

1998年度MCHセンタースタッフ意識調査について

昨年度に引き続き、MCHセンターのスタッフ348人を対象にした意識調査を1998年5月に実施した。調査内容は、昨年度と同じユーザーフィー・システムに関する項目と、新たに労働時間や生活費の額、センター利用者増に必要な要素等についてスタッフの意識を問うことにした。

回答率は83%。調査結果から浮かび上がってくるのは、あるべき病院の姿や医療サービス向上の必要性について認識してはいるが、政府から支給される給与の低いことがすべての活動の足枷となっているセンターの現状である。

患者にとってのユーザーフィー・システムを、スタッフ7割が肯定的にとらえている。理由は、プライベートの病院より料金が安く良い医療サービスが受けられるため。しかし、料金が裕福な層には安すぎ、貧困層には高すぎる、という声も多く、今後の料金設定を考慮する上で参考となる意見が出されている。

一方、給与補填としてのユーザーフィー・システムには賛成しているものの、その配分額を不満足とする意見が半数近くあり、配分システムに不満足な回答は3分の2に昇る。理由の一つは、実際の労働・能力に見合った配分ではないというもの、もう一つは職種あるいは職位により配分に差があって当然とする理由である。これらの理由から、人事考課を導入してもスタッフに受け入れられる素地はあると考えられる。しかし、能力主義だけ、あるいはいわゆる年功主義だけでは不満足層が必ず残り、また、現在の比較的横並びの配分に満足している層も3分の1は存在することから、人事考課には相当の工夫が必要となる。

センターでのMMRを低下させることで、センターの評価が高まり、患者数も増え、それにより病院の収入が増える、という一連のステップにおいてどのようなサービスが必要か、との質問に対して、いずれも患者に対する親切な対応や適切な看護・医療ケアが回答の上位を占めたことから、センターの在るべき姿について、スタッフの認識は十分あると言える。センターの自己評価と患者評価には若干ずれがあり、自己評価の方が高くなっているが、いずれも清潔で設備が整っている点では良く、患者への対応やセンターの評判は普通か悪いという回答が増える傾向にある。また、センターの抱える問題としては、収入36%、スタッフ間のコミュニケーション22%、患者サービス17%という回答率で、問題の所在も明らかになっている。

最後にJICAへの要望を回答してもらったが、4割強が給与の増額・ユーザーフィーの配分増を求めており、2割弱が機材や技術、研修・教育の支援を要望している。なお、要請してもJICAは何もしてくれない、というプロジェクトの主体者を取り違えた回答も見られたため、カンボディア側が主体となってプロジェクトが運営されていることを再確認し、出された要請に対しJICA側の考えをスタッフに伝える機会を設定した。

Report Income and Expense of User-Fee System on Dec. 1998

M	Income of User-fee	Cant. + Mo. + Aud. + Inter.	Total Income	49% Incentive Staff	50% Running cost								1% National Budget	Total Expenses	BALANCE	
					Duty	4%	Secur.	Tempor. Staff	Materials for Maintenance	Materials for Using (B.f.M)	Drug&Med. Materials (B.f.M)	Other				
Jul.	138,543,900	2,145,000	140,688,900	67,680,500	15,592,500	2,764,000	792,000	2,251,100	552,210	18,099,177	17,214,855	1,410,234.95	1,475,216	127,631,792.95	12,857,107.05	
					Received from the store & used all (NB, JICA, AID, USER-FEE) =							38,341,580	riel and \$	1,923		283,961,185.45
Aug.	138,735,200	8,215,000	144,950,200	67,919,200	15,880,000	2,768,400	792,000	2,362,600	3,512,350	3,986,070	13,380,883	387,600	1,406,889	112,375,994.75	32,574,205.25	
					Received from the store & used all (NB, JICA, AID, USER-FEE) =							48,255,369				318,535,396.70
Sep.	130,809,000	1,369,500	132,178,500	64,029,100	15,768,300	2,811,700	792,000	2,378,900	1,339,700	5,554,219	14,235,159	1,039,813	1,449,502	109,198,393.00	22,980,107.00	
					Received from the store & used all (NB, JICA, AID, USER-FEE) =							53,547,173				339,615,497.70
Oct.	144,042,400	1,369,500	145,411,900	70,519,200	16,439,400	2,873,600	792,000	2,585,300	1,691,468	7,215,991.80	17,113,111	668,150	1,321,785	128,818,144.41	16,593,755.59	
					Received from the store & used all (NB, JICA, AID, USER-FEE) =							45,806,942				358,109,253.29
Nov.	148,573,400	1,864,500	150,437,900	72,734,700	18,161,900	2,987,100	792,000	2,640,700	3,214,449.80	17,234,823	14,762,040	2,528,418.60	1454119	134,491,250.40	15,946,649.60	
					Received from the store & used all (NB, JICA, AID, USER-FEE) =							40,491,298				372,055,902.89
Dec.	145,248,800	1,369,500	146,618,100	72,065,954	15,851,100	2,898,800	792,000	2,601,300	484,500	1,407,414	18,053,817.40	794,150	1,504,379	114,273,414.40	32,344,685.60	
					Received from the store & used all (NB, JICA, AID, USER-FEE) =											404,400,688.49

B.f.M = Bought from Market

Approved by
Director of NMCHC

Phnom Penh, 05 January 1999

Head of Accounting office

Monthly Report Budget of User-Fee System on Dec. 98

Cha.	Arti.	Para.	S.para	DESCRIPTION	INCOME	EXPENSE	BALANCE
				A-INCOME	146,618,100.00		
				Income of user-fee	145,248,600.00		
				Cant.+moto park.+audit.interest income	1,369,500.00		
				B-EXPENSE	113,294,560.40		
				a) Running cost (50%)			
				Duty	15,651,100		
				Security	792,000		
				Temporary staff	2,601,300		
11	01	01	02	Preparing and repairing	234,500		
11	01	02		Small equipment			
11	01	03		Telecommunication(Jun.& Jul)			
11	01	04		Printing & office supplies	902,614		
11	01	07	01	Repairing the car	260,000		
11	01	08	01	Reception for International dele.	4,000		
11	01	08	02	Reception for national dele.	10,000		
11	01	09	01	National & custom ceremony			
11	01	10		Uniform			
11	01	12	01	Education	105,000		
11	01	13		Broadcast & Dissemination			
11	01	14	01	Drug	5,707,920.40		
11	01	14	02	Medical materials	10,345,897		
11	01	14	06	Cleaning	190,000		
11	01	14	07	Hygiene materials	494,800		
11	01	14	10	Baby died	108,000		
11	01	99		Other expenses	377,150		
				4%	2,898,800		
				a) Running cost (50%)	40,683,081		
				b) Incentive staff (49%) + Party	72,085,954		
				c) National budget 1% for Nov.98	1,504,379		
				Grand total for expenses (a+b+c)	114,273,414.40		
				Grand Total for Exp.& Income	146,618,100	114,273,414.40	
				Balance this month			32,344,685.60
				Balance last month			372,055,902.89
				Grand balance			404,400,588.49

