

CHAPTER 12 - AMERICAN MISSION HOSPITAL

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<i>Bed Utilization</i>	<i>2004</i>	<i>2003</i>	<i>2002</i>	<i>2001</i>	<i>2000</i>
Total Admissions	1,841	1,803	2,152	2,032	2,018
Total Discharges	1,824	1,654	2,138	2,032	2,004
Number of beds	40	40	40	40	40
Bed days available	14,640	14,600	14,600	14,600	14,640
Patient days-overnight	4,606	4,578	5,181	4,884	4,816
Patients days < 1 day	281	284	433	408	471
Total Patients days	4,887	4,862	5,614	5,292	5,287
Bed occupancy rate	33.4	33.3	38.5	36.2	36.2
Turnover rate	45.6	41.4	53.5	50.8	50.1
Turnover interval	5.3	5.9	4.2	4.6	4.6
Average daily admission	5.0	4.9	5.9	5.6	5.5
Average daily discharge	5.0	4.5	5.8	5.6	5.5
Average length of stay	2.7	2.9	2.6	2.6	2.6

<i>Service</i>	<i>2004</i>	<i>2003</i>	<i>2002</i>	<i>2001</i>	<i>2000</i>	
Private Ward (VIP)	3	3	3	3	3	
Medical/Surgical	21	21	21	21	21	/
Obstetrics/Gynecology	16	16	16	16	16	
Total	40	40	40	40	40	

<i>Department</i>	<i>Total</i>		<i>Dead</i>		<i>Alive</i>	
	<i>%</i>	<i>No.</i>	<i>%</i>	<i>No.</i>	<i>%</i>	<i>No.</i>
Medical	31.7	578	69.2	9	31.4	569
E.N.T	7.6	138	-	-	7.6	138
Obstetrics/Gynecology	41.5	757	30.8	4	41.6	753
Surgery	7.5	136	-	-	7.5	136
Paediatric	10.7	195	-	-	10.8	195
Ophthalmology	1.1	20	-	-	1.1	20
Total	100.0	1,824	100.0	13	100.0	1,811

Department	Total			Non-Bahraini			Bahraini			
	Total	Female	Male	Total	Female	Male	Total	Female	Male	
General Practice	60,478	27,471	33,007	38,427	15,958	22,469	22,051	11,513	10,538	
Dental	12,340	6,346	5,994	8,516	4,346	4,170	3,824	2,000	1,824	
Medical ¹	17,234	7,979	9,255	11,316	4,308	7,008	5,918	3,671	2,247	1
Obstetrics & Gynecology ²	20,399	20,399	-	11,661	11,661	-	8,738	8,738	-	2
Paediatrics	15,730	8,379	7,351	11,024	6,200	4,824	4,706	2,179	2,527	
Surgical	5,025	1,824	3,201	2,759	904	1,855	2,266	920	1,346	
Orthopedics	8,006	3,425	4,581	4,797	1,715	3,082	3,209	1,710	1,499	
E.N.T.	8,483	3,500	4,983	5,580	2,037	3,543	2,903	1,463	1,440	
Dermatology	5,540	2,141	3,399	4,099	1,449	2,650	1,441	692	749	
Total	153,235	81,464	71,771	98,179	48,578	49,601	55,056	32,886	22,170	

¹ Medical including Psychiatric and Ophthalmology visits.

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² Obstetrics & Gynecology including Antenatal visits.

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Category	Total			Non-Bahraini			Bahraini			
	Total	Female	Male	Total	Female	Male	Total	Female	Male	
Physicians	47	24	23	42	21	21	5	3	2	
Dentists	9	4	5	4	2	2	5	2	3	
Pharmacists & Technicians	14	8	6	12	6	6	2	2	-	
Nurses *	92	88	4	86	82	4	6	6	-	*
Dental Hygienists & Technicians	10	8	2	3	2	1	7	6	1	
Lab. Technologists & Technicians	11	5	6	7	2	5	4	3	1	
Radiographers & Technicians	5	5	-	5	5	-	-	-	-	
Physiotherapists & Technicians	2	2	-	2	2	-	-	-	-	

* Nurses excluding practical nurses and other grades below staff nurse .

