



REFERENCES

- Anuwat Supachutikul et al. (1996). Fundamental Knowledge in Cost Analysis of Health Service Provider. Bangkok : College of Public Health, Chulalongkorn University and System Research Institute Ministry of Public Health.
- Anuwat Supachutikul. (1997). Manual of Cost Analysis for General Hospital. Bangkok: Health System Research Institute, Ministry of Public Health.
- Arthon Rewpaiboon. (2001). Cost Analysis in Health Care. Bangkok : Faculty of Pharmaceutical Science, Mahidol University.
- Bawon Ngamsiri-udom & Thipaporn Sathiensakphong & Saranya Ngamsiri-udom (1997). Unit cost of patient service of Mother and Children Hospital in Chiangmai. Health System Research Journal. 5 (July - September), 238 - 254.
- Berman, H.J., Weeks, L.E.,Kukla, S.F. (1976).The Financial Management of Hospital. Michigan : HealthAdministration Press.
- Boyles, R.W. (1982). Hospital Accounting Practice. : Managerial Accounting and Financial Accounting .USA : University of Ottawa Aspen System cooperation.
- Charus Suwanwela. (2000). New Aspect in Health System. Nonthaburi : Desire.
- Daorok Sinthuwanich et al. (2001). The Study of Unit Cost of Patient Service of Phra Pokklao Hospital in Fiscal Year 2000. Retrieved January 14,2003,from <http://phdb.moph.go.th> .
- Development Institution. (2003). Training Material of “ Cost Analysis of Health Care Service Network and Activity-Based Costing” .Bangkok : Development Institution.
- Development of Readiness in Resource Management of Health Institution Committee. (2001) .Guideline of Financial and Health Resource Management under Universal Healthcare Coverage Policy. Nonthaburi : Ministry of Public Health.

- Drummond, M. F., et al. (1997). Methods for the Economic Evaluation of Health Care Programmes. 2 nd, ed. Oxford : Medical Publication.
- Fiscal Office – Ministry of Public Health. (2001). Road to Result-Based Budget Allocation. Bangkok : Ministry of Public Health.
- Jutamart Molee. (1999). Cost Analysis of Social Security Patients Services in Fiscal year 1998 at King Chulalongkorn Memorial Hospital. Master's Thesis of Science in Preventive and Social Medical Science, Chulalongkorn University.
- Kanjana Tisayaticom. (2000). Cost Analysis and Unit Cost of Patient Service of Trang Hospital in the Fiscal Year 1998. Master's Thesis of Science in Research and Health System Development, Graduate School of Prince Songkhla University.
- Kannika Inpra. (1996). Unit Cost of Out-Patient Service of Phrae Hospital. Independent Study of Master's Thesis of Public Health, Graduate School of Chiangmai University.
- Metha, N.H., & Maher D. J. (1977). Hospital Accounting System and Control . New Jersey : Prentice Hall.
- Niphit Phirawech et al. (2003). Training Document of “Fundamental Health Resource Management Workshop” at Chaemphaiboon conference room, Nakhon Si Thammarat Hospital, 14-15 January, 2003.
- Office of National Health System Reform. (2001). What's What in the Tide of Change: 30-Baht Per Visit Scheme, Decentralization, Ministry of Public Health Structure Reform and Health System Reform. Bangkok : Office of National Health System Reform.
- Panida Damaphong et al. (2002). Cost Calculation of Ban Paew Hospital in Fiscal Year 2001. Retrieved January 14,2003,from [http:// phdb.moph.go.th](http://phdb.moph.go.th).
- Payom Thanitrakul. (2002). Analysis of Unit Cost of Patient Service of Thupthan Hospital in Uthaitхани Province in Fiscal Year 2001. Retrieved January 14,2003,from <http:// phdb.moph.go.th>.