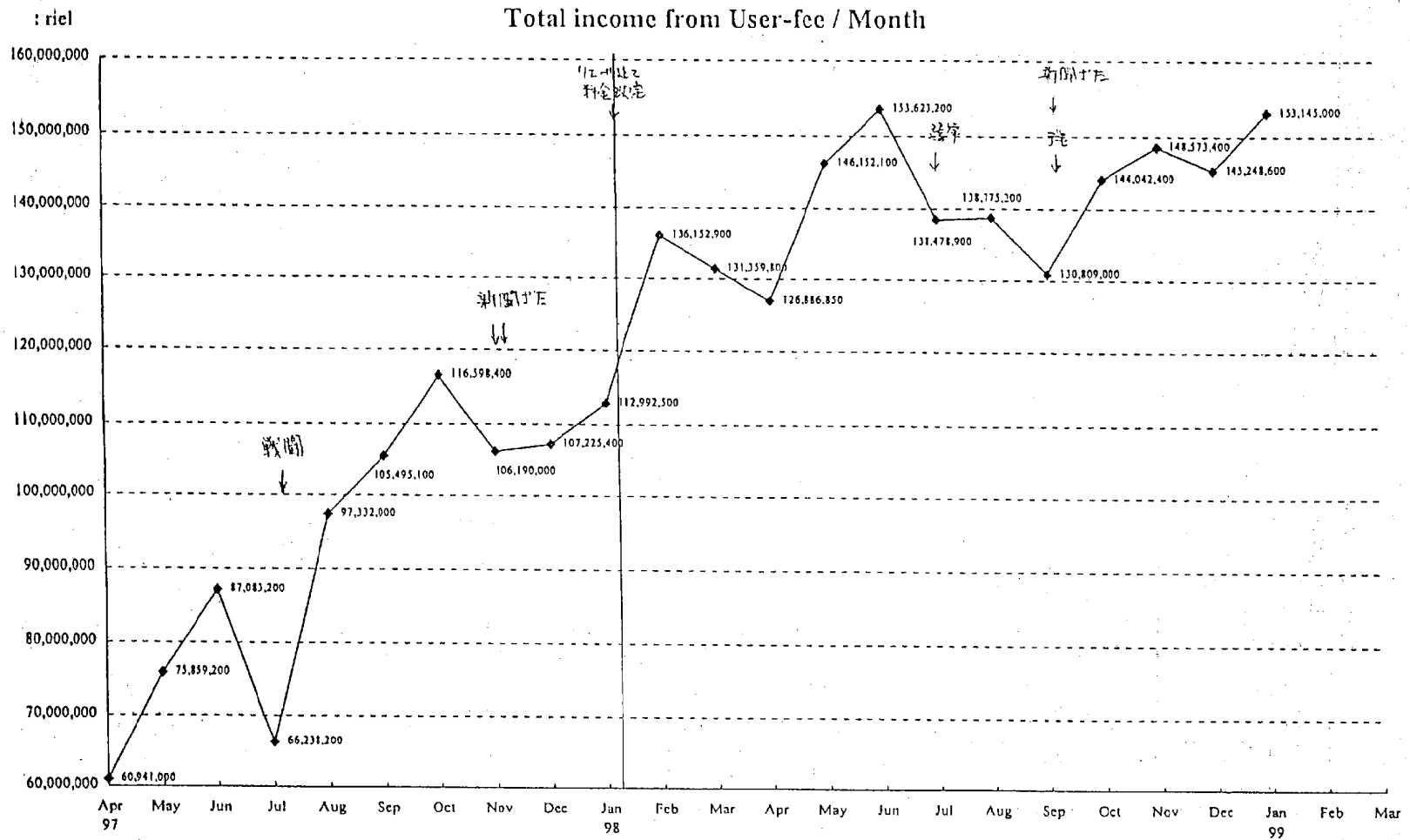
OTHER INFORMATION

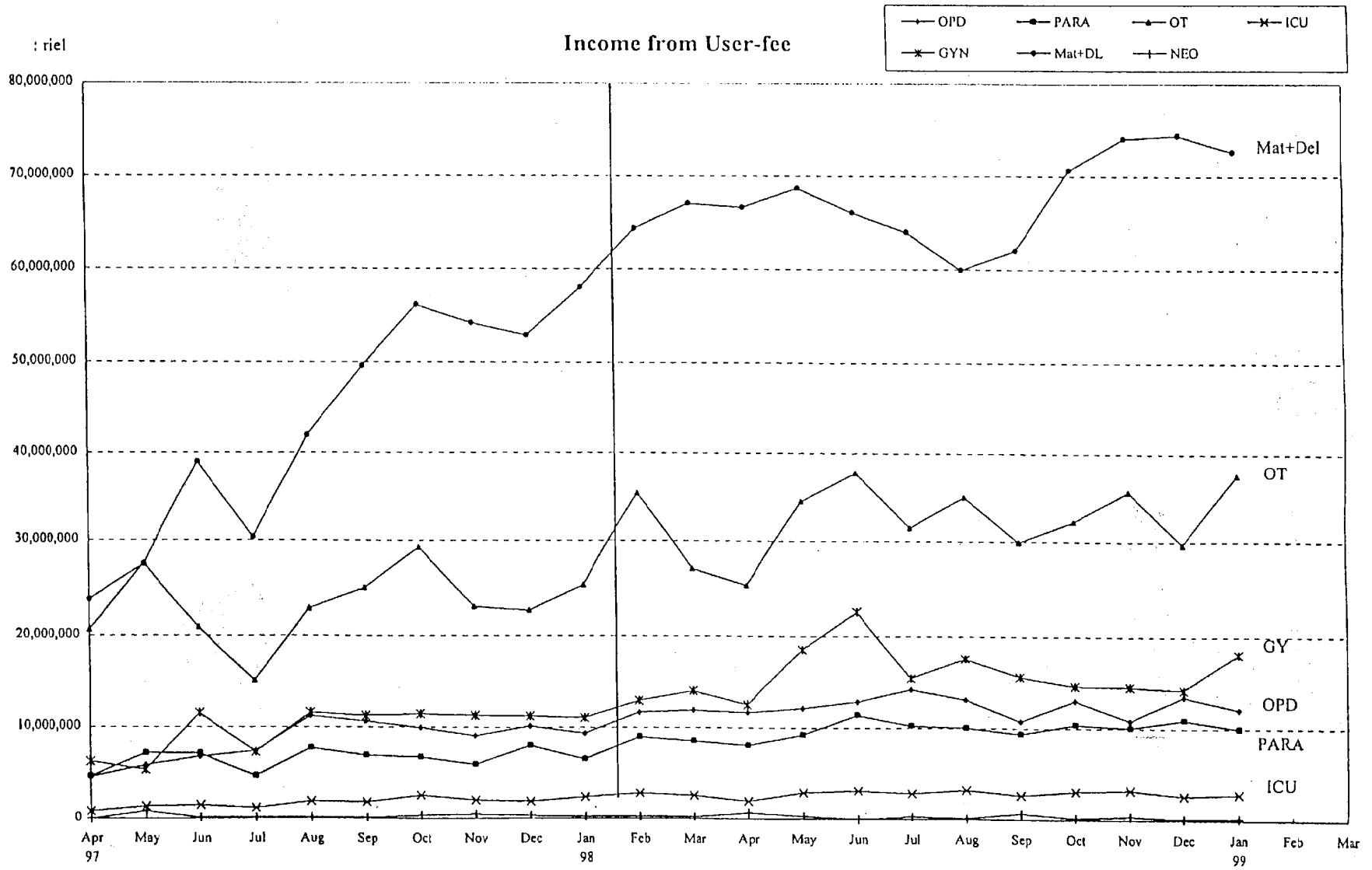
1. Cash in bank	Interest Income	204,400,000.00	
.Saving account	1%	84,400,000.00	interest income=2,400,000
.Fixed account	1.20%	120,000,000.00	
2. Gov. borrow from user fee total		31,137,120.00	
October salary		16,450,120.00	
Patient food for Dec.98		3,072,000.00	
.Repairing car		11,615,000.00	
Total of other information (1+2)		235,537,120.00	
Cash on hand			168,863,468.49

Approved by
Director of MCH

Phnom Penh, 05 January 1999
Head of Accounting office

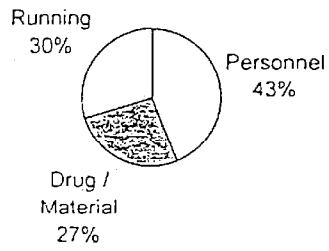
Monthly report



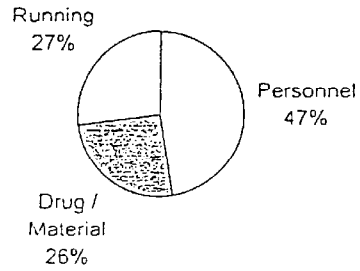


Income	National Budget	User fee	NMCHC, others	JICA	Other AID
1997, Mid	329,213,465.16	528,318,900.00	6,561,000.00	162,954,000.22	89,318,069.50
1998, 1st	334,985,247.64	862,753,350.00	10,668,000.00	117,834,420.00	60,755,934.01
Expense	Personnel	Drug/Material	Running	Revenue	
1997, Mid	486,459,750.00	298,596,354.00	331,688,328.60	48,491,949.28	
1998, 1st	638,983,686.00	348,179,837.83	365,414,708.00	34,418,719.82	

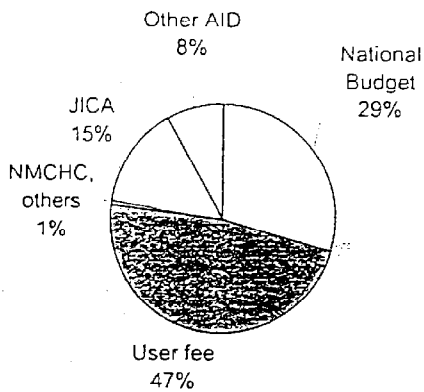
1997, Mid Half (Expense)
Total 1,116,744,432.60 Riel



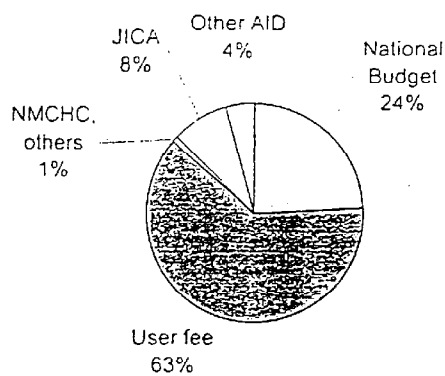
1998, 1st Half (Expense)
Total 1,352,578,231.83 Riel



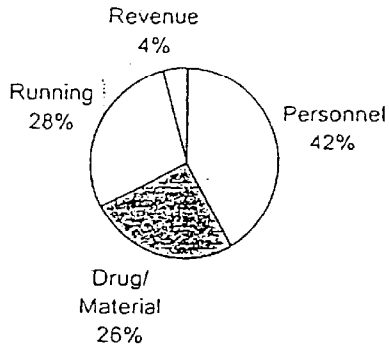
1997, Mid Half (Income)
Total 1,165,236,381.88 Riel



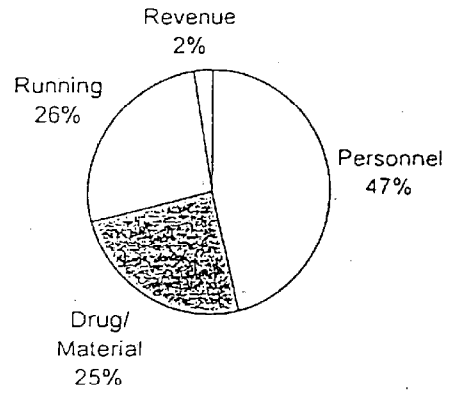
1998, 1st Half (Income)
Total 1,386,956,951.45 Riel



1997, Mid Half
(Expense+Revenue)
Total 1,165,236,381.88 Riel

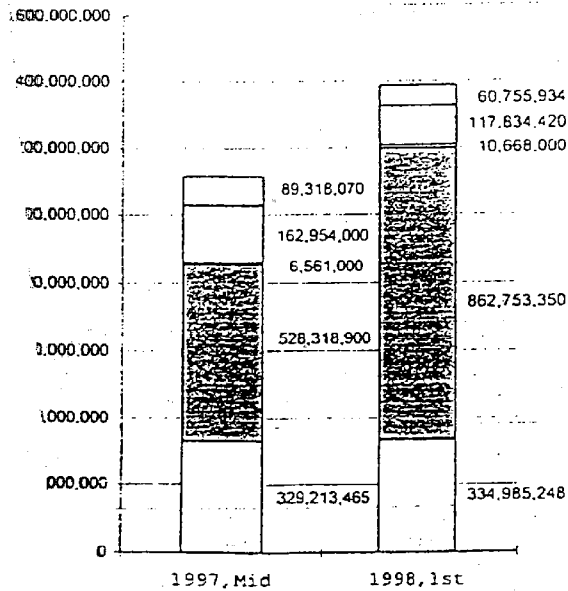


1998, 1st Half
(Expense+Revenue)
Total 1,386,996,951.65 Riel



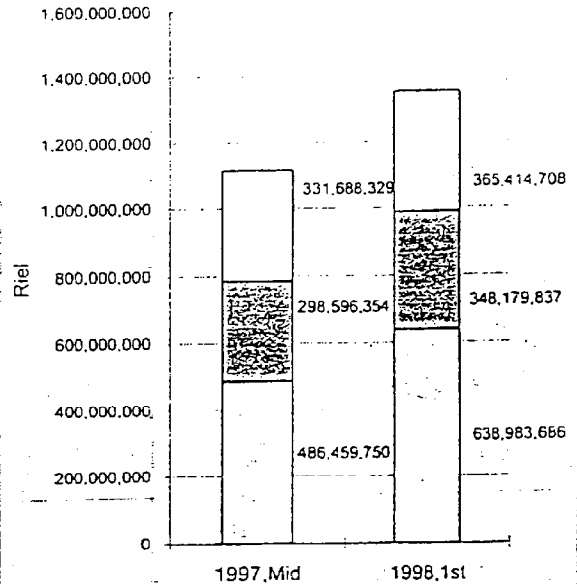
Income
in 6 months

- Other AID
- JICA
- NMCHC, others
- User fee
- National Budget

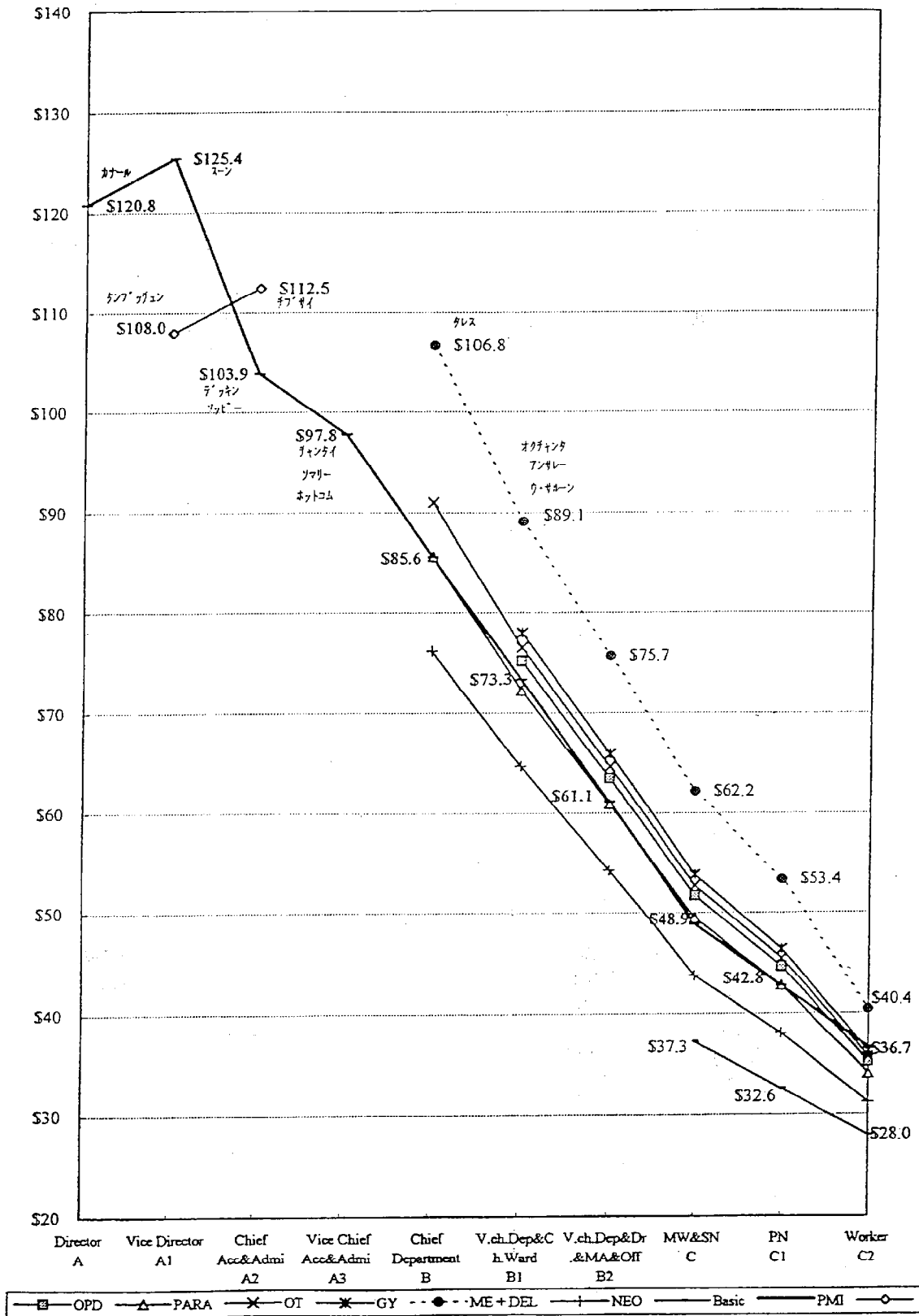


Expense
in 6 months

- Running
- Drug/Material
- Personnel



User-fee Allocation in each service December 1998
(1\$=3,800riels)