*

<i>Births</i> <i>Nationality / type of delivery</i>	<i>Total Births</i>	<i>Still Births</i>	<i>Total Live Births</i>	<i>Live Births</i>				<i>/</i>
				<i>Premature</i>		<i>Full Term</i>		
				<i>Congenital Abnormalities</i>	<i>Normal</i>	<i>Congenital Abnormalities</i>	<i>Normal</i>	
Bahraini								
Normal Delivery								
Vertex	131	2	129	1	5	1	122	
Breech	1	-	1	-	-	-	1	
Assisted Delivery								
Vacuum	10	-	10	-	-	1	9	
Forceps	-	-	-	-	-	-	-	
Caesarian section	54	-	54	1	1	-	52	
Total Bahraini	196	2	194	2	6	2	184	
Non-Bahraini								
Normal Delivery								
Vertex	117	-	117	-	7	2	108	
Breech	-	-	-	-	-	-	-	
Assisted Delivery								
Vacuum	23	-	23	-	-	1	22	
Forceps	3	-	3	-	-	-	3	
Caesarian section	73	-	73	-	3	2	68	
Total Non- Bahraini	216	-	216	-	10	5	201	
Total	412	2	410	2	16	7	385	

<i>Department</i>	<i>Procedure Type</i>		
	<i>Total</i>	<i>Minor</i>	<i>Major</i>
General Surgery	1,314	1,227	87
Orthopedics & Fracture	67	50	17
Urology	-	-	-
Plastic Surgery	20	4	16
Paediatrics	-	-	-
Ear, Nose & Throat	180	42	138
Ophthalmology	27	7	20
Gynecology	204	160	44
Obstetrics	130	5	125
Dental	38	22	16
Endoscopies	61	61	-
Total	2,041	1,578	463

	Post operation days				Pre operation days				Department
	Avg.L.S.	Median	Max.	Min.	Avg.L.S.	Median	Max.	Min.	
Disch.									
578	Medical
136	Surgery
20	Ophthalmology
138	Ear, Nose & Throat
-	Dental
195	Paediatrics
-	Orthopedics & Fracture
-	Plastic Surgery & Burns
757	Obstetrics/Gynecology

Note: (...) Not Available.

(...):

<i>Type of Treatment</i>	<i>Total</i>			<i>Non-Bahraini</i>			<i>Bahraini</i>		
	<i>Total</i>	<i>Female</i>	<i>Male</i>	<i>Total</i>	<i>Female</i>	<i>Male</i>	<i>Total</i>	<i>Female</i>	<i>Male</i>
General treatment	11,561	5,789	5,772	8,358	4,145	4,213	3,203	1,644	1,559
Gum treatment	4,276	2,008	2,268	2,883	1,346	1,537	1,393	662	731
Nerve	1,329	730	599	954	533	421	375	197	178
Surgical treatment	265	130	135	184	80	104	81	50	31
Filling	4,608	2,339	2,269	3,217	1,648	1,569	1,391	691	700
Extraction	1,466	705	761	899	421	478	567	284	283
Denture	148	74	74	118	60	58	30	14	16
Other	5,457	2,963	2,494	3,644	1,948	1,696	1,813	1,015	798
Total	29,110	14,738	14,372	20,257	10,181	10,076	8,853	4,557	4,296

Total			2 - 5 years			1 - 2 years			Ø Below 1 year			Type of vaccine	
Total	Non-Bahraini	Bahraini	Total	Non-Bahraini	Bahraini	Total	Non-Bahraini	Bahraini	Total	Non-Bahraini	Bahraini		
												Hepatitis B/DPT/HIB	/ () () /
809	584	225	9	6	3	22	16	6	778	562	216	Dose 1	
664	524	140	20	17	3	3	3	-	641	504	137	Dose 2	
684	576	108	6	6	-	36	35	1	642	535	107	Dose 3	
211	51	160	64	51	13	147	-	147	NA	NA	NA	Booster 1 dose	
88	43	45	49	43	6	39	-	39	NA	NA	NA	Booster 2 dose	
												Poliomyelitis	Ø Ø
521	424	97	1	-	1	302	301	1	218	123	95	Dose 1	
188	126	62	10	6	4	1	-	1	177	120	57	Dose 2	
190	124	66	5	1	4	19	-	19	166	123	43	Dose 3	
174	103	71	6	4	2	162	97	65	6	2	4	Booster 1 dose	
88	84	4	88	84	4	NA	NA	NA	NA	NA	NA	Booster 2 dose	
												Mumps, Measles, Rubella	
231	209	22	16	15	1	215	194	21	NA	NA	NA	Dose 1	
137	122	15	131	119	12	6	3	3	NA	NA	NA	Dose 2	

