15	-	-	7	8	7	6	15	58	14	-	-	9	-	5	19	47	-	-	-	176
1970/69	21	18	-	-	6	8	10	-	5	-	68	13	-	-	5	5	9	6	6	6	38	16	-	-	11	-	3	30	-	-	-	136
1971/70	20	13	-	-	6	6	5	-	5	-	55	16	-	-	6	7	4	5	5	5	38	18	-	-	13	-	4	35	-	-	-	128
1972/71	21	14	14	-	8	5	6	-	5	-	73	22	-	-	7	8	6	5	5	5	48	35	-	-	14	-	7	56	-	-	-	177
1973/72	23	16	18	-	5	5	8	-	5	36	116	20	-	-	8	7	6	7	6	7	48	20	-	-	18	-	6	44	-	-	-	208
1974/73	27	-	37	20	5	12	13	-	7	35	150	-	21	-	9	10	6	6	6	6	52	-	-	-	18	-	6	24	-	-	-	226
1975/74	17	-	35	16	7	4	13	5	6	32	135	-	14	-	5	6	5	4	4	4	40	-	20	-	19	-	3	42	-	-	-	217
1976/75	17	-	20	11	7	9	14	8	6	18	111	-	18	19	5	6	10	5	5	5	68	17	15	3	8	2	3	48	-	-	-	227
1977/76	25	14	26	8	10	8	15	10	5	8	129	-	15	14	6	5	7	5	4	7	63	18	23	3	9	3	2	58	-	-	-	250
1978/77	14	10	13	-	4	8	12	3	2	10	76	-	21	5	4	6	7	5	3	3	51	16	12	3	8	3	-	41	7	-	-	175
1979/78	10	14	10	-	3	4	6	4	3	12	66	-	-	4	5	5	4	3	3	24	7	-	-	3	6	-	-	16	3	-	-	109
1980/79	10	16	12	-	4	6	10	-	-	39	97	-	-	5	4	6	5	5	7	32	4	-	-	2	3	-	-	9	6	-	-	144
GRAND TOTAL	335	158	185	55	103	123	165	44	79	234	1481	113	89	38	32	85	95	77	70	40	639	183	70	14	145	8	39	33	492	16	16	2628

CANCER CASES REFERRED TO KING FAISAL SPECIALIST HOSPITAL

MONTHS		YEARS	1397	1398	1399	1400
1	MOHARRAM		6	4	3	5
2	SAFER		4	9	2	4
3	RABEE-AWWAL		13	3	1	4
4	RABEE-THANI		30	4	4	7
5	JUMAD-AWWAL		15	6	5	13
6	JUMAD-THANI		17	3	4	9
7	RAJAB		18	1	2	3
8	SHABAB		13	3	4	5
9	RAMADAN		10	2	6	4
10	SHAWWAL		10	1	3	5
11	ZU-ALKEDAH		6	3	2	8
12	ZU-ALHEJJAH		4	2	1	2
TOTAL			141	41	37	75

PATIENT VISITS TO ONCOLOGH - RADIOTHERAPY CLINICS.



CANCER INCIDENCE BY SYSTEM 140CH (1980)

HOSPITAL	SYSTEM	ORAL	DIGESTIVE SYSTEM	RESPIRATION SYSTEM	BONE, SKIN TISSUE	BREAST	GENITAL ORGANS	URINARY SYSTEM	EYE	THYROID	LEUKAEMIA	LYMPHOMA	ALL OTHERS	TOTAL
CENTRAL HOSPITAL JEDDAH		3	4	3	2	1	-	1	-	1	1	5	-	21
KING HOSPITAL MECCA		3	11	3	13	7	2	2	1	6	1	5	3	57
MATERNITY HOSPITAL MECCA		-	-	-	-	-	1	-	-	-	-	-	-	1
KING HOSPITAL TAIF		6	7	1	14	3	2	2	-	1	1	4	-	41
CHEST HOSPITAL TAIF		1	-	25	3	-	-	-	-	-	-	2	-	31
MATERNITY HOSPITAL MADINA		-	-	-	-	-	18	-	-	-	-	-	-	18
CENTRAL HOSPITAL DAMMAM		1	6	7	6	2	1	3	-	3	4	3	1	37
AL-QATEEF HOSPITAL AL-QATEEF		-	2	-	2	-	-	-	-	-	1	1	-	6
HAIL HOSPITAL HAIL		-	1	-	-	1	-	-	-	-	-	-	-	2
CENTRAL HOSPITAL RIYADH		12	69	15	26	10	6	10	5	9	22	27	2	213
MATERNITY HOSPITAL RIYADH		-	-	-	-	-	33	-	-	-	-	-	-	33
CENTRAL HOSPITAL BURAI DA		1	6	3	2	-	2	1	-	-	2	5	-	22
CENTRAL HOSPITAL ONVZA		2	10	2	1	-	7	-	-	-	-	-	-	22
GENERAL HOSPITAL JIZAN		3	3	-	3	3	-	-	-	-	2	-	2	17
TOTAL		33	119	59	72	27	72	19	6	20	34	52	8	521

DISTRIBUTION OF CANCER BY AGE AND SEX FOR THE YEAR 1400H (1980)

I.C.D. Code	System & Site	AGE		1 <		1 - 4		5 - 14		15 - 24		25 - 34		35 - 44		45 - 54		55 - 64		65 - 74		75 >		TOTAL		GRAND TOTAL
		Sex		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
140-49	Oral	-	-	-	-	1	1	1	1	2	2	1	1	1	1	3	5	4	6	1	3	1	19	14	33	
150-59	Digestive System	-	-	-	-	2	1	-	-	2	1	7	5	13	7	31	10	21	9	6	5	80	39	119		
160-65	Respiratory System	-	-	-	-	1	1	1	1	4	4	4	1	7	1	14	3	14	-	7	1	48	11	59		
170-73	Bone, Skin Tissue	-	-	-	-	3	7	6	5	1	3	2	14	6	6	6	4	5	1	6	-	49	25	72		
174-75	Breast	-	-	-	-	-	-	1	-	6	-	9	-	4	-	6	-	-	-	-	1	-	27	27		
179-87	Genital Organs	-	-	-	-	2	-	4	-	16	-	17	2	11	3	4	3	-	-	8	2	15	57	72		
188-89	Urinary System	-	1	-	-	2	-	1	-	1	4	1	2	2	3	-	2	-	-	-	-	15	4	19		
190	Eye	-	-	3	-	1	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	5	1	6		
191-92	Brain & C.N. System	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	
195	Thyroid	-	-	-	-	1	-	2	-	2	1	1	4	2	2	2	2	1	1	2	-	11	9	20		
204-08	Leukaemia	-	-	-	1	1	5	2	3	2	4	1	3	4	3	1	4	-	-	-	-	23	11	34		
200-01	Lymphoma	-	-	-	5	2	4	2	5	-	2	3	6	3	7	4	7	4	7	1	-	36	16	52		
	All others	-	-	-	-	1	-	1	-	1	-	-	1	-	-	1	-	-	1	1	-	5	1	6		
	TOTAL	-	1	3	1	13	10	24	18	35	26	41	50	45	75	39	64	14	33	11	306	215	521			