Exemption Report in December 1998

Register	account	Technical Report	Partial Exemption								All Exemption				Run away case						Full Paid but go home without permission	
			Staff				Guest				Staff		Guest		Parcial Paid			No Paid			No.	Total
			No	Total	Receive	Exempt	No	Total	Received	Exemptio	No	Exemptio	No	Exemptio	No.	Total	Received	No paid	No.	Total		
OPD																						
ANC	1st	928	932	719									1	5.000								
	2nd	394	381	371																		
	3rd	252	250	267																		
	4th	174	168	188																		
	5th	272	278	265																		
GY		525	519	404					2	69.000	22.000	47.000	1	4.000	1	4.000						
B/S		261	185	271																		
Vaccination		1.169	1.066	1.081																		
Dental		93	39	86									6	26.000	1	4.000						
No dclivery		36	36																			
Para-clinic																						
ECHO		553	614	605					1	13.000	10.000	3.000	2	35.000	4	52.000						
ECC		22	19	23									1	23.000	1	13.000						
X-ray		116	139	146									10	94.000								
Labo		45	98	1.014											1	14.500						
IPD																						
OT			103	86																		
ICU			108																			
GY		108	151	109					19	7.427.500	4.957.500	2.470.000	1	594.500	1	637.000	11	2.123.500	1.205.400	918.100		
Mat.E		303	375	303					14	3.963.000	2.623.500	1.339.500	1	306.000	3	221.000	6	1.625.000	863.500	761.500		
Mat.W		326	391	318					13	2.436.500	1.601.500	835.000			3	286.000	4	955.000	356.500	598.500		
NCU		55	4	71																		
Emergency																						
Total		0	0	0	0	49	13.909.000	9.214.500	4.694.500	22	1.082.500	16	1.236.500	21	4.703.500	2.425.400	2.278.100	6	668.500	0		

Exemption case
 Expected : 16.228.000
 Received : 9.214.500
 Exempted : 7.013.500
 (For Guest) : 5.931.000
 (For Staff) : 1.082.500

Run away case
 Expected : 5.372.000
 Received : 2.425.400
 Non-recieved : 2.946.600

Total No. of Exemption: 87
No. of partial Paid : 49
No. of Non-Paid: 38
Total No. of Runaway: 27
No. of partial Paid : 21
No. of Non-Paid: 6

User-fee income in Month : 145.248.600
Total expected Income : 155.208.700
 (User-fee income + Total amount of Exemption + Runaway)

% of Exemption In User-fee : 6,42%
 (Total amount of Exemption+ Runaway / Total expected income)
% of Exemption Guest : 3,82%
% of Runaway Guest : 1,90%
% of Exemption for Staff : 0,70%

Exemption report in 1998

	June	July	August	Septem.	October.	Novem.	Decem.
Patients N°							
Total N° of OPD Patients	3,731	3,890	3,867	3,458	3,797	3,488	4,104
Total N° of Paraclinic	792	790	712	652	731	634	736
Total N° of IPD Patients	749	683	678	271	775	824	792
Total N° of Patients	5,272	5,363	5,257	4,381	5,303	4,946	5,632
N° of Partial Pay	52	33	50	52	69	52	49
N° of full exemption	49	32	42	48	46	29	38
Total N° of Exemption	101	65	92	100	115	81	87
Run away case	14	13	15	15	23	19	27
% of Patial Pay	0.99%	0.62%	0.95%	1.19%	1.30%	1.05%	0.87%
% of full exemption	0.93%	0.60%	0.80%	1.10%	0.87%	0.59%	0.67%
Total % of exemption	1.92%	1.21%	1.75%	2.28%	2.17%	1.64%	1.54%
% of Run away case	0.27%	0.24%	0.29%	0.34%	0.43%	0.38%	0.48%
Amount of money							
User-fee income	153,523,200	138,543,900	138,735,200	130,809,000	144,042,400	148,573,400	145,248,600
Total expected income	162,804,400	143,296,100	147,419,400	140,790,500	157,926,000	155,885,000	155,208,700
Exempted Guest	8,946,000	4,419,100	7,095,000	8,204,500	10,575,100	5,170,500	5,931,000
Runaway Guest		157,900	1,202,200	1,219,000	3,008,500	1,855,500	2,946,600
Exemption for Staff	335,200	175,200	387,000	558,000	300,000	285,600	1,082,500
Exemption in User-fee	9,281,200	4,752,200	8,684,200	9,981,500	13,883,600	7,311,600	9,960,100
% of Exemption Guest	5.49%	3.08%	4.81%	5.83%	6.70%	3.32%	3.82%
% of Runaway Guest	0.00%	0.11%	0.82%	0.87%	1.90%	1.19%	1.90%
% of Exemption Staff	0.21%	0.12%	0.26%	0.40%	0.19%	0.18%	0.70%
% of Exemption in User-fee	5.70%	3.32%	5.89%	7.09%	8.79%	4.69%	6.42%

EXPENSES OF DEPT. OF HEALTH & MEDICAL MATERIELS DECEMBER 1998

12/31/98

Grand TOTAL = 38.737.311

To.Me 16.362.011

To.Mat 22.375.300

CMS	ME	MW	GY	DELI	OT	ICU	NCU	O P D	ECHO	ECG	DENT	LABO	X- RAY	CSSD	POD.Ph	TOTAL
Oral me	343.933	344.134	46.748	68.470	0	357	0	992.708	0	0	0	0	0	0	143.924	1.940.273
Others	32.244	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Injection	730.983	614.580	1.018.321	449.062	768.942	745.108	216.809	32.619	0	0	69.498	0	0	0	0	4.645.921
Perfusio	271.034	264.209	502.008	245.623	354.839	714.191	110.553	23.958	0	0	0	0	0	0	0	2.486.436
Materiel	52.370	65.133	138.517	318.523	433.041	130.134	195.259	81.736	0	0	29.413	195.701	622.860	2.620.388	0	4.883.075
Total =	1.430.583	1.288.055	1.705.593	1.081.680	1.556.822	1.589.789	522.622	1.131.021	0	0	98.911	195.701	622.860	2.620.388	143.924	13.955.705

Grand Total Used of CMS = 13.955.705

User-fee	ME	MW	GY	DELI	OT	ICU	NCU	O P D	ECHO	ECG	DENT	LABO	X- RAY	CSSD	POD.Ph	TOTAL
Oral me	247	247	4.211	31.258	0	0	57.015	0	0	0	0	0	0	0	0	92.979
Others	82.601	91.392	57.120	164.216	434.970	92.819	19.402	249.168	169.200	0	0	0	17.573	0	0	1.378.461
Injection	546.006	758.479	1.254.137	44.858	6.738	591.501	132.182	8.375	0	0	0	0	0	0	0	3.342.277
Perfusio	0	46560,8	162962,8	162962,8	1280422	675131,6	0	139682,4	0	0	0	0	0	0	0	2467722,4
Materiel	351.777	296.912	471.446	4.030.246	2.151.260	150.969	996.254	931.670	517.044	0	259.207	256.509	100.520	0	0	10.514.513
Total =	980.631	1.193.591	1.949.877	4.433.541	3.873.390	1.510.420	1.205.553	1.328.895	686.244	0	259.207	256.509	118.093	0	0	17.795.952

Grand Total Used of User-Fee = 17.795.952

Jica	ME	MW	GY	DELI	OT	ICU	NCU	O P D	ECHO	ECG	DENT	LABO	X- RAY	CSSD	POD.Ph	TOTAL
Oral me	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Injection	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Perfusio	0	0	0	0	0	0	7942	0	0	0	0	0	0	0	0	7942
Materiel	0	0	0	54720	6724480	0	22800	0	0	0	0	175712	0	0	0	6977712
Total =	0	0	0	54.720	6.724.480	0	30.742	0	0	0	0	175.712	0	0	0	6.985.654

Grand Total Used of Jica = 6.985.654

Total	ME	MW	GY	DELI	OT	ICU	NCU	O P D	ECHO	ECG	DENT	LABO	X- RAY	CSSD	POD.Ph	TOTAL
Oral me	344.180	344.381	50.959	69.728	0	357	57.015	992.708	0	0	0	0	0	0	143.924	2.033.251
Others	114.845	91.392	57.120	164.216	434.970	92.819	19.402	249.168	169.200	0	0	0	17.573	0	0	1.378.461
Injection	1.276.989	1.373.060	2.272.458	493.920	775.679	1.336.609	348.991	40.995	0	0	69.498	0	0	0	0	7.988.198
Perfusio	271.034	310.769	664.971	408.588	1.635.261	1.389.322	118.495	163.640	0	0	0	0	0	0	0	4.962.101
Materiel	404.147	362.045	609.963	4.403.488	9.308.781	281.103	1.215.013	1.013.406	517.044	0	288.620	627.922	723.381	2.620.388	0	22.375.300
Total =	2.411.214	2.481.647	3.655.470	5.569.941	12.154.692	3.100.209	1.758.917	2.459.916	686.244	0	358.118	627.922	740.953	2.620.388	143.924	38.737.311

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TOTAL DEC

Grand TOTAL = 38.737.311

CMS	ME	MW	GY	DELI	OT	ICU	NCU	OPD	ECHO	ECG	DENT	LABO	X-RAY	CSSD	POD.Ph	TOTAL
Medica	1.378.213	1.222.923	1.567.076	763.157	1.123.781	1.459.655	327.363	1.049.285	0	0	69.498	0	0	0	143.924	9.072.630
Materiel	52.370	65.133	138.517	318.523	433.041	130.134	195.259	81.736	0	0	29.413	195.701	622.860	2.620.388	0	4.883.075

To. Md. 9.072.630

To. Mat. 4.883.075

User. Fe	ME	MW	GY	DELI	OT	ICU	NCU	OPD	ECHO	ECG	DENT	LABO	X-RAY	CSSD	POD.Ph	TOTAL
Medica	628.854	896.679	1.478.431	403.295	1.722.130	1.359.451	208.599	397.226	169.200	0	0	0	17.573	0	0	7.281.439
Materiel	351.777	296.912	471.446	4.030.246	2.151.260	150.969	996.954	931.670	517.044	0	259.207	256.509	100.520	0	0	10.514.513

To. Md. 7.281.439

To. Mat. 10.514.513

Jica	ME	MW	GY	DELI	OT	ICU	NCU	OPD	ECHO	ECG	DENT	LABO	X-RAY	CSSD	POD.Ph	TOTAL
Medica	0	0	0	0	0	0	7.942	0	0	0	0	0	0	0	0	7.942
Materiel	0	0	0	54.720	6.724.480	0	22.800	0	0	0	0	175.712	0	0	0	6.977.712

To. Md. 7.942

To. Mat. 6.977.712

Date 27/01/99

Chief of Pharmacy

cdwl

Total amount of consumption in each ward on December 1998

		November								Grand total	
		Material store				Drug and Medical material					
		Government	AID	User-fee		Total	CMS	User-fee	JICA		Total
				Planning	Emergency						
OFFICE	ACC	541,380	8,155	1,189,328	121,400	1,860,263					1,860,263
	Admi	136,800				136,800					136,800
	Tech	977,760		2,898,015	4,000	3,879,775					3,879,775
	ND	6,480	60	18,880		25,420					25,420
	Laund	113,400	175	50,396		163,971					163,971
	GA				184,000	184,000					184,000
	Engineer	7,560	115	16,800		24,475					24,475
WARD	ME	900,630	100	91,258		991,988	1,430,583	980,631		2,411,214	3,403,202
	MW	1,603,310	1,320	55,358		1,659,988	1,288,055	1,193,591		2,481,646	4,141,634
	Deli	202,030	121	228,420		430,571	1,081,680	4,433,541	54,721	5,569,942	6,000,512
	GY	1,678,965	212	50,292		1,729,469	1,705,593	1,949,877		3,655,470	5,384,939
	OT	1,835,760	80	37,174		1,873,014	1,556,822	3,873,390	6,724,480	12,154,692	14,027,706
	ICU	1,216,870	132	35,590		1,252,592	1,589,789	1,510,420		3,100,209	4,352,801
	NCU	1,772,040	1,350	143,204	60,800	1,977,394	522,622	1,205,553	30,742	1,758,917	3,736,311
	OPD	3,637,450	280	46,462		3,684,192	1,131,021	1,328,895		2,459,916	6,144,108
	Dent					0	98,911	259,207		358,118	358,118
	ECHO	446,810	100	328,138		775,048		686,244		686,244	1,461,292
	ECG					0				0	0
	Labc	1,073,400		15,000		1,088,400	195,701	256,509	175,712	627,922	1,716,322
	X-ray	18,120	80	16,400		34,600	622,860	118,093		740,953	775,553
CSSD	477,120	40			477,160	2,620,388			2,620,388	3,097,548	
Phar	27,360				27,360	143,924			143,924	171,284	
NATIONAL P	Training					0				0	0
	PEV					0				0	0
	B/S					0				0	0
	ARI					0				0	0
	Nutri	38,880		890		39,770					39,770
	Others					0					0
Total amount		16,712,125	12,320	5,221,603	370,200	22,316,248	13,987,949	17,795,951	6,985,655	38,769,555	61,085,802