- Petchnoy Singchangchai. (2000). Production Cost of Nurse at Faculty of Nursing Science, Prince Songkhla University. Songkhla : Faculty of Nursing Science, Prince Songkhla University.
- Piriya Bussayaphanphong. (1992). Unit Cost of Out-Patient Service and Emergency Room of Chonburi Hospital in Fiscal Year 1991. Retrieved January 14,2003,from http://member.tripod.com/SRS-Library/hosp_html/hb_thesis7.html.
- Pirom Kamolrattanakul. (2000). Principles and Application of Public Health Economic for the Management. Bangkok : Asean Public Health Development Institute Publishing, Mahidol University.
- Piyathida Treedech. (1997). Public Heath Management Glossary. Bangkok : Chulalongkorn University Publishing.
- Prawes Wasee. (2000). Health As a Human's Principle. Bangkok : Pimdee.
- Ratanawijitrasin Sauwakon. (2001). Health Security System: Experience from 10 Countries. Bangkok: Health System Research Institute.
- Sasiwimol Mee-Ampol. (2003). Accounting for Management. 6th .ed. Bangkok : Infoning.
- Sathirakorn Pongpanich et al. (2000). National Health Account in Thailand 1996,1998. Bangkok : Health Systems Research Institute.
- Shepard, D., Hodgkin, D., & Anthony, Y. E. (2000). Analysis of Hospital Costs : A manual for managers. Geneva : World Health Organization.
- Somkid Kaewsonthi & Pirom Kamolrattanakul. (1991). Public Health Economics : Analysis and Evaluation of Health Care Service. Bangkok : Chulalongkorn University Publishing.
- Sukalaya Kongsawatt. (1991). A Study of Unit Cost of Out-Patient Service at Medical Department of Chulalongkorn Hospital. Master's Thesis of Science in Preventive and Social Medical Science, Graduate School, Chulalongkorn University.

- Sukalaya Kongsawatt. (1995). Manual of Cost Analysis for Community Hospital.
Bangkok : College of Public Health Chulalongkorn University and Health System
Research Institution.
- Suppasit Pannarunothai. (2001). Public Health Economics : In the Age of Health
Reform. 2nd ed. Bangkok : Surasee Graphic.
- Suwat Mahutnirankul. (1999). Unit Cost of Patient Service at Suan Prung Hospital in
Chiangmai Province in Fiscal Year 1998. Retrieved January 14,2003, from
http://members.tripod.com/SRS-Library/hosp_html/hb_18.html.
- Thanadith Sinsangsakul. (2000). Unit Cost of Out-Patient and In-Patient Service of
Bangbor Hospital in Samutprakarn Province, Fiscal Year 1999. Master's Thesis
of Science in Preventive and Social Medical Science, Chulalongkorn University,
2000.
- Thongchai Santiwong & Chaiyot Santiwong. (1997). Financial Statement Analysis.
Bangkok : Thaiwattanapanich.
- Universal Health Insurance Coverage Policy Development Committee of Health
System Research Institute. (2001). Universal Health Insurance Coverage
Proposal. Nonthaburi : Desire.
- Walaiporn Patcharanarumol & Kanjana Tisayaticom & Wiroj Tangcharoensathien.
(2001). Manual of Cost Analysis for Central Hospital/General Hospital.
Nonthaburi : Office of International Health Policy Program.
- Walaiporn Patcharanarumol & Kanjana Tisayaticom & Wiroj Tangcharoensathien.
(2001). Manual of Cost Analysis for Community Hospital. Nonthaburi : Office of
International Health Policy Program.
- Walaiporn Patcharanarumol & Wiroj Tangcharoensathien. (2001). Burden of Personnel
Management and Efficiency of Bed Occupancy in Community Hospital and
Provincial Hospital in 2000. Public Health Journal. 3 (July-September), 400-401.

- Walaiporn Patcharanarumol. (1997). A study of unit cost of out - patient and in - patient service of Khon Kaen Hospital in fiscal year 1996. Master's Thesis of Science in Health Development Department of Medicine, Graduate School of Chulalongkorn University.
- Wiroj Tangcharoensathien. et al. (2000). National Health Accounts in Thailand 1994-2001. Bangkok : Health Systems Research Institute.
- Woranuch Plubsawat et al. (2001). Unit Cost of Patient Service at Somdej Phra Bhuddhalertlah Hospital in Fiscal Year 2000. Retrieved January 14,2003,from [http : //203.157.19.194/jFund/index.html](http://203.157.19.194/jFund/index.html).
- Yuthapong Muernrat. (2002). A comparison of Cost – Effectiveness Between Dipstick and Thick Blood Film for Malaria Active Surveillance of Vector Borne Disease Control Center No.18 Mae Sot 2002. Master's Thesis of Science in Preventive and Social Medicine Chulalongkorn University.