Distribution of Cancer by System Age and Nationality,
Registered in the Central Hospital & Maternity Hospital
Riyada for 1399 H (1979)

Nationality	Age		Below the Year		1-14		15-44		45-64		65-Over		Total	
	S	N.S	S	N.S	S	N.S	S	N.S	S	N.S	S	N.S	S	N.S
System														
Oral	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Digestive System	-	-	-	-	7	-	28	1	26	-	61	1		
Respiratory System	-	-	1	-	3	1	8	1	6	1	18	2		
Bone, Tissue	-	1	1	-	5	1	6	-	3	-	15	2		
Skin	-	-	-	-	5	-	5	-	1	-	11	-		
Breast	-	-	-	-	11	3	4	-	1	-	16	3		
Genital Organs	-	-	1	-	1	-	3	-	6	-	11	-		
Urinary System	-	-	1	1	-	-	-	-	1	-	2	1		
Brain & Nervous System	-	-	6	-	20	1	16	-	7	-	49	1		
Lymphatic System	-	1	2	-	9	-	7	-	3	-	21	1		
All Others														
Total	-	2	12	1	62	6	79	2	54	-	207	11		

S. Saudi
NS. Non-Saudi

Distribution of Cancer by Age & Sex Registered at Central
Hospital & Maternity Hospital for the year 1399 H. (1979)

Age	Below 1		1-14		15-44		45-64		65 Over		Total		Grand Total
	M	F	M	F	M	F	M	F	M	F	M	F	
System Sex													
Oral	-	-	-	-	-	1	1	1	-	-	1	2	3
Digestive System	-	-	-	-	1	6	17	12	20	6	38	24	62
Respiratory System	-	-	1	-	2	2	8	1	5	1	16	4	20
Bone, Skin & Tissue	4	-	1	-	4	2	3	3	3	-	12	5	17
Breast	-	-	-	-	-	5	-	5	-	1	-	11	11
Genital Organs	-	-	-	-	3	11	2	2	-	1	5	14	19
Urinary System	-	-	1	-	1	-	2	1	6	-	10	1	11
Brain, CN. System	-	-	-	2	-	-	-	-	1	-	1	2	3
Leukaemia	-	-	3	3	16	5	9	7	5	2	33	17	50
Lymphonia	-	1	1	1	5	4	4	3	2	1	12	10	22
All others													
Total	1	1	7	6	32	36	46	35	42	12	128	90	218

Distribution of Cancer by System and Nationality Registered
in Central Hospital & Maternity & Children Hospital Riyadh
for the year 1399 H. (1979)

System	No. of Cases	Saudi	Non Saudi	Percentage	
				Non.	Saudi.
Digestive System	62	61	1	98	2
Lymphatic System	50	49	1	98	2
Respiratory System	20	18	2	90	10
Genital Organs	19	16	3	84	16
Bone, Tissue & Skin	17	15	2	88	12
Breast	11	11	-	100	-
Urinary System	11	11	-	100	-
Oral	3	3	-	100	-
Brain & Central Nervous System	3	2	1	67	33
All others	22	21	1	95	5
Total	218	207	11	95	5

CANCER INCIDENCE BY SYSTEM 1399H (1979)

HOSPITAL	SYSTEM	NO. OF CASES	DIGESTIVE SYSTEM	LYMPHATIC SYSTEM	RESPIRATIVE SYSTEM	REPRODUCTIVE ORGANS	BONE, SKIN TISSUE	BREAST	URINARY SYSTEM	BRAIN & NERVOUS SYSTEM	ORAL	ALL OTHERS
CENTRAL HOSPITAL RIYADH		196	62	46	20	6	16	11	10	2	3	20
MATERNITY HOSPITAL RIYADH		22	-	4	-	13	1	-	1	1	-	2
CENTRAL HOSPITAL JEDDAH		17	6	4	1	-	2	2	-	-	-	2
MATERNITY HOSPITAL JEDDAH		11	-	-	-	11	-	-	-	-	-	-
KING HOSPITAL MECCA		14	5	3	2	1	2	1	-	-	-	-
KING HOSPITAL TAIF		22	1	5	2	1	3	7	2	-	-	1
KING HOSPITAL MADINA		106	42	19	11	7	10	5	4	1	2	5
CENTRAL HOSPITAL BURAYDA		12	2	2	-	2	4	-	1	-	-	1
GENERAL HOSPITAL AL-AR		27	8	3	2	4	5	3	1	-	-	1
CENTRAL HOSPITAL AL-JOUF		4	-	-	-	1	3	-	-	-	-	-
CENTRAL HOSPITAL AR-AP		2	1	-	-	-	-	1	-	-	-	-
TOTAL		433	127	86	38	46	46	30	19	4	5	32

ONCOLOGY/RADIATION THERAPY STATISTICS, DURING THE YEARS 1978-1980

1978	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
<u>ONCOLOGY</u>													
NP	31	49	52	30	31	34	41	19	22	37	30	33	409
FU	413	514	386	563	482	377	527	365	449	537	517	622	5952
CHEMO	227	279	252	235	224	201	234	174	223	222	270	262	2803
TOTAL	671	842	890	828	737	612	802	558	694	796	817	917	9164
<u>RADIATION</u>													
NP	48	48	40	48	58	35	45	45	36	53	38	46	540
FU	281	319	320	356	379	392	356	279	273	307	220	400	3882
DX TREATMENT	824	762	792	818	690	608	731	676	554	715	542	758	8470
OTHER(SIM, MOLD)	87	61	57	72	78	72	78	81	57	76	82	82	883
TOTAL	1240	1190	1209	1294	1205	1107	1210	1081	920	1151	882	1286	13775
<u>TOTALS</u>													
NP													949
FU													9834
TREATMENTS													11273
OTHER(SIM, MOLD)													883
TOTAL	1911	2032	2099	2122	1942	1719	2012	1639	1614	1947	1699	2203	22939
1979													
<u>ONCOLOGY</u>													
NP	48	44	48	53	45	53	43	25	28	42	49	49	527
FU	703	744	957	845	975	884	805	425	808	822	897	1208	10073
CHEMO	270	353	400	396	390	390	376	208	401	378	450	469	4481
TOTAL	1021	1141	1405	1294	1410	1327	1224	658	1237	1242	1396	1726	15081
<u>RADIATION</u>													
NP	52	35	52	41	60	57	51	36	50	48	51	60	593
FU	454	400	384	387	405	400	470	324	409	349	224	410	4616
DX TREATMENT	893	828	840	635	899	867	922	719	860	744	313	904	9424
OTHER(SIM, MOLD)	94	80	73	70	103	90	84	73	105	74	46	81	973
TOTAL	1493	1343	1349	1133	1467	1414	1527	1152	1424	1215	634	1455	15606

ONCOLOGY/RADIATION THERAPY STATISTICS (cont'd)