Total amount of General consumption in each ward on 1998

Materials

	March	April	May	June	July	August	September	October	November	December
ACC	1,963,845	118,600	1,120,860	121,590	1,611,305	1,554,230	1,474,212	1,334,212	158,713	1,860,263
Admi	101,800	156,750	130,800	147,400	144,654	2,780,890	125,790	341,520	171,030	136,800
Tech	482,650	9,067,490	5,613,820	1,352,790	3,013,736	515,115	3,411,102	481,253	633,602	3,879,775
ND	391,200		1,141,700	13,623	82,860	-	414,653	914,600	-	25,420
Laund	145,225	181,205	131,735	141,005	119,055	107,120	161,007	116,029	129,365	163,971
GA	17,160	1,103,995	638,440	5,659,285	1,916,635	3,407,214	1,946,450	5,061,740	738,488	184,000
Engineer							78,500	639,475	-	24,475
ME	36,800	406,305	179,760	101,533	173,835	185,410	473,546	6,650	306,440	991,988
MW	99,100	136,835	315,730	86,320	105,260	371,215	231,635	40,350	589,383	1,659,988
Deli	459,475	1,177,050	2,179,660	412,090	2,727,196	2,561,516	430,375	296,369	2,916,901	430,571
GY	477,655	513,150	148,640	199,027	188,730	180,965	363,075	153,715	441,147	1,729,469
OT	291,035		294,930	421,100	251,494	148,885	184,300	224,652	196,867	1,873,014
ICU	94,555	130,640	360,118	149,620	6,295,033	162,735	214,350	96,050	103,055	1,252,592
NCU	950,465	198,770	278,495	616,184	208,359	280,266	316,673	711,804	303,757	1,977,394
OPD	127,480	310,725	1,026,587	898,220	4,577,612	881,620	251,680	1,087,885	341,730	3,684,192
Dent	4,240	8,900	10,330	10,260	13,360	5,210	-	24,610	-	-
ECHO	95,660	61,860	82,065	113,970	83,360	2,257,970	63,430	299,820	59,434	775,048
ECG					0					
Labo	138,860	112,390	152,575	0	55,480	99,945	498,942	183,200	26,218	1,088,400
X-ray	25,290		41,450	164,860	22,264	19,343	261,508	5,490	3,400	34,600
CSSD	35,390	64,655	89,610	12,980	14,960	-	12,320	-	5,660	477,160
Phar	152,960		19,200	18,280	40,000	-	135,000	-	506,538	27,360
Training										
PEV										
B/S							11,400			
ARI							14,204			
Nutri	29,270	27,250	27,610	39,132		31,718	34,208	5,514,500	31,976	39,770
Others			7,180,000	0				7,154,000		
TOTAL	6,120,115	13,777,570	13,984,115	10,679,269	21,645,188	16,291,148	11,108,359	24,687,924	7,663,702	22,316,248

Drugs and Medial Materials

	July	August	September	October	November	December	
							ACC
							Admi
							Tech
							ND
							Laund
							GA
							Engineer
	2,644,198	3,119,310	2,439,391	2,342,837	1,921,582	2,411,214	ME
	2,394,220	2,533,142	2,041,899	2,490,763	1,678,485	2,481,646	MW
	6,948,201	5,098,445	4,934,461	6,306,674	5,645,765	5,569,942	Deli
	4,047,773	4,427,966	4,891,524	4,531,699	2,811,888	3,655,470	GY
	10,644,280	11,180,574	9,373,594	13,167,417	10,962,343	12,154,692	OT
	2,085,366	2,834,493	2,916,281	3,182,824	1,965,747	3,100,209	ICU
	1,769,678	2,539,206	2,028,295	2,186,973	1,667,595	1,758,917	NCU
	3,144,176	2,347,461	1,910,814	2,339,229	1,822,816	2,459,916	OPD
	360,265	131,009	171,438	198,870	-	358,118	Dent
	338,400	169,200	338,400	704,402	855,444	686,244	ECHO
							ECG
	1,604,419	853,762	886,046	1,306,846	32,854	627,922	Labo
	831,655	643,103	483,647	777,636	510,565	740,953	X-ray
	3,367,086	3,323,081	2,926,835	3,701,232	2,618,808	2,620,388	CSSD
	47,038	20,373	82,916	93,540	53,364	143,924	Phar
							Training
							PEV
							B/S
							ARI
							Nutri
							Others
	44,033,819	48,255,369	53,547,173	45,806,943	40,491,297	38,769,555	TOTAL

ESTIMATION OF NECESSARY EXPENSES AND SPARE PARTS
FOR
MAINTAINING BIOMEDICAL EQUIPMENT DURING 06/1998 ~ 05/2003

<u>YEARS</u>	<u>EXPENSE S(US\$)</u>	
06/1998 ~ 05/1999	8,555.21	
06/1999 ~ 05/2000	7,847.08	1\$ = ¥ 135
06/2000 ~ 05/2001	11,651.26	
06/2001 ~ 05/2002	21,382.27	
06/2002 ~ 05/2003	34,677.18	
TOTAL AMOUNT	84,113.00	

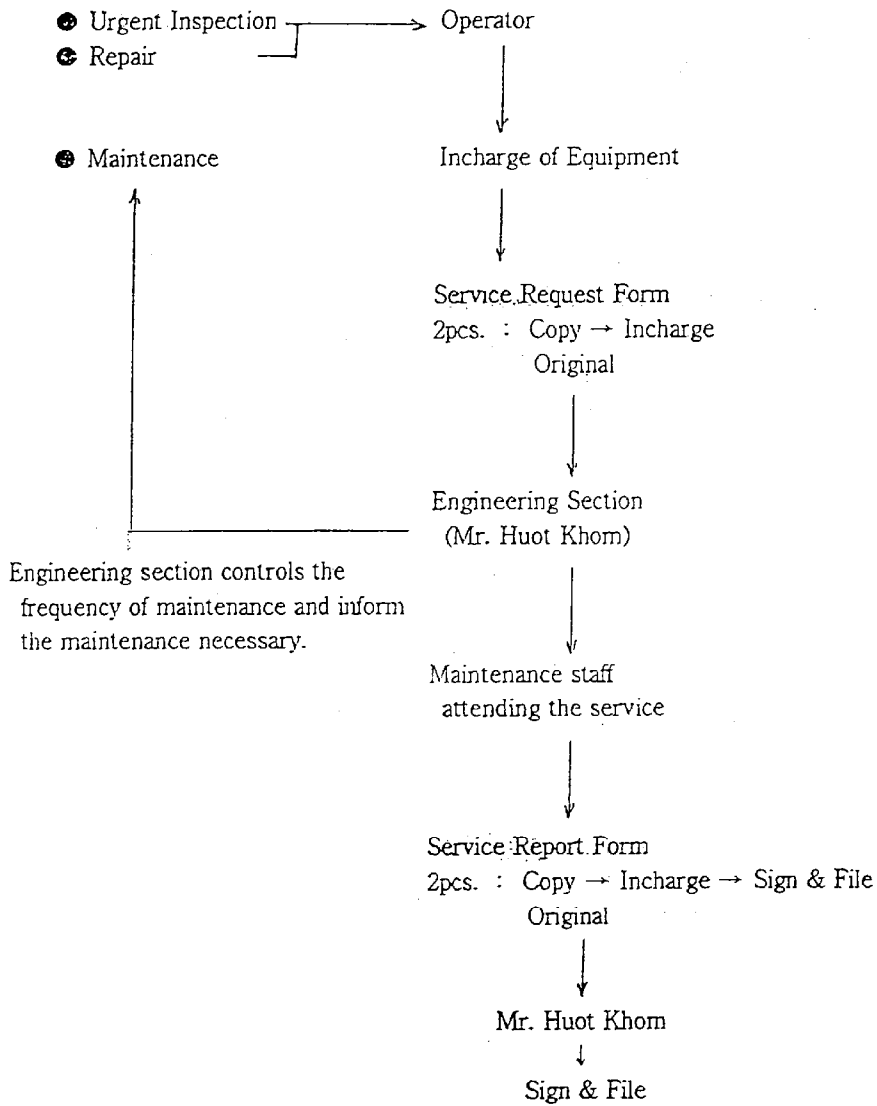
Ⓒ SHORTAGE OF SPARE PARTS DURING 06/1998 ~ 05/1999

<u>NAME OF EQUIPMENT</u>	<u>MANUFACTURER/MODEL</u>	<u>SPARE PARTS NAME</u>	<u>QTY.</u>	<u>U. PRICE</u>
1. Anaesthesia Apparatus	AIKA/SAFER-100	Breathing Bag	1	US 36
2. Binocular Microscope	NIKON/YS2-H3-AM	Halogen Lamp	2	19
3. Centrifuge	KOKUSAN/H-108M2	Carbon Brush	1	26
4. Doppler Fetus Detector	TOITU/FD-200	Transducer	4	440
5. "	"	Back-Up Battery	4	89
6. Electro-Surgical Unit	ASAHL/AS-300	Disposable Electrode	4	133
7. "	"	Electrode	2	207
8. Hematocrit Centrifuge	KUBOTA/3100	Carbon Brush	1	25
9. HP Steam Sterilizer	UDONO/KRCA-559	Cartridge Ink	2	25
10. Infant Incubator	NAKAMURA/H-1000DPS	Access Port Cover Set	9	16
11. "	"	Fan Motor	2	410
12. Phototherapy Unit	DRAGER/4000	Phototherapy Lamp	6	11
13. Ultrasonic DG Equipt.	FUKUDA/UF-5000	Echo Probe	1	3.890
14. V Printer for above	FUKUDA/FVP-800	Thermal Head	1	378

SERVICE REQUEST/REPORT FLOW CHART FOR BIOMEDICAL EQUIPMENT

SERVICE REQUESTED from

GYNECOLOGY, OT, NCU, ICU, DELIVERY, MATERNITY, DENTAL, OPD (EMERGENCY, VACCINATION), CSSD, PHARMACY, PARACLINIC (LABORATORY, RADIOLOGY, ECHO, ~~X-RAY~~, ECG),



Month Activity	April		Jan-98		Feb-98		Mar-98		Apr-98		May-98		Jun-98		Jul-98		Aug-98		Sep-98		Oct-98		Nov-98		Dec-98	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%

OPD (Total)	1,592	100%	3,634	228%	4,393	276%	4,347	273%	5,245	329%	5,314	334%	5,966	375%	6,268	394%	5,874	369%	5,264	331%	5,964	375%	5,596	352%	6,472	407%
ANC (total)	847	100%	1,504	178%	1,661	196%	1,714	202%	1,444	170%	1,461	172%	1,571	185%	1,634	193%	1,552	183%	1,542	182%	1,680	198%	1,535	181%	1,810	214%
Prim para			773	51%	885	53%	853	50%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Multi para			731	49%	776	47%	861	50%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1st time			566	38%	556	33%	629	37%	560	39%	524	36%	615	39%	550	34%	539	35%	467	30%	565	34%	549	36%	719	40%
2nd time			293	19%	345	21%	341	20%	298	21%	360	25%	319	20%	380	23%	315	20%	323	21%	308	18%	312	20%	371	20%
3rd time			229	15%	273	16%	220	13%	199	14%	206	14%	239	15%	250	15%	275	18%	247	16%	267	16%	219	14%	267	15%
4th time			150	10%	166	10%	223	13%	141	10%	151	10%	176	11%	191	12%	174	11%	213	14%	188	11%	188	12%	188	10%
over 5 times			266	18%	321	19%	301	18%	246	17%	220	15%	222	14%	263	16%	249	16%	292	19%	352	21%	267	17%	265	15%
Gynecology	224	100%	291	130%	412		392	175%	330	147%	374	167%	457	203%	467	160%	500	223%	315	141%	445	199%	330	147%	406	180%
BS	174	100%	111	64%	211	121%	223	128%	331	190%	240	138%	263	151%	442	254%	238	137%	223	128%	398	229%	211	121%	271	156%
Vaccination	294	100%	1,625	553%	1,984	675%	1,899	646%	2,852	970%	2,914	991%	3,414	1161%	3,462	213%	3,284	1117%	2,875	978%	3,161	1075%	3,267	1111%	3,734	1270%
Mother			460		593		574		570		614		682		600		671		585		625		673		840	
Child < 1 year			414		435		479		2,265		2,271		2,705		2,824		2,538		2,227		2,461		2,526		2,792	
Child > 1 year			751		966		846		17		29		27		38		75		63		75		68		102	
Dental	53	100%	79	149%	90	170%	91	172%	72	136%	95	179%	81	153%	94	177%	141	266%	116	219%	64	121%	53	100%	86	162%