APPENDICES

APPENDIX A

Form LC - 1

Data Collecting Instruments

Data Collection Form for Labor Cost, Month.....Year.....

Department.....Patient Ward :.....Code.....

Cost Center Name.....Maharaj Nakhon Si Thammarat Hospital

No	Name-Surname	Wage/Salary	Position Allowance	Postmortem Allowance	Allowance for not doing personal Medical Clinic	Scarcity Allowance	Overtime /Shift Allowance	Housing Allowance / Rent	Child Relief Allowance	Child's Tuition Fee	Meeting / Seminar Fee	Medical Fee	Others	Total LC

Form LC - 2

P1

Data Collection Form : Time Spent of Personnel who work in several function**First Name.....Surname****Department**

Please record your Time Spent at each cost center record "o" hour for non-involving center

Code	Cost Center Name	Time Spent	Remark
A01	General Administration		
A02	Budget		
A03	Finance		
A04	Accounting		
A05	Revenue Collection		
A06	Nursing Administration Office		
A07	Health System Development Unit, Library		
A08	Quality Assurance Center		
A09	Medical Registry and Statistics		
A10	Computer Maintenance Center		
A11	Maintenance Center		
A12	Medical Equipment Maintenance Center		
A13	Office of OPD Service		
A14	Laundry and Seamstress		
A15	Central Supply & Facility and IC Office		
A16	Dietetics		
A17	Supply and Equipment		
A18	Procurement and Pharmaceutical product		

Form LC - 2

P2

Data Collection Form : Time Spent of Personnel who work in several function**First Name.....Surname****Department**

Please record your Time Spent at each cost center record "o" hour for non-involving center

Code	Cost Center Name	Time Spent	Remark
B01	Out-patient Pharmacy		
B02	In-patient Pharmacy		
B03	Oxygen Supply Center		
B04	Laboratory and Pathology		
B05	Blood Bank		
B06	Radiology		
B07	Physiotherapy		
B08	Activity Therapy		
B09	Maintenance and Design Equipment for Disable		
B10	Alternative Medical		
B11	Anaesthetic		
B12	Operating Theatre (Large/Small)		
B13	Delivery Room		
B14	Cardiology Unit		
B15	Electrocardiogram and Electroencephalogram Unit		
C01	OPD – Antenatal Care		
C02	OPD – Gynecology and Family Planning		
C03	OPD – Surgery		
C04	OPD – Urological Surgery		
C05	OPD – Orthopedics		

Form LC - 2

P3

Data Collection Form : Time Spent of Personnel who work in several function**First Name.....Surname****Department**

Please record your Time Spent at each cost center record "o" hour for non-involving center

Code	Cost Center Name	Time Spent	Remark
C06	OPD – Medical		
C07	OPD – Pediatrics		
C08	OPD – Ophthalmology		
C09	OPD – Otorhinolaryngology		
C10	OPD – Specialty Medical Clinic and Psychiatric		
C11	OPD – Social Security		
C12	OPD – Part time Clinic		
C13	OPD – Part time Clinic (Dentistry)		
C14	Accident and Emergency, Forensic Medicine and Cradle Service		
C15	Treatment Room-Injection		
C16	Hemodialysis		
C17	Dentistry		
C18	Children Health Clinic		
C19	Annual Medical Check-Up Clinic		
C 20	Counseling Service Room		
C21	OPD – Rehabilitative Medical		
D01	Postnatal Ward		
D02	Gynecology Ward		
D03	Male Surgery Ward 1		
D04	Male Surgery Ward No. 2		

Form LC - 2

P4

Data Collection Form : Time Spent of Personnel who work in several function**First Name.....Surname****Department**

Please record your Time Spent at each cost center record "o" hour for non-involving center

Code	Cost Center Name	Time Spent	Remark
D05	Female Surgery Ward		
D06	Male Orthopedic Ward		
D07	Female Orthopedic Ward		
D08	Medical Ward No. 1 (Male & Female)		
D09	Medical Ward No. 2		
D10	Medical Ward No. 3		
D11	Medical Ward No. 4 (Private Section)		
D12	Pediatrics Ward No. 1		
D13	Pediatrics Ward No. 2		
D14	Newborn Ward No. 1		
D15	Newborn Ward No. 2		
D16	Eye Ear Nose Throat Ward		
D17	Sick Monk Ward		
D18	ICU Ward No. 1		
D19	ICU Ward No. 2		
D20	Private Section Ward : Limpichart-Thungcar Habour		
D21	Private Section Ward – Children		
D22	Private Section Ward No. 2		
D23	Private Section Ward No. 4		
D24	Private Section Ward No. 5		
D25	Private Section Ward: Chalerm Phrabaramee (2 nd Fl.)		