	1979	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
<u>TOTALS</u>														
NP														1120
FU														14689
TREATMENTS														13905
OTHER(SIM, MOLD)														973
TOTAL		2514	2484	2754	2427	2877	2741	2751	1810	2661	2457	2030	3181	30687
<u>1980</u>														
<u>ONCOLOGY</u>														
NP		29	50	63	42	47	71	64	30	44	51	60	73	624
FU		971	611	853	987	1042	1309	831	864	953	941	569	628	10559
CHEMO		429	331	428	429	394	520	384	344	381	256	278	302	4476
TOTAL		1429	992	1344	1458	1483	1900	1279	1238	1378	1248	907	1003	15659
<u>RADIATION</u>														
NP		56	46	69	55	62	53	43	53	55	52	57	42	643
FU		437	377	421	415	449	449	407	346	367	368	397	386	4819
DX TREATMENT		899	801	928	936	967	962	991	774	973	875	948	919	10973
OTHER(SIM, MOLD)		80	57	67	71	66	80	95	63	108	69	95	90	941
TOTAL		1472	1281	1485	1477	1544	1544	1536	1236	1503	1364	1497	1437	17376
<u>TOTALS</u>														
NP														1267
FU														15378
TREATMENTS														15449
OTHER(SIM, MOLD)														941
TOTAL		2901	2273	2829	2935	3027	3444	2815	2474	2881	2614	2404	2440	33035

ONCOLOGY/RADIATION THERAPY STATISTICS (cont'd)

	1978	1979	% Increase		1980	% Increase		Average month 1980
			78-79	78-80		78-80	79-80	
<u>TOTALS</u>								
NP	949	1120	18.0	33.5	1267	13.1	106	
FU	9834	14689	49.4	56.4	15378	4.7	1282	
TREATMENTS	11273	13905	23.4	37.0	15449	11.1	1287	
OTHER (SIM, MOLD)	883	973	10.2	6.6	941	(3.3)	78	
<u>TOTAL</u>	<u>22939</u>	<u>30687</u>	<u>33.8</u>	<u>44.0</u>	<u>33035</u>	<u>7.7</u>	<u>2753</u>	

	1978	1979	% Increase		1980	% Increase		Average month 1980
			78-79	78-80		78-80	79-80	
<u>ONCOLOGY</u>								
NP	409	527	28.9	52.6	624	18.4	52	
FU	5952	10073	69.2	77.4	10559	4.8	880	
CHEMO	2803	4481	59.9	59.7	4476	0	373	
<u>TOTAL</u>	<u>9164</u>	<u>15081</u>	<u>64.6</u>	<u>71.2</u>	<u>15659</u>	<u>3.8</u>	<u>1305</u>	

	1978	1979	% Increase		1980	% Increase		Average month 1980
			78-79	78-80		78-80	79-80	
<u>RADIATION</u>								
NP	540	593	9.8	19.1	643	8.4	54	
FU	3882	4616	18.9	24.1	4819	4.4	401	
DX TREATMENT	8470	9424	11.3	29.6	10973	16.4	914	
OTHER (SIM, MOLD)	883	973	10.2	6.6	941	(3.3)	78	
<u>TOTAL</u>	<u>13775</u>	<u>15606</u>	<u>13.2</u>	<u>26.1</u>	<u>17376</u>	<u>11.3</u>	<u>1448</u>	

AP: vdl
25 May 1981

Working Hours For Nursing Staff
During Ramadam 1401 (1981)
At Riyadh Central Hospital

Nursing Staff	Morning Duty	Afternoon Duty	Night Duty
Nurses	7.30-3.30	3.30-11.30	11.20-7.30
Cheifs of Sections	7.30-1.00	9.00-12.00	-
Cheifs of Sections Thursday Duty	8.00-12.00	9.00-11.00	-

WORKING HOURS FOR MEDICAL STAFF
DURING THE YEAR 1401 (1981)
AT RIYADH CENTRAL HOSPITAL

MEDICAL STAFF		AM	PM
1.	Register	8 - 1	4½ - 7
2.	Specialist	10 - 1	5 - 7
3.	Consultant	11 - 12	6 - 7
4.	Accident Specialist		1½ - 4½
5.	"		7½ - 12

Number of Cancer Cases
Treated in the Kingdom During the Year 1400 H. (1980)
and the 1st half of the Year 1401 H. (1981)
as Reported from Riyadh Medical Committee

Hospital Month	Year 1400 H			Year 1401 H			
	Speci- alised	Cen- teral	Total	Speci- alised	Central	Taif	Total
Moharrem	2	-	2	3	-	-	3
Safer	7	-	7	3	-	-	3
Rabi I	2	-	2	4	1	-	5
Rabi II	5	-	5	7	-	-	7
Jumad I	4	-	4	3	-	1	4
Jumad II	3	-	3	3	-	-	3
Rajab	5	-	5				
Sha'ban	4	-	4				
Ramadan	2	-	2				
Shawwal	4	-	4				
Dhul-Qidah	3	1	4				
Dhul Hijjah	-	-	-				
Total	41	1	42	23	1	1	25

Number of Cancer Cases
Treated Abroad During the Year 1400 H. (1980)
and the 1st half of the Year 1401 H. (1981)

Year 1400 H				Year 1401 H			
Country Month	England (London)	USA	Total	England (London)	France	USA	Total
Moharram	2	-	2	5	1	-	6
Safer	-	-	-	-	-	1	1
Rabi I	1	-	1	2	-	-	2
Rabi II	2	-	2	5	-	2	7
Jumad I	-	2	2	2	-	-	2
Jumad II	1	-	1	2	-	-	2
Rajab	1	1	2				
Sha'ban	4	-	4				
Ramadan	1	-	1				
Shawwal	2	1	3				
Phul-Qidah	1	1	2				
Dhul-Hijjah	-	-	-				
Total	15	5	20	16	1	3	20

Number of Cancer Cases
Treated During the Years 1400 (1980) 1st 7 Months in 1401 H.
(1981) As Reported from Vedish Medical Committee

Year 1400 H.			Year 1401 H.	
Place of Treat- ment Month	Specialised Hospitals	Abroad	Specialised Hospitals	Abroad
Moharram	5	1	14	-
Safer	4	1	9	-
Rabi I	4	-	4	2
Rabi II	7	1	5	1
Jaunad I	13	1	8	3
Jaunad II	9	4	12	2
Rajab	3	1	6	2
Sha'ban	5	1		
Ramadan	4	1		
Shawwal	5	-		
Phul Qidah	8	2		
Dhul Jijjah	2	2		
Total	69	15	58	10

NUMBER OF POSTGRADUATE STUDENTS STUDYING ABROAD
FOR THE MINISTRY OF HEALTH

1ST MINISTRY OFFICIALS	NO. OF STUDENTS
BACHELOR OF PUBLIC HEALTH	48
MASTER OF PUBLIC HEALTH	16
DOCTOR OF PUBLIC HEALTH	2
BACHELOR OF PHARMACY	2
MASTER OF PHARMACY	4
DOCTOR OF PHARMACY	4
MASTER OF HOSPITAL ADMINISTRATION	7
DOCTOR OF HOSPITAL ADMINISTRATION	1
BACHELOR IN MEDICAL RECORDS	1
MASTER IN GENERAL ADMINISTRATION	4
DOCTOR IN GENERAL ADMINISTRATION	2
MASTER IN PSYCHIATRY	4
DOCTOR IN PSYCHIATRY	1
DOCTOR IN BIOCHEMISTRY	1
BACHELOR PHYSICAL THERAPY	3
FELLOWSHIPS IN DIFFERENT ARANCHES OF MEDICINE	11
MASTER OF MEDICINE	7
AMERICAN BOARD	1
TOTAL	119