Mother Class		461	583	637	578	646	662	828	751	668	616	614	888
Primipara													
Multipara													

Emergency Activity		24	35	28	216	230	180	169	159	193	216	200	167
Tra. from other HF													
Consultation		1	0	28	216	230	180	169	159	193	216	200	167
Admission		23	35	0	0	0	0	0	0	0	0	0	0
Death					1	0	0	0	0	0	0	0	0

PalacInlc	979	100%	925	95%	1,010	103%	1,489	152%	1,423	145%	1,545	156%	1,846	189%	1,672	171%	1,604	164%	1,451	148%	1,631	167%	1,580	161%	1,788	183%
ECHO	341	100%	505	148%	530	155%	527	155%	479	140%	568	167%	642	188%	585	172%	566	166%	519	152%	594	174%	547	160%	605	177%
ECO	15	100%	20	133%	26	173%	20	133%	23	153%	20	133%	36	240%	38	253%	43	287%	34	227%	16	107%	11	73%	23	153%

Report by Technical Bureau

Month Activity	April		Jan-98		Feb-98		Mar-98		Apr-98		May-98		Jun-98		Jul-98		Aug-98		Sep-98		Oct-98		Nov-98		Dec-98	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%

X-ray	127	100%	103	81%	126	99%	105	83%	110	87%	112	88%	163	128%	132	104%	130	102%	140	110%	136	107%	163	128%	146	115%
Labo	496	100%	301	61%	328	66%	837	169%	811	164%	845	170%	1005	203%	917	185%	865	174%	758	153%	885	178%	859	173%	1017	204%

Admission																										
Delivery (total)	271	100%	581	214%	503	186%	512	189%	473	175%	517	191%	486	179%	457	169%	451	166%	459	169%	523	193%	581	214%	547	202%
normal	212	78%	482	83%	422	84%	421	82%	402	85%	423	156%	394	81%	386	84%	365	81%	391	85%	429	82%	489	84%	470	86%
abnormal	59	22%	99	17%	81	16%	91	18%	71	15%	94	35%	92	19%	71	16%	86	19%	68	15%	94	18%	92	16%	77	14%
ME			313		264		287		260		278		257		246		259		228		281		300		303	
MW			318		266		263		271		267		274		253		248		278		314		336		318	
Gynecology	49	100%	84	171%	84	171%	82	167%	76	155%	114	233%	129	263%	99	202%	118	241%	117	239%	111	227%	101	206%	109	222%
NCU	43	100%	46	107%	54	126%	58	135%	56	130%	76	177%	76	177%	63	147%	63	147%	77	179%	82	191%	83	193%	71	165%
OT (total)	73	100%	93	127%	91	125%	76	104%	68	93%	103	141%	101	138%	78	107%	91	125%	80	110%	94	129%	91	125%	86	118%
cas - others	38	52%	51	134%	51	134%	48	126%	43	113%	61	161%	57	150%	43	84%	50	132%	31	82%	49	129%	47	124%	41	108%
gynecology	35	48%	41	117%	37	106%	28	80%	25	71%	42	120%	44	126%	35	85%	41	117%	49	140%	45	129%	44	126%	45	129%

Month	April		Jan-98		Feb-98		Mar-98		Apr-98		May-98		Jun-98		Jul-98		Aug-98		Sep-98		Oct-98		Nov-98		Dec-98			
Activity	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Delivery total	271	100%	581	214%	603	186%	512	189%	473	175%	517	191%	486	179%	457	169%	451	156%	459	169%	522	193%	581	214%	647	94%		
Normal Delivery	212	78%	482	83%	422	84%	421	82%	402	85%	423	82%	394	81%	386	84%	365	81%	391	85%	428	82%	489	84%	470	86%		
Occiput			440		361		391		377		387		359		348		326		346		385		442		441			
Breech	4		14		33		13		14		12		17		10		12		24		17		16		12			
Twin	3		6		8		5		5		10		2		10		12		9		7		13		6			
Premature	12		21		19		12		6		14		14		17		15		11		18		18		11			
Others			1		1		0		0		0		2		1		0		1		1		0		0			
Abnormal Delivery	59	22%	99	17%	81	16%	91	18%	71	15%	94	18%	92	19%	71	16%	86	19%	68	15%	94	18%	92	16%	77	14%		
C/S	39	14%	46	8%	45	9%	44	9%	33	7%	52	10%	53	11%	41	9%	43	10%	26	6%	40	8%	45	8%	37	7%		
Vacuum	19		52		36		45		38		39		38		27		40		40		53		45		40			
Forceps	0		0		0		0		0		0		0		0		0				0		0		0			
Craniotomy/Embryo	1		1		0		2		0		3		1		3		3		2		1		2		0			
Primi Para			270	46%	231	46%	264	52%	247	52%	233	45%	194	40%	202	44%	202	45%	208	45%	247	47%	247	43%	281	51%		
Normal with Episiotomy					126		168		190		181		166		133		141		171		182		194		215			
Others																	61		37		65		53		66			
Multi Para			310	53%	227	45%	248	48%	226	48%	284	55%	292	60%	255	56%	249	55%	251	55%	275	53%	333	57%	266	49%		
Normal with Episiotomy					6		5		0		0		0		16		2		11		5		8		2			
Others																	247		240		270		325		264			
Maternal Death	3	1%	4	0.69%	3	0.60%	2	0.39%	2	0.42%	3	0.58%	4	0.82%	1	0.22%	7	1.55%	5	1.09%	5	0.96%	4	0.69%	8	1.46%		
Toxemia/Eclampsia	2												1				1		2		2		1		1			
Hemorrhage	1		1								1				1				2		2				2			
Ictere & Pregnancy																	1						1					
Retain of Placenta																												
Infection			3		1						1		1				1								3			
Others					2				2		1		2				4		1		1		2		2			
Neonates total	271		586		614		518		478		524		488		469		463		468		529		595		553			
Alive Neonale			572		498		509		466		506		470		454		448		444		511		571		537			
Male			287		271		267		235		261		254		233		237		224		265		306		278			
Female			285		227		242		231		245		216		221		211		220		246		265		259			
Weight:																												
<1,999g			12		13		25		7		11		13		14		15		18		16		16		13			
2,000g-2499g			65		29		44		56		58		52		44		48		36		24		44		33			
2,500g<			495		456		440		403		437		405		396		385		390		471		511		491			
Apger:																												

<3		8	16	10	9	9	13	7	4	8	16	11	8
4 - 6		35	40	71	23	12	16	21	18	17	23	31	26
> 7		529	442	428	434	485	441	426	421	419	472	529	503
Perinatal Death	8 3%	26 4%	24 5%	19 4%	15 3%	24 5%	25 5%	23 5%	20 4%	26 6%	25 5%	28 5%	22 4%
In Utero	6	14	16	9	12	18	18	15	15	24	18	24	16
After birth	2	12	8	10	3	6	7	8	5	2	7	4	6
Perinatal Death weighl(In utero)													
<1,999g		3	9	3	2	3	7	5	4	6	9	8	6
2,000g-2499g		5	4	5	8	6	4	7	6	7	1	7	5
2,500g<		6	3	1	2	9	7	3	5	11	8	9	5

Episiotomy		231	132	174	190	185	166	149	143	182	187	202	217
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Indication for C/S	39 14%	46 8%	45 9%	44 9%	33 7%	51 10%	53 11%	41 9%	50 11%	31 7%	49 9%	47 8%	41 7%
Breech/Transverse	8		1	3	4	7	4	6	8	3	8	6	7
Face presentation			2	1	2	0	2	0	0	1	1	0	2
Front presentation				0	1	1	0	1	0	0	2	0	2
Fetal asphyxia	0	2	0	0	0	0	1	3	4	3	4	5	2
Dystocia	2	14	11	8	4	11	8	11	7	5	6	5	9
Dysproportion /CPD	7	5	6	5	4	6	5	2	3	3	4	5	0
Small Pelvis	3	1	1	1	0	3	2	3	4	1	2	2	1
Arrest of dilatation	6	6	6	2	0	0		0	0	1	3	3	2
Toxemia/Eclampsia	0	0	1	6	2	2	6	4	5	0	1	3	2
Weak pain	0	0	0	0	0	0	0	0	0	0	0	0	0
Rupture of uterus	0	0	2	2	0	0	2	0	1	1	1	0	1
Placenta praevia	10	13	7	7	12	11	17	5	10	4	5	10	5
Abruptio placenta	1	3	0	1	1	2	1	1	1	0	2	0	2
Others	2	2	5	8	3	8	5	5	7	9	10	8	6

Gynecology Activities		41	37	28	25	42	44	35	41	49	45	44	45
Ovary cyst		7	4	3	4	8	8	6	7	11	13	8	8
Ovary cancer					0	0	0		0	0	0	0	0
Ovary cyst complication					0	0			0	0	0	0	0
Endometriose		1			0	2	0		0	0	0	0	0
Uterus fibroma		3	9	9	5	7	14	14	11	9	9	6	10
Uterus Prolaps		9	4	2	2	4	6	3	6	2	5	6	1
Uterus cancer					0	0	0	0	1	0	2	1	0
Cervix cancer		1			0	0	0	1	1	3	3	1	2
Mole					0	0	0	0	1	0	0	0	0

Chorio-carcinma	1	1		0	0	1	0	1	0	0	0	0	0	
GEU	10	13	8	7	8	10	8	3	7	9	11	13		
Abortion complication	3			0	0	0	0	0	0	0	1	0		
Suite molaire			1	1	0	0	0	0	0	0	0	1		
Perforation uterin				0	0	0	0		1	0	0	0		
Others	6	6	5	6	13	5	3	10	16	4	10	10		

Abortion	49	41	35	21	18	12	7	9	7	7	12	16
Before 6 weeks	14	18	17	11	2	6	4	2	0	2	2	2
7 weeks - 12 weeks	9	12	11	7	10	2	3	5	6	5	8	12
13 weeks - 18 weeks	14	8	5	2	4	4	0	1	1		2	0
19 weeks -	12	3	2	1	2	0	0	1	0		0	2