Form LC - 2

P5

Data Collection Form : Time Spent of Personnel who work in several function**First Name.....Surname****Department**

Please record your Time Spent at each cost center record "o" hour for non-involving center

Code	Cost Center Name	Time Spent	Remark
E01	Social Medical Unit		
E02	Health Education Unit		
E03	Medical Education Center		

Form MC - 2

**Report of Utility Expenditure at Maharaj Nakhon Si Thammarat Hospital
Between July 1, 2003 – December 31, 2003**

Month	Electricity	Water Supply	Telephone	Post and Telegraph	Remark
July					
August					
September					
October					
November					
December					
Total					

Signature.....(Reporter)

Survey Form for Depreciation Cost of Equipment by Cost Center at Maharaj Nakhon Si thammarat Hospital

Date of SurveySurveyor.....

Cost Center	Equipment Name	Equipment Code	Price	Date of Purchased	Depreciation	Remark

Remark : a Workable , b. non workable , C. orther (please specify)

Survey Form for Depreciation Cost of Building by Cost Center at Maharaj Nakhon Si thammarat Hospital

Date of SurveySurveyor.....

Building Name	Size of Area	Price	Date of Purchased	Life of Building	Depreciation	Remark

Form out put - OPD

**Data Collecting Form of Output of out-patient Service
of Maharaj Nakhon Si Thammarat Hospital
During July 1 – December 31, 2003**

Code	Cost Center Name	Out-patient	In – patient	
		Visits	Patient day	Case
C01	OPD – Antenatal Care			
C02	OPD – Gynecology and Family Planning			
C03	OPD – Surgery			
C04	OPD – Urological Surgery			
C05	OPD – Orthopedics			
C06	OPD – Medical			
C07	OPD – Pediatrics			
C08	OPD – Ophthalmology			
C09	OPD – Otorhinolaryngology			
C10	OPD – Specialty Medical Clinic and Psychiatric			
C11	OPD – Social Security			
C12	OPD – Part time Clinic			
C13	OPD – Part time Clinic (Dentistry)			
C14	Accident and Emergency, Forensic Medicine and Cradle Service			
C15	Treatment Room-Injection			
C16	Hemodialysis			
C17	Dentistry			
C18	Children Health Clinic			
C19	Annual Medical Check-Up Clinic			
C 20	Counseling Service Room			
C21	OPD – Rehabilitative Medical			

Form out put - IPD

**Data Collecting Form of Output of in-patient Service
area Maharaj Nakhon Si Thammarat Hospital
During July1, 2003 – December 31, 2003**

Code	Cost Center Name	Out-patient	In – patient	
		Visits	Patient day	Case
D01	Postnatal Ward			
D02	Gynecology Ward			
D03	Male Surgery Ward 1			
D04	Male Surgery Ward No. 2			
D05	Female Surgery Ward			
D06	Male Orthopedic Ward			
D07	Female Orthopedic Ward			
D08	Medical Ward No. 1 (Male & Female)			
D09	Medical Ward No. 2			
D10	Medical Ward No. 3			
D11	Medical Ward No. 4 (Private Section)			
D12	Pediatrics Ward No. 1			
D13	Pediatrics Ward No. 2			
D14	Newborn Ward No. 1			
D15	Newborn Ward No. 2			
D16	Eye Ear Nose Throat Ward			
D17	Sick Monk Ward			
D18	ICU Ward No. 1			
D19	ICU Ward No. 2			
D20	Private Section Ward : Limpichart- Thungcar Harbour			
D21	Private Section Ward – Children			
D22	Private Section Ward No. 2			

Form out put - IPD

**Data Collecting Form of Output of in-patient Service
area Maharaj Nakhon Si Thammarat Hospital
During July 1, 2003 – December 31, 2003**

Code	Cost Center Name	Out-patient	In – patient	
		Visits	Patient day	Case
D23	Private Section Ward No. 4			
D24	Private Section Ward No. 5			
D25	Private Section Ward : Chalerm Phrabaramee (2 nd Fl.)			