NON OFFICIALS STUDENTS	NO. OF STUDENTS
BACHELOR IN PUBLIC HEALTH	42
MASTER IN PUBLIC HEALTH	1
BACHELOR IN HOSPITAL ADMINISTRATION	1
BACHELOR IN BS ADMINISTRATION	1
BACHELOR IN SCIENCE	1
MASTER IN POLITICAL SCIENCE	1
BACHELOR IN ENGINEERING	1
TOTAL	48

(資 料)

VI

THE CENTRAL HOSPITAL 提供資料

Medical Service in The Central Hospital

1. Medical Staff		
9 (1) No. of doctor		216
(2) No. of nurse		468
(3) No. of para-medial staff		139
(4) No. of others		-
2. Patient per year		
(1) No. of in-patient		19474
(2) No. of out-patient		500265
3. Bed		
(1) General		600
(2) ICU		11 + 1 special bed
(3) CCU		9
(4) SCU		7
(5) RCU		16
(6) Others		99
4. Operation per year		24017
(1) Upper G.I.		
Perforated Duodenal Ulcer		21
Peptic Ulcer		7
(2) Lung		
(3) Cardiovascular		
(4) Neuro Surgery		
(5) Gynecology		
(6) Orthopedics		
(7) Others		3723
Appendectomy		1445
Rupture Liver		15
Rupture Spleen		32
Intest. Obstruction		32
Perforation of Small Guts		20
Perianal Abscess		411

Inquinal Herniation	231
Biopsy	187
Gastrojesjenostomy	48
Skin Grafts	157

Number of Operation per Year
in the Central Hospital (others in detail)

1.	Appendectomy	1445
2.	Perforated Duodenal Ulcer	21
3.	Bleeding Peptic Ulcer	7
4.	Vagotomy + Gastrojejunostomy	48
5.	Gastrectomy	7
6.	Hassab's Operation (Devascularization of Stomach Wall + Splenectomy)	57
7.	Cholecystectomy	76
8.	Exploration of Common bile duct	9
9.	Rupture Liver (Lobectomy)	15
10.	Hydatid cyst in the Liver	20
11.	Rupture Spleen	32
	Splenectomy (for Hypersplenism)	4
12.	Pancreatitis	2
13.	Intestinal Obstruction	32
14.	Pancreatectomy	4
15.	Resection Anastomosis of Small Bowel	23
16.	Perforation of Small Gut	20
17.	Colon by Pass	3
	Hemicolectomy	17
18.	Colostomy	13
19.	Piles, Fissure & Perianal abscess	411
20.	Oblique Inguinal Herniation	231
21.	Umbilical Herniation	78
22.	Incisional Herniation	20
23.	Obstructed Herniation	37
24.	Radical Mastectomy	8
25.	Simple Mastectomy	21
26.	Thyroidectomy (subtotal)	57
27.	Parotidectomy	7
28.	Biopsy (Different kinds)	187
	Lipomas	
	L. N.	
	Tumors	

29.	Foreign Bodies	144
30.	Internal Abscesses	37
31.	External Abscesses	208
32.	Wounds	48
33.	Skin Grafts	157
34.	Varicose Veins (Lower Limbs)	8
35.	Vascular Surgery	53
36.	Amputations	39
37.	Debridement	32
38.	Laparatomies (Negative)	20
	or Retroperitoneal Hematomas	10
39.	Secondary Sutures	15
40.	Sympathectomies	5
	Total	3723

Distribution of 971 malignant lesions in the Digestive System out of a total of 3854 malignant lesions in all the surgical specimens received in the Central Laboratory, Riyadh, Saudi Arabia during past 14 years (1964 to 1977 both inclusive).

Organ	Total No. of specimens	Malig. Lesions	% in D. S. Malignancy	% in total Malignancy
Oral cavity	475	194	19.9 %	5.0 %
Salivary glands	153	58	5.9 %	1.5 %
Oesophagus	298	250	25.7 %	6.4 %
Stomach	250	98	10.0 %	2.5 %
Small intestine	207	40	4.1 %	1.0 %
Large intestine	499	131	13.4 %	3.3 %
Appendix	4745	12	1.2 %	0.3 %
Liver	384	90	9.2 %	2.3 %
Gall bladder	561	7	0.7 %	0.1 %
Pancreas	15	6	0.6 %	0.1 %
Peritonuem & Retroperitomuem	245	85	8.7 %	2.2 %
Total	7812	971		

T A B L E S

1. Types of Lesions

Total	34016		
Inflam lesions	13569	39.8 %	
No Path Change	7073	20.7 %	
Neoplasm	6617	19.4 %	
Misc lesions	5799	17.0 %	
No Concl. Op.	958	2.8 %	

2. Inflammatory Lesions

Total	13569		
Bacterial	12520	92.2 %	
Parasitic	815	6.0 %	
Fungal	163	1.2 %	
Misc	71	0.5 %	

3. Bacterial Lesions

Total	12520		
Non Specific	11126	88.8 %	
Tuberculosis	1302	10.3 %	
Rhinoseleroma	64	0.5 %	
Leprosy	26	0.2 %	
Gas Gaugrene	2	0.01%	

4. Tuberculosis - Age & Sex

Total	1302		
Male	632	Age	31
Femake	670	Age	26

5. Tuberculosis - Location

Total	1302			
Lymph node	737	56.6 %	M:F	1:0.8
Female Gen. Organ	153	11.7 %	M:F	0:1
Skin & Soft Tissue	111	8.5 %	M:F	1:0.7
G.I. Tract	94	7.2 %	M:F	1:1.1
Bone & Joint	79	6.0 %	M:F	1:0.7
Resp. Tract	27	2.0 %	M:F	1:0.3

6. Rhinoseleroma - Age & Sex

Total	64			
Male	29	Age	32	
Female	35	Age	32	

7. Rhinoseleroma - Location

Total	64			
Nose	49	76.5 %	M:F	1:1.4
Pharynx				
Larynx	14	21.8 %	M:F	1:0.5
Alveolar	1	1.5 %	M:F	0:1

8. Leprosy - Age & Sex

Total	26			
Male	18	Age	42	
Female	8	Age	35	

9. Leprosy - Location

Total	26			
Skin & Soft Tissue	23	88.4 %	M:F	1:0.3
Nose	3	11.5 %	M:F	1:2

10. Parasitic Lesions

Total	815			
Schistosomiasis	608	74.6 %		
Hydatid Cyst	118	14.4 %		
Leishmaniasis	56	6.8 %		
Filariasis	33	4.0 %		

11. Schistosomiasis - Age & Sex

Total	608			
Male	533	Age	32	
Female	75	Age	31	

12. Schistosomiasis - Location

Total	608				
GIT	294	48.3 %	M:F	1:0.1	
Liver	139	22.8 %	M:F	1:0.2	
Urinary System	117	19.2 %	M:F	1:0.1	

13. Hydatid Cyst - Age & Sex

Total	118				
Male	51		Age	36	
Female	67		Age	31	

14. Hydatid Cyst - Location

Total	118				
Liver	44	37.2 %	M:F	1:1	
Lungs	30	25.4 %	M:F	1:1.3	
Peritoneum	11	9.3 %	M:F	1:2.6	