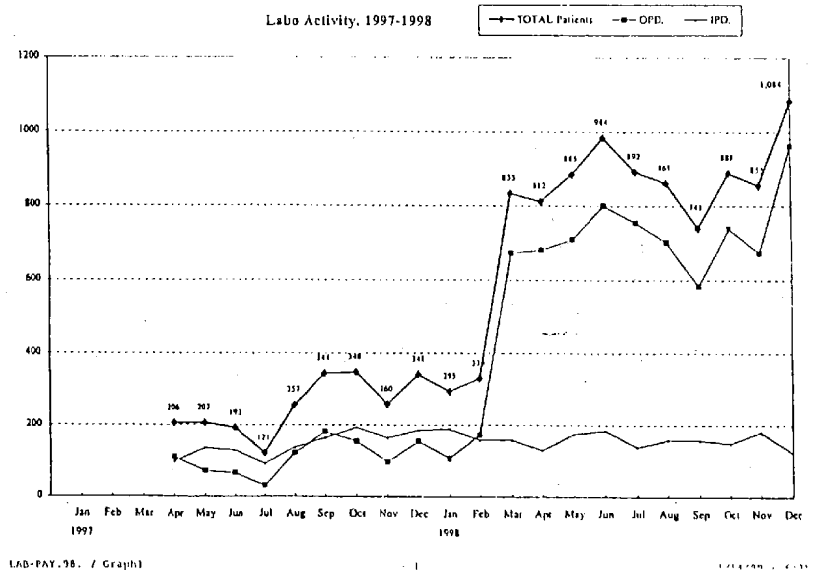
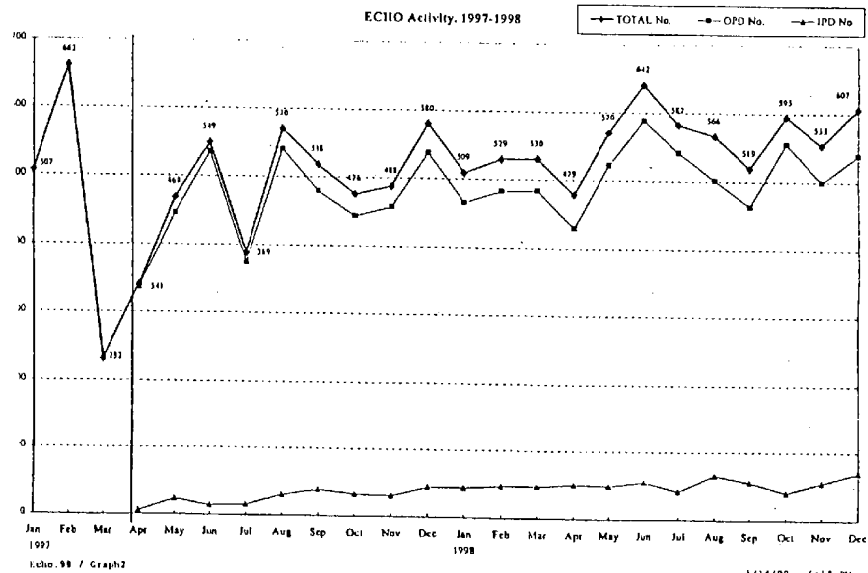
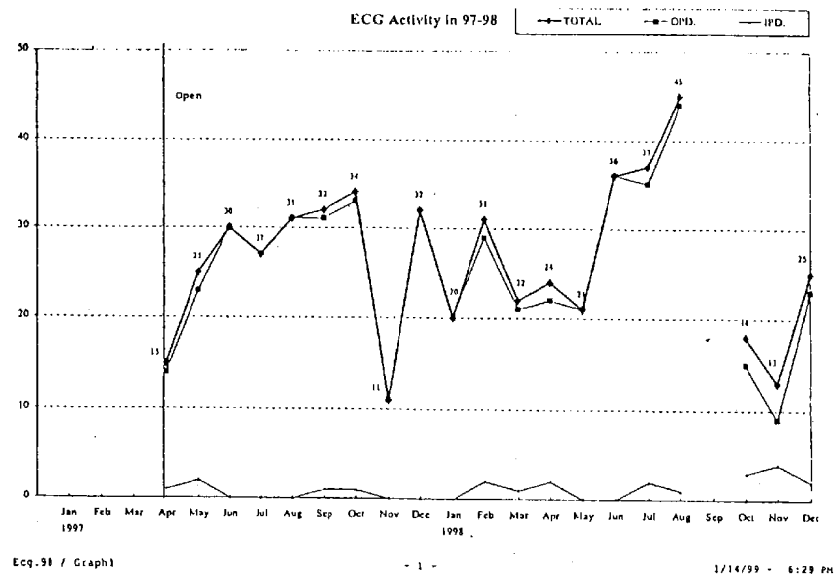
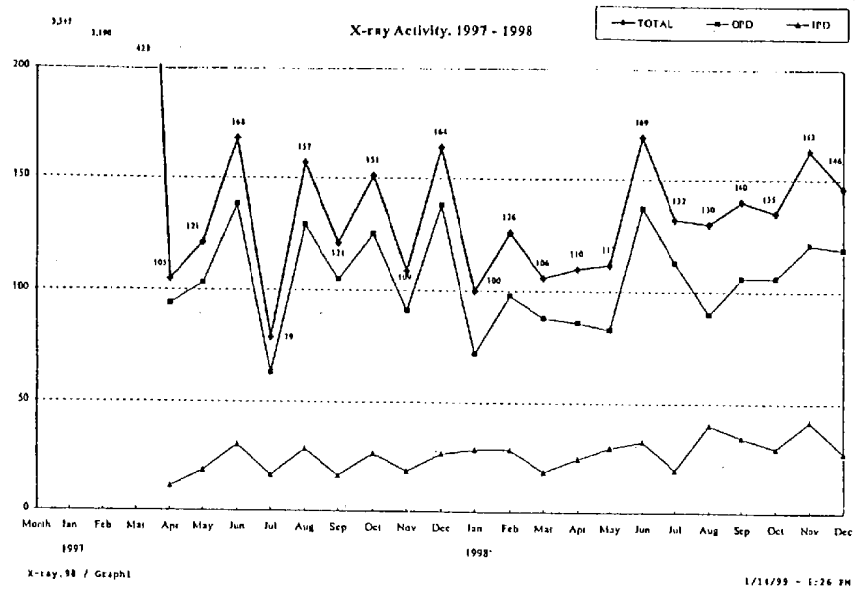
Number of staying patients in the NMCHC

Date	JANUARY				FEBRUARY				MARCH				APRIL				MAY					JUNE					JULY						
	8	2	1	total	8	2	1	total	8	2	1	total	8	2	1	total	8	2	1	16	total	8	2	1	16	total	8	2	1	16	total	8	2
1	74	4	5	83	79	2	1	82	72	4	5	81	89	2	3	94	96	1	5	0	102	77	2	4	0	83	95	4	6	0	105	51	4
2	68	4	5	77	73	2	2	77	72	2	2	76	78	3	4	85	100	4	5	0	109	78	3	5	0	86	89	4	6	0	99	40	3
3	76	3	4	83	75	2	2	79	84	4	2	90	83	4	5	92	103	4	6	0	113	77	2	4	0	83	88	4	6	0	98	50	4
4	79	3	3	85	76	2	1	79	75	4	2	81	86	4	5	95	93	4	5	0	102	82	2	6	0	90	86	3	5	0	94	58	2
5	81	4	4	89	74	0	2	76	78	4	3	85	86	3	4	93	94	4	5	0	103	85	4	6	0	95	80	3	5	0	88	62	4
6	80	4	3	87	77	1	5	83	68	4	2	74	83	4	4	91	98	4	5	0	107	81	4	6	0	91	71	2	5	0	78	73	2
7	75	4	5	84	72	1	6	79	78	4	3	85	86	4	6	96	85	3	6	0	94	67	4	5	0	76	79	4	3	0	86	71	1
8	90	3	5	98	72	4	6	82	73	3	2	78	75	3	5	83	76	3	6	0	85	82	4	3	0	89	80	4	4	0	88	62	2
9	82	3	5	90	83	3	5	91	72	3	3	78	80	2	2	84	78	4	6	0	88	81	2	4	0	87	70	4	6	0	80	67	2
10	86	4	6	96	98	3	5	106	67	4	5	76	67	3	2	72	70	3	3	0	76	83	2	4	0	89	78	2	6	0	86	61	2
11	92	4	5	101	98	4	6	108	61	4	5	70	66	4	1	71	68	4	4	0	76	86	4	5	0	95	78	3	6	0	87	68	2
12	85	3	5	93	99	3	5	107	68	4	5	77	68	2	1	71	85	3	5	0	93	77	2	6	0	85	78	2	6	0	86	72	2
13	97	3	6	106	91	2	6	99	74	3	4	81	55	4	1	60	85	4	6	0	95	81	1	6	0	88	74	2	6	0	82	72	0
14	84	3	6	93	86	3	6	95	72	3	4	79	62	4	3	69	91	3	6	0	100	69	4	6	0	79	80	2	4	0	86	74	1
15	81	4	5	90	90	4	5	99	84	4	4	92	60	2	4	66	76	3	4	0	83	80	4	3	0	87	87	3	6	0	96	66	4
16	85	3	5	93	89	4	5	98	72	3	5	80	58	3	4	65	71	4	5	0	80	83	4	3	0	90	87	3	6	0	96	60	4
17	83	4	6	93	90	4	6	100	81	4	5	90	63	1	4	68	86	4	6	0	96	77	4	4	0	85	82	3	6	0	91	69	4
18	92	4	6	102	93	2	6	101	82	2	4	88	80	0	5	85	74	4	6	0	84	76	4	6	0	86	68	2	6	0	76	58	4
19	91	4	6	101	98	4	6	108	68	4	4	76	61	3	3	67	88	4	6	0	98	72	2	4	0	78	61	2	4	0	67	63	4
20	93	3	4	100	86	3	4	93	77	3	2	82	60	3	6	69	81	4	5	0	90	77	3	5	0	85	70	3	4	0	77	68	3
21	83	3	3	89	82	3	3	88	79	3	4	86	70	4	6	80	84	3	4	0	91	87	3	5	0	95	69	2	4	0	75	84	4
22	90	4	4	98	82	4	3	89	72	2	4	78	80	4	4	88	75	2	4	0	81	91	2	4	0	97	62	4	5	0	71	81	3
23	87	4	4	95	81	3	4	88	70	1	5	76	71	4	3	78	75	4	6	0	85	91	4	5	0	100	64	3	4	0	71	80	2
24	84	4	4	92	84	4	4	92	79	4	6	89	73	4	3	80	76	4	6	0	86	90	4	4	0	98	62	3	6	0	71	82	2
25	83	4	3	90	93	4	6	103	85	4	6	95	67	3	3	73	75	4	6	0	85	91	4	5	0	100	57	1	6	0	64	83	3
26	73	4	4	81	82	4	5	91	84	4	6	94	71	3	4	78	87	4	5	0	96	93	2	6	0	101	42	1	4	0	47	82	1
27	66	4	3	73	75	4	5	84	79	4	6	89	91	3	3	97	82	4	6	0	92	94	2	4	0	100	50	2	5	0	57	74	3
28	89	4	4	97	82	4	5	91	76	3	6	85	67	4	4	75	90	3	6	0	99	87	4	4	0	95	41	2	6	0	49	59	4
29	89	4	3	96	0	0	0	0	88	1	6	95	91	4	4	99	82	3	5	0	90	90	2	4	0	96	51	4	6	0	61	48	4
30	84	2	1	87	0	0	0	0	69	2	3	74	97	3	4	104	78	4	6	0	88	95	4	6	0	105	55	4	5	0	64	52	4
31	72	2	1	75	0	0	0	0	80	2	4	86	0	0	0	0	80	4	4	0	98						58	2	6	0	66	53	4
Total	2574	110	133	2817	2360	83	125	2568	2339	100	127	2566	2224	94	110	2428	2582	110	163	0	2855	2480	92	142	0	2714	2192	87	163	0	2442	2043	91
ave	83.0	3.5	4.3	90.9	84.3	3.0	4.5	91.7	75.5	3.2	4.1	82.8	74.1	3.1	3.7	80.9	83.3	3.5	5.3	0.0	92.1	82.7	3.1	4.7	0.0	87.5	70.7	2.8	5.3	0.0	78.8	65.9	2.9
Ful	140	4	6	150	140	4	6	150	140	4	6	150	140	4	6	150	140	4	6	16	166	140	4	6	16	166	140	4	6	16	166	128	4
%	59%	89%	72%	61%	60%	74%	74%	61%	54%	81%	68%	55%	53%	78%	61%	54%	59%	89%	88%	0%	55%	59%	77%	79%	0%	53%	51%	70%	88%	0%	47%	51%	73%