APPENDIX B

Data of this study

Labor Cost : LC of Maharaj Nakhon Si Thammarat Hospital Between July 1,2003 - December 31 , 2003

(Unit : baht)

Code	Cost Center	wage / salary	Position Allowance	Postmortem Fee	Allowance for not doing personal Medical Clinic	Scarcity Allowance	Overtime / Shift	Housing Allowance	Child Relief Allowance	Child's Tuition Fee	Seminar/ Meeting Fee	Medical Fee	Total Labour Cost
A01	General Administration	4,519,710.00	0.00	0.00	0.00	0.00	685,100.00	285,000.00	3,900.00	19,080.00	187,688.00	13,204.00	5,713,682.00
A02	Budget	426,096.67	0.00	0.00	0.00	0.00	3,500.00	0.00	300.00	0.00	0.00	26,892.00	456,788.67
A03	Finance	784,560.00	0.00	0.00	0.00	0.00	45,540.00	0.00	270.00	13,270.00	11,477.25	26,060.00	881,177.25
A04	Accounting	634,599.57	0.00	0.00	0.00	0.00	94,800.00	0.00	0.00	7,935.50	8,926.25	400.00	746,661.32
A05	Revenue Collection	172,200.00	0.00	0.00	0.00	0.00	201,400.00	0.00	0.00	0.00	0.00	0.00	373,600.00
A06	Nursing Administration Office	750,280.00	33,600.00	0.00	0.00	0.00	712,820.00	0.00	300.00	2,230.00	507,201.00	11,914.00	2,018,345.00
A07	Health System Development ,Unit, Library	983,170.00	0.00	0.00	0.00	0.00	34,800.00	0.00	600.00	0.00	48,260.00	6,100.00	1,072,930.00
A08	Quality Assurance Center	543,990.00	7,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	296,594.00	6,782.00	854,366.00
A09	Medical Registry and Statistics	2,619,290.00	21,000.00	0.00	0.00	0.00	433,500.00	57,000.00	2,750.00	9,408.00	10,746.00	10,251.00	3,163,945.00
A10	Computer Maintenance Center	143,040.00	0.00	0.00	0.00	0.00	20,100.00	0.00	0.00	400.00	0.00	0.00	163,540.00
A11	Maintenance Center	1,581,300.00	0.00	0.00	0.00	0.00	395,200.00	0.00	2,400.00	25,867.50	0.00	240.00	2,005,007.50
A12	Medical Equipment Maintenance Center	248,520.00	0.00	0.00	0.00	0.00	24,200.00	0.00	0.00	2,100.00	0.00	0.00	274,820.00
A13	Office of OPD Service	2,640,780.00	86,100.00	0.00	0.00	0.00	0.00	69,600.00	850.00	3,950.00	2,966.00	4,260.00	2,808,506.00
A14	Laundry and Seamstress	1,335,420.00	0.00	0.00	0.00	0.00	460,500.00	0.00	300.00	9,690.00	0.00	0.00	1,805,910.00
A15	Central Supply & Facility and IC Office	1,602,380.00	70,000.00	0.00	0.00	0.00	397,600.00	0.00	600.00	5,130.00	0.00	16,589.00	2,092,299.00
A16	Dietetics	1,941,820.00	0.00	0.00	0.00	0.00	924,000.00	56,000.00	600.00	1,950.00	0.00	12,616.00	2,936,986.00
A17	Supply and Equipment	979,480.00	0.00	0.00	0.00	0.00	59,100.00	57,000.00	300.00	6,400.00	8,866.00	56,768.00	1,167,914.00
A18	Procurement and Pharmaceutical product	2,027,240.00	61,600.00	0.00	175,000.00	0.00	0.00	0.00	350.00	10,017.50	3,098.85	1,541.00	2,278,847.35
B01	Out-patient Pharmacy	1,065,610.00	102,200.00	0.00	60,000.00	0.00	0.00	0.00	250.00	5,900.00	1,467.88	2,123.00	1,237,550.88
B02	In-patient Pharmacy	1,659,110.00	49,000.00	0.00	210,000.00	0.00	833,790.00	35,400.00	900.00	4,230.00	2,120.27	2,170.00	2,796,720.27
B03	Oxygen Supply Center	122,400.00	0.00	0.00	0.00	0.00	109,100.00	0.00	0.00	0.00	0.00	0.00	231,500.00
B04	Laboratory and Pathology	3,553,220.00	54,600.00	0.00	0.00	0.00	1,564,050.00	0.00	1,800.00	17,317.50	46,064.00	21,126.00	5,258,177.50
B05	Blood Bank	754,080.00	0.00	0.00	0.00	0.00	396,625.00	0.00	0.00	0.00	0.00	861.00	1,151,566.00
B06	Radiology	1,700,810.00	0.00	0.00	0.00	0.00	809,700.00	47,400.00	900.00	25,020.00	37,276.00	7,588.00	2,628,694.00
B07	Physiotherapy	900,230.00	42,000.00	0.00	0.00	0.00	151,725.00	57,000.00	300.00	4,500.00	18,668.23	540.00	1,174,963.23
B08	Activity Therapy	301,470.00	0.00	0.00	0.00	0.00	0.00	0.00	500.00	0.00	6,222.74	708.00	308,900.74
B09	Maintenance and Design Equipment for Disable	237,540.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,700.00	6,222.74	2,365.00	248,827.74
B10	Alternative Medical	99,360.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,244.55	0.00	100,604.55