15. Leishmaniasis - Age & Sex

Total	56				
Male	37		Age	14	
Female	19		Age	17	

16. Leishmaniasis - Location

Total	56				
Skin	52	92.8 %	M:F	1:0.5	
Bone marrow	4	7.1 %	M:F	1:0	

17. Filariasis - Age & Sex

Total	33				
Male	31		Age	27	
Female	2		Age	25	

18. Filariasis - Location

Total	33				
Skin & Soft Tissue	12	36.3 %	M:F	1:0.1	
Male Genital Organ	11	33.3 %	M:F	1:0	
Lymph node	5	15.1 %	M:F	1:0.2	

19. Deep Mycosis

Total	163			
	Mycetoma	154	94.4 %	
	Other fungi	9	5.5 %	

20. Mycetoma - Age & Sex

Total	154			
	Male	120		Age 31
	Female	34		Age 39

21. Mycetoma - Location

Total	154			
	Skin	151	98.0 %	M:F 1:0.2
	Other Sites	3	1.9 %	M:F 1:0

22. Neoplastic Lesion

Total	6617			
	Malignant	4434	67.0 %	
	Benign	2183	32.9 %	

23. Malignant lesion - Age & Sex

Total	4434			
	Male	2570		Age 46
	Female	1864		Age 43

24. Primary Malignant Lesion - Location

Total	4434			
	Lymph node	479	10.0 %	M:F 1:0.3
	Skin	381	8.5 %	M:F 1:0.1
	Oesophagus	290	6.5 %	M:F 1:0.4
	Breast	281	6.3 %	M:F 1:39
	Soft tissue	155	3.4 %	M:F 1:0.7
	Cervix	141	3.1 %	M:F 0:1

HISTOPATHOLOGY SECTION
CENTRAL LABORATORY
RIYADH

ANNUAL ABSTRACT REPORT

MONTH, YEAR 1400 H (1980)

(Please see the reverse for the guide-lines)

1.	Total number of specimens examined	-----	4,570
2.	Inflammations	Bacterial -----	1,802
3.	"	Fungal -----	13
4.	"	Darastic -----	115
5.	"	Miscellaneous -----	51
6.	Metaplasias	All types -----	50
7.	Atrophy/Degeneration	" -----	42
8.	Degeneration- Regeneration	Cirrhosis -----	17
9.	Warts	All types -----	22
10.	Epuli	" -----	10
11.	Polypi	" -----	113
12.	Cysts	" -----	165
13.	Reparative lesions	" -----	1
14.	Bullous lesions	" -----	-
15.	Vascular lesions	" -----	138
16.	Traumatic lesions	" -----	43
17.	Congenital lesions	" -----	14
18.	Stones	" -----	71
19.	Products of conception	- -----	319
20.	Hyperplasias & Tumorous conditions	Uterus -----	83
21.	"	Sreast -----	20
22.	"	Prostate -----	68
23.	""	Thyroid -----	46
24.	"	Fibrous -----	9
25.	"	Eones & joints -----	7
26.	"	Others -----	73
27.	Benign Tumors	All types -----	344
28.	Malignant Tumors	" -----	351
29.	Miscellaneous lesions	- -----	168
30.	Autolysed/Mecrosed tissue-	-----	25
31.	No pathological change	- -----	1,254
32.	No conclusive opinion	- -----	58
33.	Meice legal case	-----	19

PATHOLOGIST

HISTOPATHOLOGY SECTION

CENTRAL LABORATORY

RIYADH

ANNUAL ABSTRACT

1 4 0 0 (1980)

(Details of Malignant Lesions (Item 28) and No Pathological Changes (Item 31)).

28. Malignant Tumor: 351

Digestive System: 126

Lip	5
Oral Cavity	1
Tongue	5
Palate	1
Pharynx	1
Tonsil	2
Salivary Gland (Parotid)	2
Oesophagus	27
Stomach	27
Intestine	24
Appendix	2
Peritoneum/Mesentery/ Retroperitoneum/ Omentum	9
Liver	11
Gall Bladder	4
Pancreas	5

Respiratory System: 27

Nose/Nasal Cavity	6
Hypopharynx	1
Nasopharynx	8
Larynx	6
Lung	6

Endocrine System: 9

Thyroid	9
---------	---

Urinary System: 16

Kidney	2
Urinary Bladder	14

Male Reproductive System: 6

Testis	3
Prostate	3

Female Reproductive System: 17

Uterus/Vagina/Cervix	10
Ovary	7

<u>Breast:</u>		33
Breast	33	
<u>Locomotive System:</u>		15
Bone	14	
Muscle	1	
<u>Lymphoreticular System:</u>		50
Lymph Node	50	
<u>Cardio-Vascular System:</u>		1
Pericardium	1	
<u>Special Senses:</u>		15
Eye	14	
Ear	1	
<u>Skin & Soft Tissues:</u>		36
Skin & Subcutaneous Tis.	28	
Soft Tissue of Neck	8	
<u>31. No Pathological Change:</u>		1,254
Cyclical Changes of Endometrium	1,066	
Smear Negative for Malignant Cell	21	
No Pathological Change	167	

PATHOLOGIST

HISTOPATHOLOGY SECTION
 CENTRAL LABORATORY
 RIYADH

ANNUAL ABSTRACT REPORT
 MONTH, YEAR 1399 (1979)

(Please see the reverse for the guide-lines)

1.	Total number of specimens examined	-----	3,850
2.	Inflammations	Bacterial -----	1,282
3.	"	Fungal -----	7
4.	"	Farasitic -----	84
5.	"	Miscellaneous -----	23
6.	Metaplasias	All types -----	28
7.	Atrophy/Degeneration	" -----	22
8.	Degeneration- Regeneration	Cirrhosis -----	14
9.	Warts	All types -----	9
10.	Epuli	" -----	12
11.	Polypi	" -----	82
12.	Cysts	" -----	142
13.	Reparative lesions	" -----	1
14.	Bullous lesions	" -----	-
15.	Vascular lesions	" -----	83
16.	Traumatic lesions	" -----	17
17.	Congenital lesions	" -----	15
18.	Stones	" -----	71
19.	Products of conception	- -----	222
20.	Hyperplasias & Tumorous conditions	Uterus -----	84
21.	"	Breast -----	8
22.	"	Prostate -----	79
23.	"	Thyroid -----	36
24.	"	Fibrous -----	7
25.	"	Bones & joints -----	6
26.	"	others -----	53
27.	Benign Tumors	All types -----	284
28.	Malignant tumors	" -----	331
29.	Miscellaneous lesions	- -----	64
30.	Autolysed/Necrosea Tissue	- -----	33
31.	No pathological change	- -----	1,221
32.	No conclusive opinion	-----	8

PATHOLOGIST

HISTOPATHOLOGY SECTION

GENERAL LABORATORY

RIYADH

ANNUAL ABSTRACT

1399 (1979)

(Details of Malignant Lesions (Item 28) and No Pathological Changes (Item 31)).