Date	AUGUST					SEPTEMBER					OCTOBER					NOVEMBER					DECEMBER												
	1	ICU	Reco very	16	total	8	2	1	ICU	Reco very	16	total	8	2	1	ICU	Reco very	16	total	8	2	1	ICU	Reco very	16	total	8	2	1	ICU	Reco very	16	total
1	6	1	0	4	66	71	3	6	1	2	11	94	85	4	6	2	2	10	109	51	3	4	2	1	6	67	82	2	5	5	2	10	106
2	5	4	1	8	61	82	4	5	0	2	16	109	80	4	6	4	3	12	109	57	3	3	3	1	4	71	88	4	6	4	3	11	116
3	6	4	4	0	68	82	3	3	0	0	14	102	82	4	6	4	5	12	113	63	2	2	3	3	2	75	81	4	4	4	2	8	103
4	5	5	2	7	79	58	3	5	2	1	9	78	79	4	6	2	3	12	106	72	4	2	4	4	6	92	80	1	2	4	4	8	99
5	6	3	2	8	85	61	4	4	0	2	11	82	72	3	6	1	1	8	91	85	4	3	2	0	9	103	98	3	4	1	1	8	115
6	5	3	2	5	90	62	4	4	2	0	11	83	79	3	5	1	4	10	102	72	3	2	3	0	6	86	89	6	6	5	0	10	116
7	6	1	0	7	86	57	4	4	0	0	12	77	86	2	4	1	3	8	104	67	1	2	1	3	9	83	89	4	5	3	2	10	113
8	6	0	0	6	76	60	1	3	3	3	10	80	89	4	4	1	2	8	108	64	3	2	3	1	8	81	74	4	6	2	4	5	95
9	6	2	3	5	85	71	2	4	3	2	8	90	89	4	4	3	3	7	110	61	2	2	6	1	10	82	85	3	5	2	2	4	101
10	6	0	3	5	77	54	1	5	3	2	6	71	76	4	5	3	3	7	98	62	2	2	4	4	10	84	90	4	4	2	2	6	108
11	6	1	0	6	83	56	2	5	2	3	9	77	84	4	6	1	3	9	107	76	1	5	2	1	12	97	74	2	3	1	1	10	91
12	6	0	0	7	87	55	2	5	1	3	10	76	97	4	5	0	2	11	119	83	1	4	4	0	10	102	77	1	3	2	4	10	97
13	6	2	0	8	88	67	3	4	0	0	9	83	75	4	6	4	5	7	101	86	4	4	1	7	10	112	72	2	4	1	2	6	87
14	6	3	1	8	96	63	4	5	1	1	11	85	80	2	5	4	6	5	102	81	4	4	1	4	9	103	77	4	4	1	2	7	95
15	4	4	1	11	90	60	2	4	2	1	8	77	75	4	6	4	1	8	98	74	3	3	4	2	9	95	69	4	5	0	3	8	89
16	5	3	2	11	85	71	2	5	1	0	9	88	83	4	6	4	1	8	106	90	4	3	2	3	13	115	73	3	4	0	2	9	91
17	5	1	0	9	88	65	0	3	5	1	9	83	87	4	6	3	4	10	114	97	4	4	2	3	9	119	65	2	3	2	3	5	80
18	6	4	4	7	83	61	1	3	4	3	8	80	81	3	5	4	3	13	109	111	4	2	1	4	9	131	63	3	4	2	3	5	80
19	6	3	3	7	86	59	3	5	2	2	12	83	86	4	6	3	3	12	114	99	4	2	2	1	12	120	62	2	6	3	3	9	85
20	6	3	2	4	86	61	2	6	2	1	14	86	83	4	3	4	3	12	109	94	3	3	2	4	14	120	71	2	2	1	1	10	87
21	6	4	3	8	109	53	4	6	3	0	16	82	90	4	5	3	3	15	120	74	4	2	3	3	12	98	73	2	4	4	1	8	92
22	4	1	1	7	97	54	4	5	4	0	17	84	89	4	4	1	4	13	115	94	4	2	2	1	14	117	79	4	3	3	2	10	101
23	2	0	1	6	91	72	3	4	4	2	14	99	97	4	5	0	3	13	122	94	4	3	3	2	18	124	85	3	5	5	1	8	107
24	1	2	1	3	91	72	3	3	3	2	11	94	81	3	5	1	0	7	97	83	3	2	4	4	16	122	95	3	4	3	2	9	116
25	4	1	0	4	95	80	4	5	3	5	14	111	80	2	5	1	2	9	99	93	4	4	3	2	16	101	98	4	5	3	1	13	124
26	3	2	3	6	97	85	3	6	3	2	16	115	78	1	4	1	0	9	93	85	2	6	0	1	7	101	88	4	5	4	3	12	116
27	4	0	1	6	88	78	4	6	3	3	19	113	71	4	4	1	2	10	92	89	3	6	1	3	7	109	86	4	3	2	4	13	112
28	6	0	1	5	75	76	4	4	2	2	9	97	85	4	3	4	1	10	107	90	2	6	1	4	6	109	97	3	3	4	5	14	126
29	5	4	0	6	67	78	4	6	3	4	7	102	73	4	4	1	3	9	94	80	3	6	2	1	9	101	84	2	4	3	1	13	107
30	6	1	3	7	73	84	4	5	1	4	10	108	67	4	4	2	2	6	85	82	3	6	4	2	9	106	88	1	4	2	0	16	111
31	6	3	2	11	79							0	59	4	4	1	1	7	76						0	83	1	3	2	3	11	103	
Total	160	65	46	202	2607	2008	87	138	63	53	340	2689	2518	111	153	69	81	297	3229	2409	91	101	75	70	291	3026	2515	91	128	80	69	286	3169
ave	5.2	2.1	1.5	6.5	84.1	66.9	2.9	4.6	2.1	1.8	11.3	89.6	81.2	3.6	4.9	2.2	2.6	9.6	104.2	80.3	3.0	3.4	2.5	2.3	9.7	100.9	81.1	2.9	4.1	2.6	2.2	9.2	102.2
Ful	6	4	8	16	166	128	4	6	4	8	16	166	128	4	6	4	8	16	166	128	4	6	4	8	16	166	128	4	6	4	8	16	166
%	86%	52%	19%	41%	51%	52%	73%	77%	53%	22%	71%	54%	63%	90%	82%	56%	33%	60%	63%	63%	76%	56%	63%	29%	61%	61%	63%	73%	69%	65%	28%	58%	62%

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Nov-98	Total															Grand Total
	OPD				OPD Total	IPD								IPD Total		
	ANC	GY	Em.	Other		OT	M.W.	M.E.	GY	ICU& Rec.	Deli very	Emcr	Neo			
<HEMATOROLOGY>																
Hem. (Ht, Hb, GR, GB, FL)	0	0	1	1	2	0	3	9	38	7	0	1	0	53	55	
GR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
GB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
FL	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	
Ht.	586	0	7	1	594	0	4	8	16	8	24	26	0	77	671	
Hb.	0	0	0	0	0	0	0	0	1	1	0	3	0	5	5	
Platelet	0	0	0	0	0	0	0	1	2	0	0	0	0	3	3	
Reticulocyte	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
VS : ESR	0	0	0	1	1	0	3	3	21	3	0	0	0	29	30	
TC, TS	0	0	6	1	7	0	1	5	40	8	28	26	0	97	104	
Malaria	0	0	0	1	1	0	3	8	0	0	0	0	0	9	10	
<Chemistry>																
Protein, glucose/urine	556	0	0	15	601	0	0	16	28	4	4	3	0	49	650	
pH / urine	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	
Ketone body / urine	0	0	0	2	2	0	0	5	19	4	3	0	0	31	33	
Urinary sediment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Suger / blood	0	0	0	2	2	0	0	1	6	1	0	0	0	8	10	
Total protein / blood	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<Serology>																
VDRL (for sphyllis)	586	0	0	0	587	0	0	0	0	0	1	0	0	1	588	
Widal reaction (O.H)	0	0	0	6	6	0	1	1	1	0	0	0	0	4	10	
Hbs-Ag	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Pregnancy test / urine	0	0	1	23	24	0	0	0	1	0	0	0	0	0	24	
Blood grouping ABO, Rh	0	0	7	2	9	0	3	7	43	8	32	29	0	100	117	
<Stool>																
Amobas and Parasites	0	0	0	0	0	0	0	1	4	0	0	0	0	4	4	



NMCH INTERNAL MIDWIFE STAFF TRAINING OF TRAINERS
from 24 August to 9 September 1998

WEEK I

TIME	Group I		Group II		
	MONDAY 24 August 98	TUESDAY 25 August 98	WENESDAY 26 August 98	THURSDAY 27 August 98	FRIDAY 28 August 98
8:00-9:30	Opening Dr Koum Kanal JICA representative speech Introduction to TOT Dr Or Sivarin	Selecting appropriate methodology according to the situation Chanthy	Opening Dr Koum Kanal JICA representative speech Introduction to TOT Dr Or Sivarin	Selecting appropriate methodology according to the situation Chanthy	Topic lesson plan preparation Group I
9:30-9:50 Tea Break					
9:50-11:30	Curriculum development Dr Chhin Lan	Continue	Adult learning Leakhena	Continue	Continue
LUNCH					
14.00-15:30	Adult learning Motivation and	Developing and using lesson plan Chanthy	Motivation	Developing and using lesson plan	Topic lesson plan preparation Group II
15:30-15:50 Tea Break					
15:50-17:00	Checklist Leakhena Continue	Continue Topic selection 10 minutes Dr Or Sivarin	Continue	Continue Topic selection 10 minutes Dr Or Sivarin	Continue

Week II

TIME	MONDAY 31 Aug 98	TUESDAY 1st Sept 98	WENESDAY 2nd Sept 98	THURSDAY 3 Sept 98	FRIDAY 4 Sept 98
7.30 - 11.30	Topic lesson plan preparation Group I	Topic lesson plan preparation Group I	Group I presentation Topic 1 7.30-8.30 10min evaluation Topic 2 8.40-9.40 10min evaluation Break 9.50-10.10 Topic 3 10.10-11.10 10min evaluation	Topic 6 7.30-8.30 10min evaluation Topic 7 8.40-9.40 10min evaluation Break 9.50-10.10 Topic 8 10.10-11.10 10min evaluation	Topic 11 7.30-8.30 10min evaluation Topic 12 8.40-9.40 10min evaluation Break 9.50-10.10 Topic 13 10.10-11.10 10min evaluation
L U N C H					
14.00 - 17.00	Topic lesson plan preparation Group II	Topic lesson plan preparation Group II	Topic 4 14.00-15.00 10min evaluation Break 15.10-15.30 Topic 5 15.30-16.30 10min evaluation	Topic 9 14.00-15.00 10min evaluation Break 15.10-15.30 Topic 10 15.30-16.30 10min evaluation	Topic 14 14.00-15.00 10min evaluation Break 15.10-15.30 Topic 15 15.20-16.20 10min evaluation

Week III

TIME	MONDAY 7 Sept 98	TUESDAY 8 Sept 98	WENESDAY 9 Sept 98
7.30 - 11.30	Group II presentation Topic 1 7.30-8.30 10min evaluation Topic 2 8.30-9.30 10min evaluation Break 9.50-10.10 Topic 3 10.10- 11.10 10min evaluation	Topic 6 7.30-8.30 10min evaluation Topic 7 8.40-9.40 10min evaluation Break 9.50-10.10 Topic 8 10.10-11.10 10min evaluation	Topic 11 7.30-8.30 10min evaluation Topic 12 8.40-9.40 10min evaluation Break 9.50-10.10 Topic 13 10.10-11.10 10min evaluation
LUNCH			
14.00- 17.00	Topic 4 14.00-15.00 10min evaluation Break 15.10-15.30 Topic 5 15.30-16.30 10min evaluation	Topic 9 14.00-15.00 10min evaluation Break 15.10-15.30 Topic 10 15.30-16.30 10min evaluation	Topic 14 14.00-15.00 10min evaluation Break 15.10-15.30 Topic 15 15.30-16.30 10min evaluation

The Sixth NMCHC Midwife Training Course Opening Ceremony

Date: 1. Feb. 99.

Time	Contents	Person in charge
7:30	All participants meet in second floor training room and check form A and pre-training questionnaire, maternal and child health nursing checklist and inventory list.	All trainers
8:20	Opening Ceremony Greeting Self introduction	Chairperson: Ms. Ou Saroeun Dr. Koum Kanal Dr. Akashi Hidechika
8:40	<ol style="list-style-type: none"> 1. Overall view of program 2. Divide into 4 groups 3. Daily schedule <ol style="list-style-type: none"> A. Clinical practice <ol style="list-style-type: none"> a. Time 7:30- 11:00 a.m. b. Change uniform c. Daily report, Checklist Evaluation sheet d. Schedule <ol style="list-style-type: none"> 1) general 2) duty B. Lecture <ol style="list-style-type: none"> a. Time 2:00-5:00 p.m. b. Schedule/Evaluation 4. Dormitory orientation 5. Security/Use of keys 6. Weekly per-diem 7. Certificate 8. Others 	Ms. Ou Saroeun
10:00	Tea break	
10:20	Nursing division activities	Ms. Ching Chan Tach
10:40	Tour of Hospital	Ms. AingSareth Ms. Chen Sokhala

LECTURE SCHEDULE :

1. Lectures will be held from Monday to Thursday from 2:00 P.M. until 5:00 P.M.
2. Training Evaluation will be held every Friday.