Labor Cost : LC of Maharaj Nakhon Si Thammarat Hospital Between July 1,2003 - December 31 , 2003

(Unit : baht)

Code	Cost Center	wage / salary	Position Allowance	Postmortem Fee	Allowance for not doing personal Medical Clinic	Scarcity Allowance	Overtime / Shift	Housing Allowance	Child Relief Allowance	Child's Tuition Fee	Seminar/ Meeting Fee	Medical Fee	Total Labour Cost
B11	Anaesthetic	3,246,140.00	405,300.00	0.00	0.00	0.00	1,753,950.00	152,000.00	900.00	15,930.00	78,706.00	17,196.00	5,670,122.00
B12	Operating Theatre (Large/Small)	6,629,310.00	426,300.00	0.00	0.00	0.00	3,539,000.00	0.00	2,400.00	27,370.00	0.00	17,960.00	10,642,340.00
B13	Delivery Room	1,951,820.00	158,900.00	0.00	0.00	0.00	551,990.00	0.00	5,750.00	2,230.00	0.00	26,670.00	2,697,360.00
B14	Cardiology Unit	279,240.00	54,600.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8,600.00	342,440.00
B15	Electrocardiogram and Electroencephalogram Unit	239,380.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	239,380.00
C01	OPD – Antenatal Care	782,390.00	70,000.00	0.00	0.00	0.00	0.00	63,500.00	500.00	4,460.00	0.00	22,781.00	943,631.00
C02	OPD – Gynecology and Family Planning	545,640.00	21,000.00	0.00	0.00	0.00	0.00	0.00	1,700.00	0.00	0.00	11,165.00	579,505.00
C03	OPD – Surgery	470,440.00	21,000.00	0.00	0.00	0.00	0.00	0.00	600.00	0.00	0.00	12,100.00	504,140.00
C04	OPD – Urological Surgery	109,740.00	0.00	0.00	0.00	0.00	0.00	48,000.00	200.00	1,500.00	0.00	0.00	159,440.00
C05	OPD – Orthopedics	410,560.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,933.00	412,493.00
C06	OPD – Medical	671,220.00	21,000.00	0.00	0.00	0.00	0.00	0.00	150.00	6,560.00	0.00	3,500.00	702,430.00
C07	OPD – Pediatrics	530,940.00	21,000.00	0.00	0.00	0.00	0.00	0.00	300.00	0.00	0.00	250.00	552,490.00
C08	OPD – Ophthalmology	326,100.00	21,000.00	0.00	0.00	0.00	0.00	0.00	300.00	0.00	0.00	100.00	347,500.00
C09	OPD – Otorhinolaryngology	487,980.00	42,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,066.00	532,046.00
C10	OPD – Specialty Medical Clinic and Psychiatric	830,770.00	73,500.00	0.00	0.00	0.00	0.00	45,600.00	900.00	0.00	19,332.00	775.00	970,877.00
C11	OPD – Social Security	252,840.00	21,000.00	0.00	0.00	0.00	0.00	0.00	300.00	0.00	0.00	0.00	274,140.00
C12	OPD – Part time Clinic	0.00	0.00	0.00	0.00	0.00	1,496,219.00	0.00	0.00	0.00	0.00	0.00	1,496,219.00
C13	OPD – Part time Clinic (Dentistry)	0.00	0.00	0.00	0.00	0.00	533,690.00	0.00	0.00	0.00	0.00	0.00	533,690.00
C14	Accident and Emergency, Forensic Medicine and Cradle Service	2,430,700.00	290,500.00	0.00	0.00	0.00	1,741,090.00	0.00	1,150.00	3,900.00	15,030.00	5,458.00	4,487,828.00
C15	Treatment Room-Injection	397,400.00	21,000.00	0.00	0.00	0.00	0.00	0.00	0.00	2,865.00	0.00	0.00	421,265.00
C16	Hemodialysis	765,420.00	84,000.00	0.00	0.00	0.00	74,450.00	112,000.00	300.00	4,460.00	0.00	11,859.00	1,052,489.00
C17	Dentistry	1,771,660.00	160,200.00	0.00	60,000.00	0.00	2,400.00	51,600.00	850.00	10,580.00	46,856.00	9,148.00	2,113,294.00
C18	Children Health Clinic	442,680.00	21,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	463,680.00
C19	Annual Medical Check-Up Clinic	433,020.00	21,000.00	0.00	0.00	0.00	0.00	57,000.00	0.00	0.00	0.00	1,210.00	512,230.00
C20	Counseling Service Room	353,580.00	42,000.00	0.00	0.00	0.00	0.00	0.00	600.00	4,460.00	0.00	1,600.00	402,240.00
C21	OPD – Rehabilitative Medical	205,560.00	0.00	0.00	0.00	0.00	0.00	0.00	250.00	3,870.00	6,222.74	0.00	215,902.74
D01	Postnatal Ward	1,104,690.00	108,500.00	0.00	0.00	0.00	356,760.00	0.00	600.00	9,110.00	0.00	36,561.00	1,616,221.00