28. Malignant Tumor: 326

Digestive System: 88

Lip	1
Oral Cavity	2
Tongue	2
Palate	1
Oesophagus	21
Stomach	13
Intestine	26
Peritoneum/Mesentery/ Retroperitoneum/ Omentum	7
Salivary Gland	2
Liver	10
Gall Bladder	1
Pancreas	2

Respiratory System: 26

Nose/Nasal Cavity	3
Nasopharynx	3
Pharynx	8
Larynx/Cricoid Region	5
Tracheus	5
Lung	1
Ascitic Fluid	1

Urinary System: 20

Urinary Bladder	20
-----------------	----

Male Reproductive System: 8

Penis	2
Testis	4
Prestate	2

Female Reproductive System: 18

Uterus/Vagina/Cervix	15
Ovary	3

Breast: 16

Breast	16
--------	----

(2)

<u>Locomotive:</u>		19
Bone/Popliteal Region	19	
<u>Lymphoreticular System:</u>		69
Lymph Node	62	
Tonsil	7	
<u>Endocrine:</u>		10
Thyroid	10	
<u>Special Senses:</u>		11
Eye	11	
<u>Skin & Subcutaneous Tissue:</u>		41
Skin & S/C Tissue	41	

<u>31. No Pathological Change:</u>		1,225
Cyclical Changes of Endometrium	1,023	
Smear Negative for Malignant Cells	37	
No Pathological Change	165	

PATHOLOGIST

HISTOPATHOLOGY SECTION
CENTRAL LABORATORY
RIYADH
ANNUAL ABSTRACT REPORT
YEAR 1398 (1978)

(Please see the reverse for the guide-lines.)

1.	Total number of specimens examined	-----	3,433
2.	Inflammations	Bacterial -----	1,326
3.	"	Fungal -----	14
4.	"	Parasitic -----	80
5.	"	Miscellaneous -----	24
6.	Metaplasias	All types -----	39
7.	Atrophy/Degeneration	" -----	28
8.	Degeneration- Regeneration	Cirrhosis -----	8
9.	Warts	All types -----	6
10.	Epuli	" -----	1
11.	Polypi	" -----	91
12.	Cysts	" -----	97
13.	Reparative lesions	" -----	-
14.	Bullous lesions	" -----	-
15.	Vascular lesions	" -----	69
16.	Traumatic lesions	" -----	14
17.	Congenital lesions	" -----	8
18.	Stones	" -----	39
19.	Products of conception	- -----	125
20.	Hyperplasias & Tumorous conditions	Uterus -----	81
21.	"	Breast -----	19
22.	"	Prostate -----	72
23.	"	Thyroid -----	25
24.	"	Fibrous -----	7
25.	"	Bones & joints -----	14
26.	"	Others -----	64
27.	Benign Tumors	All types -----	233
28.	Malignant Tumors	" -----	309
29.	Miscellaneous lesions	- -----	12
30.	Autolysed/Necrosed tissue	- -----	35
31.	No pathological change	- -----	989
32.	No conclusive opinion	- -----	6

PATHOLOGIST

HYSTOPATHOLOGY SECTION
CENTRAL LABORATORY
RIYADY

ANNUAL ABSTRACT

1398 (1978)

(Details of Malignant Lesions (Item 28) and No Pathological Changes (Item 31))

<u>28. Malignant Tumor:</u>			309
<u>Digestive System:</u>		79	
Lip	2		
Check	2		
Tongue	4		
Palate	1		
Oesophagus	22		
Stomach	17		
Small Intestine	4		
Large Intestine	10		
Periton./Mesentry	8		
Salivary Gland	1		
Liver	6		
Gall Bladder	1		
Pancrea	1		
<u>Respiratory System:</u>		26	
Nasal Cavity	1		
Nasopharyns	9		
Pharynx	1		
Larynx	9		
Bronchus	2		
Lung	3		
Mediastinum	1		
<u>Urinary System:</u>		21	
Kidneys	3		
Urinary Bladder	18		
<u>Male Reproduction System:</u>		11	
Testis	5		
Prostate	6		
<u>Female Reproduct. System:</u>		18	
Vulva	1		
Vagina	1		
Cervix	7		
Uterus	7		
Ovary	2		

(2)

<u>Breast:</u>		11
Breast	11	
<u>Locomotive System:</u>		19
Bone	19	
<u>Lymphoreticular System:</u>		42
Lymph Nodes	39	
Tonsils	3	
<u>Endocrine:</u>		7
Thyroid	7	
<u>Special Sences:</u>		8
Ear	1	
Eye	7	
<u>Nervous System:</u>		1
Int. Cranial Neoplasm	1	
<u>Skin and S/C Tissue:</u>		61
Skin & S/C Tissue	61	
<u>31. No Pathological Change:</u>		989
Cyclical Changes of Endometrium	863	
Smear Negative for Malignant Cell	44	
No Pathological Change	82	

PATHOLOGIST

HISTOPATHOLOGY SECTION

CENTRAL LABORATORY

RIYADH

ANNUAL ABSTRACT REPORT

YEAR 1397 (1977)

(Please see the reverse for the guide-lines.)

1.	Total number of specimens examined	-----	3,025
2.	Inflammations	Bacterial -----	1,261
3.	"	Fungal -----	9
4.	"	Parasitic -----	79
5.	"	Miscellaneous -----	5
6.	Metaplasias	All types -----	27
7.	Atrophy/Degeneration	" -----	31
8.	Degeneration- Regeneration	Cirrhosis -----	7
9.	Warts	All types -----	8
10.	Epuli	" -----	6
11.	Polypi	" -----	63
12.	Cysts	" -----	86
13.	Reparative lesions	" -----	10
14.	Bullous lesions	" -----	1
15.	Vascular lesions	" -----	42
16.	Traumatic lesions	" -----	12
17.	Congenital lesions	" -----	10
18.	Stones	" -----	18
19.	Products of conception	- -----	93
20.	Hyperplasias & Tumorous conditions	Uterus -----	79
21.	"	Breast -----	19
22.	"	Prostate -----	47
23.	"	Thyroid -----	14
24.	"	Fibrous -----	8
25.	"	Bones & joints -----	13
26.	"	Others -----	29
27.	Benign Tumors	All types -----	207
28.	Malignant Tumors	" -----	267
29.	Miscellaneous lesions	- -----	16
30.	Autolysed/Necrosed tissue-	-----	21
31.	No pathological change	- -----	802
32.	No conclusive opinion	- -----	-

PATHOLOGIST

HISTOPATHOLOGY SECTION
CENTRAL LABORATORY
RIYADH

ANNUAL ABSTRACT REPORT

YEAR 1396 (1976)

(Please see the reverse for the guide-lines.)