WEEK 1 Feb 1 – Feb 5		Lecture 80 minutes	Break 20 minutes
	2:00 P.M. ~ 3: 20 P.M.	3:40 P.M. ~ 5:00 P.M.	
MON Feb 1	Pre-test (2:00 ~ 2:50) Demonstration (2:50~ 3:20) (Ms. Ou Saroeun)	Demonstration Practice (Ms. Ou Saroeun)	
TUE Feb 2	Anatomy and physiology of menstruation and pregnancy Development of fetus and drugs (Dr. Or Sivarin)	Vital Signs (Ms.Mari Morikane)	
WED Feb 3	Introduction to ANC use of “at risk” cards and the concept of “at risk” (Ms. Chen Sokhala)	White card 1 (Ms. Chen Sokhala)	
THU Feb 4	White card 2 (Ms. Chen Sokhala)	White card 3 Practice (Ms. Chen Sokhala)	
FRI Feb 5	Group Work	Evaluation	

WEEK 2 Feb 8 -12		2:00 P. M. ~ 3: 20 P. M.	3:40 P. M. ~ 5:00 P. M.
MON Feb 8	Mother Class (Ms.Y NginEng)	Nutrition and the pregnant women Brest feeding (Ms. Y.Ngin Eng)	
TUE Feb 9	Partograph 1 (Ms. Ou Saroeun)	Partograph 2 (Ms. Ou Saroeun)	
WED Feb 10	Partograph 3 Practice (Ms. Ou Saroeun)	Partograph 4 Practice (Ms. Ou Saroeun)	
THU Feb 11	Minor and Major problem of pregnancy (Ms.Thai Leang Chou)	Toxemia,Pre-eclampsia,Eclampsia Emegencies/serious problem (Ms. Khiev Chansath)	
FRI Feb 12	Group Work	Evaluation	

WEEK 3 Feb 15 - 19

	2:00 P. M. ~ 3: 20 P. M.	3:40 P. M. ~ 5:00 P. M.
MON Feb 15	Labour care (Ms. Thai Leang Chou)	Normal delivery (Ms. Srey SaoMary)
TUE Feb 16	Abnormal Labour (Ms. Ching ChanTach)	New born (Ms. Deng Kheang)
WED Feb 17	Risk detection and referral 1 (Ms. Ou Saroeun)	Risk detection and referral 2. Group Work (Ms. Ou Saroeun)
THE Feb 18	Operative obstetrics (Dr. Sann Chan Soeun)	Normal · Abnormal postnatal (Ms. Ouk Chantha)
FRI Feb 19	Group Work	Evaluation

WEEK 4 Feb 22 - 26

	2:00 P. M. ~ 3: 20 P. M.	3:40 P. M. ~ 5:00 P. M.
MON Feb 22	Infection control I (Ms. Soun Vanna)	Infection control II (Ms. Soun Vanna)
TUE Feb 23	STD,AIDS,Infection (Dr.Or Sivarin)	Health Education (Dr.Or Sivarin)
WED Feb 24	Infant 0-1 year Yellow card (Ms.Aing Sareth)	Birth Spacing (Dr.Or Sivarin)
THU Feb 25	National program (Dr. Chhorn Vesna)	Post-test
FIR Feb 26	Evaluation	Closing ceremony

Ministry of Health
National MCH Center

November 11, 1998

Nursing Division

Report of the Fourth Perfection Training Course for Health Center Midwife in National Maternal and Child Health Center Supported by JICA

A. Lecturer

Doctor	4
Midwife	12
JICA Expert	1
TOTAL	<hr/> 16

B. Trainee

Provincial	Amount	Qualification
Kampong Cham	8	Secondary Midwife
Kampong Thom	4	Secondary Midwife
Prey Veng	4	Secondary Midwife
Takeo	4	Secondary Midwife
Total	<hr/> 20	

Working Place
Position in Health Center

District Health Center
8 trainees, chief of Health Center
1 trainee, vice chief of Health Center
11 Trainees, Midwife

C. The contents of training

- Antenatal Care
- Post-natal Care
- Newborn Care
- National Program
- Social Transmission Diseases
- Infection Control

D. Training Activities

1. Practices
From 7:30h to 11:00

1st week = 4times

2nd week = 5times
 3rd week = 5times
 4th week = 4times

2 trainees were absent in the delivery
 Ms. Kuch Sophorn got sick on October 5, 1998
 Ms. Mom Dem sick on October 21, 1998

Average practice hour was 53h Training Re

2. Duty

Emergency service = 12 hours
 Start practices in morning

Delivery service = 13 hours
 off from 8h in morning

On Saturday started duty from 7:00AM to 19:00PM and 19:00PM to 7:00AM
 On Sunday started duty from 7:00AM to 19:00PM

Group I & Group IV duty in Delivery Service 3times and Emergency 3times.
 Group II & Group III duty in Delivery Service 4times and Emergency 3times.

Average duty hour was 78hours

3. lecture

From 14:00PM to 17:00PM = 160minutes = 29times
 Lecture by Doctor = 4times = 5hours and 20minutes
 Lecture by Midwife = 23times = 30hours and 40minutes
 Every Friday afternoon evaluation = 4times of evaluations
 = 4times of group discussion

Average lecture hour was 36hours

E. Result of Practices

Antenatal Care

White Card

- Clear understand
- Fairly Record

Mother Class

- Every Trainees did mothers class

Delivery

Partograph

- Fairly Record
 - Fairly observation on baby heart rate
 - Fairly perform delivery
 - One trainee performed 3~8 cases of delivery
- TOTAL = 76 cases

Post-natal Care

Examination & Observation on the mother and baby

- Good

Oxygen Concentrator Training Workshop (Draft Final Schedule)

Group 1 = 9 provinces = 18 participants (MOH provision)

Group 2 = 10 provinces = 20 participants (JICA provision)

January 25 (Mon)		PM	Arrival of participants	
January 26 (Tue)				
AM	7:30-8:00	Registration (at Auditorium, NMCHC)		
	8:00-8:30	Opening Ceremony (chair:Dr. Soeung) (Dr.Eng Huot, Mr.Teramoto, Mr.Morris)		
	8:30-9:00	Hospital Tour (Dr. Kanal)		
	9:00-9:30	Tea Break		
	9:30-10:30	Lecture: (Battambang, UNICEF) Oxygen treatment		
	-11:30	Survey for physician training		
PM	12:00-1:00	Lunch Break		
	2:00-4:00	Lecture: (EU Continent) How to use & maintain machine (1) – Group 2 (for small machine)	2:00-3:30	Lecture:(Dr.Kanal) Care for Obstetric Shock – Group 1
	4:00-4:30	Tea Break	3:30-4:00	Tea Break
	4:30-6:00	Lecture: (EU Continent) How to use & maintain machine (2) – Group 2(for small machine)	4:00-5:30	Lecture: (Dr. Borin) Newborn baby Resuscitation – Group 1
January 27 (Wed)				
AM	8:00-9:30	Lecture:(Dr.Kanal) Care for Obstetric Shock	7:30-9:30	Lecture: (EU Continent) How to use & maintain machine (1) – Group 1(for large machine)
	9:30-10:00	Tea Break – Group 2	9:30-10:00	Tea Break
	10:00-11:30	Lecture: (Dr. Borin) Newborn baby Resuscitation – Group 2	10:00-11:30	Lecture: (EU Continent) How to use & maintain machine (2) – Group 1(for large machine)
PM	11:30-2:00	Lunch Break		
	2:00-3:40	Presentation from provinces (chair:Dr. Kanal) (5 min./each)		
	3:40-4:00	Tea Break		
	4:00-5:30	Discussion (chair: Dr. Kanal & Dr. Soeung)		
	5:45-7:00	Reception		
January 28 (Thu)				
AM	8:00-9:00	Closing & Hand-over Ceremony (chair: Dr. Soeung) (Dr. Eng Huot, Mr. Matsuda)		
		Departure of attendants		

Transportation Check List

Province	Number of machine	Provider name	Possible responsibility for machine transport	Confirmation of machine transport (Yourself/CMS/UNICEF/JICA)
Banteay Mean Chey	1	MOH		
Bat Dambang	1	MOH	UNICEF	
Kampong Cham	1	MOH	CMS	
Kampong Chhnang	2	JICA		
Kampong Speu	2	JICA	CMS	
Kampong Thom	1	MOH	CMS	
Kampot	1	MOH	CMS	
Kandal	2	JICA	CMS	
Kratie	2	JICA		
Prey Veng	2	JICA	CMS	
Pousat	1	MOH		
Rotanak Kiri	2	JICA		
Siem Reab	1	MOH	UNICEF	
Sihanouk Ville (= K.Som)	1	MOH	CMS	
Stung Treng	2	JICA		
Svay Rieng	1	MOH	UNICEF	
Takeo	2	JICA	CMS	
Kaoh Kong	2	JICA		
Prey Vihear	2	JICA		

今後の活動 <次年度計画参照；資料 19>

活動項目	平成 10 年度	平成 11 年度	延長に関わる問題点
1)マネジメント ①能力を付ける ②人事 ③財務 ④物品 ⑤情報	<p>サポートな対応</p> <p>データを基に問題点の把握と改善計画立案・実施</p> <p>人事管理の確立 (人事考査、賞与)</p> <p>運営管理費 JICA 負担分の自己支出</p> <p>増収案策定と実施</p> <p>物品購入制度、機材の維持管理能力開発等システム構築</p> <p>患者管理、統計情報管理のコンピュータ化、連絡体制整備</p>	<p>自立的</p> <p>運営会議の全面的移管、全体計画立案と実施、改善活動の継続</p> <p>人事管理の自立的運営確立(適正人員配置、人事考査、賞与)</p> <p>運営管理費の財政的自立、研修やスーパーセッション費用の財源確保</p> <p>機材修理・維持管理の保守の自立、修理の外注ルート確保</p> <p>患者管理、統計情報管理のコンピュータ化、センター内連絡体制整備</p>	<p>看護部：ほぼ OK</p> <p>医師部：遅れている 進むことが期待される</p> <p>人事考査</p> <p>研修やスーパーセッション費用の財源確保</p> <p>機材修理・維持管理の保守の自立、修理の外注ルート確保 OK</p>
2)トレーニング ①研修対象者 ②効果的研修のために ③院内研修の充実 ④研修の財政	<p>地方(プライマリを含む)助産婦、医師<カリキュラム作成開始></p> <p>効率的研修生選定の州への働きかけ</p> <p>助産婦、ジュニアスタッフ、学生</p> <p>研修費用抑制策</p>	<p>地方助産婦、医師(少なくとも1回)、州病院助産婦</p> <p>自主的研修立案、運営</p> <p>医師、ジュニアスタッフ、学生</p> <p>研修費用の捻出</p>	<p>医師、州病院助産婦の研修の確立</p> <p>自主的研修立案、運営</p> <p>医師、ジュニア、学生</p> <p>研修費用の捻出</p>
3)臨床 ①体制 ②活動 ③個人の技能・知識の向上	<p>チーム医療の確立</p> <p>各科間の連携構築</p> <p>各科間送り開始</p> <p>各科検討会の開催</p> <p>臨床セミナーの開催</p>	<p>臨床部サブコミティーの設置、各科間の連携強化</p> <p>臨床検査部門の強化</p> <p>臨床セミナーの開催</p>	<p>各科間の連携強化</p> <p>臨床検査部門の強化</p>
4)地方展開 ①研修 ②物品供与 ③スーパーセッション ④リファerral機能	<p>ヘルセンター助産婦研修</p> <p>州医師研修開始</p> <p>助産婦キット、TBAキット</p> <p>ドロッパー(州レベル)</p> <p>酸素発生器(州レベル)</p> <p>現場でのセンター訓練終了生指導を含む</p> <p>研修を通じたリファerral活動の活性化</p>	<p>ヘルセンター助産婦研修継続</p> <p>州医師研修開始</p> <p>州病院レベル運営管理セミナー開催</p> <p>TBAキット</p> <p>現場でのセンター訓練終了生指導の充実</p> <p>研修生のネットワーク化、リージョン研修所・州との連携</p>	<p>州医師研修の継続</p>
5)啓蒙活動 ①センター内 ②センター外	<p>母親学級の充実と他の活動の導入</p> <p>ANC 他のパンフレットやビデオの作成</p> <p>研修生への教育</p>	<p>母親学級の充実と他の活動の導入</p> <p>啓蒙活動の立案と実施、財政確保</p>	