<i>Type of Test</i>	<i>2004</i>	<i>2003</i>	<i>2002</i>	<i>2001</i>	<i>2000</i>
Clinical chemistry of blood	66,888	64,049	* 62768	* 57119	* 58971
Microbiology	9,780	13,869	14,984	15,100	13,799
Serology & immunology	18,685	24,645	* 26523	* 23340	* 22406
Mycology & parasitology	7,268	8,961	10,781	11,843	11,331
Hematology	74,927	23,204	24,197	22,319	20,748
Other laboratory tests	3,149	3,093	5,568	3,667	4,462
Total	180,697	137,821	144,821	133,388	131,717

* *Clinical chemistry of blood and serology & immunology data was modified for 2000, 2001 & 2002 .*

. 2002 2001 , 2000

<i>Procedure</i>	<i>Total</i>			<i>Non-Bahraini</i>			<i>Bahraini</i>			
	<i>Total</i>	<i>Female</i>	<i>Male</i>	<i>Total</i>	<i>Female</i>	<i>Male</i>	<i>Total</i>	<i>Female</i>	<i>Male</i>	
Plain & general radiography	13,319	6,737	6,582	8,132	3,910	4,222	5,187	2,827	2,360	
Radiography with contrast media	214	127	87	127	75	52	87	52	35	
Total	13,533	6,864	6,669	8,259	3,985	4,274	5,274	2,879	2,395	

Cause of Death	Total			48 48hrs & over			48 Ø Less than 48 hrs			Sex	ICD10 Code
	Total	Non-Bah	Bah	Total	Non-Bah	Bah	Total	Non-Bah	Bah		
Neoplasms	-	-	-	-	-	-	-	-	-	- Male	C00-D48
	1	-	1	1	-	1	-	-	- Female		
	1	-	1	1	-	1	-	-	- Total		
Endocrine, nutritional and metabolic diseases	-	-	-	-	-	-	-	-	-	- Male	E00-E90
	1	-	1	1	-	1	-	-	- Female		
	1	-	1	1	-	1	-	-	- Total		
Mental and behavioural disorders	1	-	1	1	-	1	-	-	-	- Male	F00-F99
	-	-	-	-	-	-	-	-	- Female		
	1	-	1	1	-	1	-	-	- Total		
Diseases of the respiratory system	2	1	1	1	-	1	1	1	-	- Male	J00-J99
	3	-	3	3	-	3	-	-	- Female		
	5	1	4	4	-	4	1	1	- Total		
Symptoms, signs and abnormal clinical and laboratory findings not elsewhere classified	1	-	1	1	-	1	-	-	-	- Male	R00-R99
	-	-	-	-	-	-	-	-	- Female		
	1	-	1	1	-	1	-	-	- Total		
Total	4	1	3	3	-	3	1	1	- Male		
	5	-	5	5	-	5	-	-	- Female		
	9	1	8	8	-	8	1	1	- Total		

<i>Male</i>						<i>Female</i>						<i>العالم Grand Total</i>	<i>DISCH DOC ALS</i>	<i>Principal Diagnosis</i>	<i>ICD10 Code</i>
<i>Age Groups</i>						<i>Age Groups</i>									
<i>Total</i>	<i>65+</i>	<i>45-64</i>	<i>15-44</i>	<i>1-14</i>	<i><1</i>	<i>Total</i>	<i>65+</i>	<i>45-64</i>	<i>15-44</i>	<i>1-14</i>	<i><1</i>				
594	35	110	242	182	25	1,230	27	95	922	162	24	1,824	DISCH	...	
...	...	...	...	...	...	...	...	...	...	...	...	...	DOC	...	
...	...	...	...	...	...	...	...	...	...	...	...	...	ALS	...	
594	35	110	242	182	25	1,230	27	95	922	162	24	1,824	DISCH		
...	...	...	...	...	...	...	...	...	...	...	...	...	DOC	Grand Total	
...	...	...	...	...	...	...	...	...	...	...	...	...	ALS		

DISCH: Discharges

DOC : Days of Care (by number of discharges)

ALS : Average Length of Stay