1.	Total number of specimens examined	-----	3,370
2.	Inflammations	Bacterial -----	1,312
3.	"	Fungal -----	8
4.	"	Parasitic -----	79
5.	"	Miscellaneous -----	28
6.	Metaplasias	All types -----	26
7.	Atrophy/Degeneration	" -----	63
8.	Degeneration- Regeneration	Cirrhosis -----	15
9.	Warts	All types -----	22
10.	Epuli	" -----	2
11.	Polypi	" -----	77
12.	Cysts	" -----	104
13.	Reparative lesions	" -----	-
14.	Bullous lesions	" -----	1
15.	Vascular lesions	" -----	45
16.	Traumatic lesions	" -----	7
17.	Congenital lesions	" -----	16
18.	Stones	" -----	36
19.	Products of conception	- -----	104
20.	Hyperplasias & Tumorous conditions	Uterus -----	81
21.	"	Breast -----	16
22.	"	Prostate -----	42
23.	"	Thyroid -----	14
24.	"	Fibrous -----	16
25.	"	Bones & joints -----	8
26.	"	Others -----	35
27.	Benign Tumors	All types -----	181
28.	Malignant Tumors	" -----	336
29.	Miscellaneous lesions	- -----	37
30.	Autolysed/Necrosed tissue	- -----	23
31.	No phathological change	- -----	1,001
32.	No conclusive opinion	- -----	2

PATHOLOGIST

(資 料)

Ⅶ

THE STATISTICAL INDICATOR (1979)
(MINISTRY OF FINANCE AND NATIONAL
ECONOMY CENTRAL DEPT. OF STATISTICS)

よりの抜すい資料

- 気 象 関 係
- 医 療 関 係

Average Mean Temperature by Meteorological Station 1978

(Centigrade)

Station Month	Khamis Mushait	Al-Wajh	Hail	Taif	Dhahran	Jeddah	Riyadh
January	13.6	16.3	10.9	16.5	15.8	22.5	15.3
February	14.3	19.9	13.6	17.0	17.0	24.4	16.9
March	16.7	21.3	16.9	19.7	29.2	25.5	21.3
April	19.2	24.0	22.9	23.1	25.8	28.3	26.7
May	21.5	27.2	26.7	26.7	30.4	30.3	32.3
June	23.2	27.4	29.2	28.5	32.9	29.4	34.2
July	20.9	29.7	31.6	26.6	34.5	32.0	34.0
August	22.2	29.5	29.7	27.2	33.7	32.3	35.3
September	21.0	27.5	28.2	26.6	30.9	30.6	31.9
October	17.7	26.6	22.6	22.5	27.0	29.5	26.5
November	15.7	22.0	13.5	18.4	21.1	25.7	18.9
December	13.3	20.0	12.5	16.6	18.5	25.2	18.2
Average	18.3	24.3	21.5	22.5	25.7	28.0	26.0

Average of Minimum Temperature by Meteorological Stations
1978

Station Month	Khamis Mushait	Al-Wajh	Hail	Taif	Dhahran	Jeddah	Riyadh
January	5.2	12.9	2.7	10.4	10.3	18.9	8.6
February	7.4	14.7	6.6	11.8	11.2	19.8	10.2
March	9.6	16.3	9.8	13.6	14.1	21.2	13.9
April	11.9	19.6	15.6	17.2	19.8	23.8	20.9
May	12.5	22.8	18.9	19.8	22.3	24.9	24.2
June	13.8	23.3	19.9	22.2	25.5	24.8	25.2
July	15.1	26.3	21.3	22.2	28.0	27.1	29.0
August	15.0	25.6	20.1	22.0	27.0	26.8	28.4
September	10.5	23.5	16.8	20.0	24.4	25.8	23.9
October	7.2	21.8	12.7	15.1	20.1	23.6	17.9
November	7.7	16.8	6.1	12.0	16.5	20.7	13.5
December	4.4	13.8	4.7	10.1	13.5	20.4	11.1
Average	10.0	19.9	12.9	16.4	19.4	23.1	18.7

Average of Maximum Temperature by Meteorological Station
1978

Station Month	Khamis Mushait	Al-Wajh	Hail	Taif	Dhahran	Jeddah	Riyadh
January	21.5	22.6	18.4	22.9	22.2	23.5	22.4
February	21.9	24.9	20.1	23.1	23.6	29.8	23.6
March	23.5	26.0	23.2	25.8	27.2	31.5	28.5
April	27.1	27.6	29.8	29.2	32.4	33.3	33.7
May	29.6	31.8	34.3	33.1	38.5	37.0	39.2
June	31.2	31.4	36.2	34.5	41.2	37.1	41.0
July	28.0	33.0	38.0	31.8	41.7	37.4	42.6
August	29.5	32.4	36.6	32.3	41.7	38.6	41.8
September	28.8	30.8	35.6	32.7	39.3	35.9	39.8
October	25.9	31.1	31.0	29.2	35.5	36.3	34.8
November	23.4	26.6	19.7	25.5	26.8	31.2	25.1
December	22.4	25.0	20.1	23.5	25.2	30.8	24.9
Average	26.1	28.5	28.6	31.1	32.9	33.5	33.1

Average Relative Humidity by Meteorological Stations 1978

Station Month	Khamis Mushait	Al-Wajh	Hail	Taif	Dhahran	Jeddah	Riyadh
January	61	56	52	57	69	61	49
February	64	57	52	56	73	63	46
March	64	54	44	46	61	57	40
April	55	66	34	46	45	59	30
May	45	69	24	29	37	55	19
June	36	72	21	22	33	57	16
July	60	72	19	39	48	58	14
August	52	75	21	28	35	49	12
September	41	79	24	24	54	73	16
October	41	74	30	33	64	68	19
November	62	62	49	58	63	61	37
December	59	63	56	56	73	61	45
Average	53	67	36	41	55	60	28

Amount of Rainfall by Meteorological Stations 1978
(Millimeters)

Station Month	Khamis Mushait	Al-Wajh	Hail	Taif	Dhahran	Jeddah	Riyadh
January	0.5	*	-	-	4.1	7.0	2.5
February	15.4	-	15.7	23.8	4.8	67.0	6.4
March	19.5	-	6.7	2.8	4.5	-	-
April	9.8	-	5.2	33.3	*	*	6.3
May	23.2	-	0.2	1.1	-	-	-
June	1.6	-	-	-	-	-	-
July	75.8	-	-	33.3	-	2.0	-
August	65.3	-	-	*	-	-	-
September	0.2	-	-	6.0	-	-	-
October	-	-	-	*	-	-	-
November	-	-	8	0.3	0.2	-	3.4
December	5.1	14.0	4.8	0.4	*	4.0	-
Average	216.4	14.0	33.4	101.0	19.6	80.0	18.6

Selected Meteorological Information by Meteorological
Stations 1978

Station Month	Khamis Mushait	Al-Wajh	Hail	Taif	Dhahran	Jeddah	Riyadh
Average air pressure (Millibars)	797.7	1008.1	900.8	855.7	1007.6	1007.4	944.5
WIND SPEED (Knots)							
Average	5.7	7.3	5.3	7.6	7.8	6.8	6.5
Maximum	32.9	25.1	23.8	32.3	28.3	25.8	30.6
SKY CONDI- TION (days):							
Clear	3	121	187	19	146	71	148
Partly cloudy	205	233	163	308	194	262	184
Fully cloudy	157	11	15	38	25	32	33
DAYS WITH:							
Rain	56	2	12	24	12	6	14
Sandstorms	-	2	-	1	19	6	11
Thunderstorms	44	1	5	25	5	1	7
Fog	8	7	1	14	35	1	3

Population of the Kingdom by Administrative Districts
"1974 Census"

Administrative Districts	Population ('000)			No. of Families ('000)
	Total	Bedouins	Settled	
Riyadh	1272	306	966	199
Mecca	1754	240	1514	326
Eastern Dist	770	80	690	121
Asseer	682	247	435	127
Medina	519	237	282	99
Jizan	403	16	387	85
Qaseem	316	101	215	49
Ha'il	260	143	117	45
Tabouk	194	89	105	34
Al-Baha	186	29	157	34
Najran	148	56	92	27
Northern	129	86	43	19
Al-Jauf	65	31	34	10
Al-Qurayyat	31	13	18	6
Nomadic site	210	210	-	30
Saudis Living Abroad	73	-	73	
Total	7012	1884	5128	1211

Birth Certificates Issued by Hospitals and Health Office
of the Ministry of Health, 1967-1978

Year	Non-Saudi		Saudi	
	Index No. 1389= 100	Number	Index No. 1389= 100	Number
1389	100.0	8255	100.0	22357
1390	107.6	8879	112.8	25218
1391	163.9	13528	149.0	33306
1392	199.8	16490	174.8	39073
1393	191.0	15763	236.3	52830
1394	228.6	18873	254.2	56829
1395	256.2	21147	322.1	72018
1396	327.6	27045	378.5	84619
1397	346.5	28600	428.7	95834
1398	405.8	33495	520.1	116441

Government Appropriations for Health and Red Crescent Society, 1389/90-1398/99 (11979/80-1978/79)

Years	Index No. 1389/90=100	(000' SR)
1389/90	100.0	200112
1390/91	91.3	182605
1391/92	144.1	288291
1392/93	215.9	431953
1393/94	297.0	594289
1394/95	590.6	1181764
1395/96	1613.9	3229624
1396/97	1496.5	2994680
1397/98	1713.9	3429887
1398/99	2045.7	4093744

No. of Physicians Working in the Ministry of Health and Private Hospitals by Specializations 1398 (1978)

Field of Specializations	Hospitals Private	Ministry of Health
General Practitioners	128	2102
Dentists	26	112
Internal Diseases Specialists	18	111
Surgeons	42	164
Pediatricians	20	86
Obstetricians and Gynecologists	30	114
Ophthalmologists	14	42
Ear, Nose and Throat	9	38
Radiologists	12	27
General Health and Tropical Medicine	-	67
Forensic Medicine	-	9
Cardiologists	-	-
Pathologists	9	21
Chest Diseases Specialists	2	66
Anaesthetists	17	65
Others	19	188
Total	346	3212

Physicians and Male & Female Nurses in Hospitals of
the Ministry of Health and Private Hospitals,
1389-1398 (1979-1978)

Years	Male & Female Nurses		Physicians	
	Index No. 1389=100	Number	Index No. 1389=100	Number
1389	100.0	2687	100.0	924
1390	108.5	2915	102.9	951
1391	109.6	2944	108.0	998
1392	136.1	3657	137.8	1273
1393	148.3	3984	162.9	1505
1394	188.5	5066	231.8	2142
1395	210.7	5661	275.2	2543
1396	244.9	6579	319.9	2956
1397	257.1	6856	338.5	3128
1398	265.6	7137	385.1	3558

Hospitals, Dispensaries & Health Centres,
1391-1398 (1971-1978)

	1398	1397	1396	1395	1394	1393	1392	1391
Hospitals of Ministry of Health	67	64	64	62	58	54	51	49
Private	23	21	21	22	22	22	20	19
Total	90	85	85	84	80	76	71	68
Dispensaries of Ministry of Health	561	498	404	292	237	206	190	187
Health Centres of Ministry of Health	287	301	317	339	372	360	343	334
Total	938	884	805	715	689	642	594	589

No. of Beds in Hospitals of Ministry of Health
and Private Hospitals, 1389-1398 (1979-1978)

Years	Index No. 1389=100	No. of Beds
1389	100.0	7704
1390	105.3	8109
1391	115.5	8897
1392	118.6	9136
1393	129.6	9954
1394	132.0	10166
1395	135.6	10445
1396	137.5	10589
1397	148.4	11430
1398	152.4	11740

Distribution of Beds in the Hospitals under
the Ministry of Health and Private Hospitals
Classified by Type of Use 1398 (1979)

Type of use of hospital beds	Private Hospitals	Ministry of Health
Internal Diseases	143	1300
Obstetrics and Gynecology	225	1090
Pediatrics	282	1148
Ophthalmology	82	334
Ear, Nose and Throat	30	189
Surgery	247	1766
Chest Diseases	2	1168
Dermatology	-	227
Neurology and Psychiatry	-	1104
Bone Diseases	-	474
Quarantine, Isolation and Different forms of Diseases	24	868
Other Diseases	293	744
Total	1328	10412

In-Patients & Out-Patients in hospitals and Health
Units of the Ministry of Health, 1389-1398 (1979-1978)

Years	Out-Patients		In-Patients	
	Index No. 1389=100	Number	Index No. 1389=100	Number
1389	100.0	12235497	100.0	111514
1390	97.2	11891096	116.5	129882
1391	102.3	12510959	133.2	148542
1392	117.7	14397098	146.1	162877
1393	137.0	16766815	167.8	187139
1394	160.3	19607835	197.8	220628
1395	172.3	21082054	219.3	244559
1396	184.3	22550503	237.9	265253
1397	192.2	23518426	268.1	298928
1398	205.2	25106833	277.7	309713

(資 料)

VII

KING ABDUL AZIZ UNIVERSITY HOSPITAL 提供資料

Medical Service in The Hospital

1. Medical Staff:
 - (1) Number of doctors: 98 doctors.
 - (2) Number of nurses: 163 Registered Nurses
 - (3) Number of para-medical staff: 43 Ward Clerks, Aides,
OR Technicians.
 - (4) Number of others: 181.

2. Number of Patients per year:
 - (1) In-patients: 4,542 admissions per year
 - (2) Out-patients: 30,422 visits for General Clinic per year
33,359 visits for Speciality Clinic per
year.

3. Number of Beds: 164 beds
 - (1) General: 156
 - (2) ICU: 2
 - (3) CCU: 4 (in planning)
 - (4) SCU:
Neonate ICU 2
 - (5) RCU:
 - (6) Others: 4

4. Number of Operations per year:
 - (1) Upper G.I.)
 - (2) Lung)
 - (3) Cardiovascular) Inpatient: 2,038 operations per
day
 - (4) Neuro surgery)
 - (5) Gynaecology) Outpatient: 383 operations per
year
 - (6) Orthopaedics)
 - (7) Others)

Laboratory System

1. Organization	Number of Technicians	Yes	No
- General (Urinalysis)	Chemical Path./RIA:	5	
- Blood Cell Count	Hematology:	1	
- Blood Chemistry	Blood Bank	2	
- Bacteriology	Histopathology	4	
- Serology	Microbiology	3	

- ECG, EEG, Pulmonary Function	Immunology	2
- Pathology	Parastiology	1
- Blood Transfusion	Cytology	1
- R.I.A.	Phlebotomy	1
	Lab. Aides	3
	Casual Hire Aides	3

2. Pathology

(1) Cytology

- Cervix
- Sputum
- Esophagus
- Others

Screeener

(2) Biopsy

1. Breast
2. Lymph Nodes
3. Esophagus
4. Stomach
5. Rectum
6. Others

(3)

1. Uterus
2. Breast
3. Esophagus
4. Lung
5. Stomach
6. Colon & Rectum
7. Liver
- 8.
9. Urine bladder
10. NPH
11. Others

3. Pathological Diagnostic Systems

(Free Wriling)

JICA