Labor Cost : LC of Maharaj Nakhon Si Thammarat Hospital Between July 1,2003 - December 31 , 2003

(Unit : baht)

Code	Cost Center	wage / salary	Position Allowance	Postmortem Fee	Allowance for not doing personal Medical Clinic	Scarcity Allowance	Overtime / Shift	Housing Allowance	Child Relief Allowance	Child's Tuition Fee	Seminar/ Meeting Fee	Medical Fee	Total Labour Cost
D02	Gynecology Ward	1,238,950.00	127,400.00	0.00	0.00	0.00	362,920.00	0.00	700.00	9,000.00	0.00	1,140.00	1,740,110.00
D03	Male Surgery Ward 1	3,006,910.00	122,500.00	0.00	0.00	0.00	1,680,280.00	0.00	300.00	200.00	0.00	36,516.75	4,846,706.75
D04	Male Surgery Ward No.2	1,947,670.65	105,000.00	0.00	0.00	0.00	783,070.00	114,000.00	0.00	7,200.00	0.00	204,361.00	3,161,301.65
D05	Female Surgery Ward	2,301,090.00	143,500.00	0.00	0.00	0.00	1,054,150.00	81,300.00	0	7,200.00	0.00	13,474.00	3,600,714.00
D06	Male Orthopedic Ward	1,044,230.00	66,500.00	0.00	0.00	0.00	531,060.00	0.00	300.00	4,730.00	0.00	4,519.00	1,651,339.00
D07	Female Orthopedic Ward	1,025,220.00	84,000.00	0.00	0.00	0.00	335,980.00	35,100.00	0.00	2,300.00	30,824.00	100.00	1,513,524.00
D08	Medical Ward No. 1 (Male & Female)	2,828,953.55	138,600.00	0.00	0.00	0.00	1,972,840.00	31,350.00	300.00	9,000.00	0.00	8,720.00	4,989,763.55
D09	Medical Ward No. 2	1,130,990.00	24,500.00	0.00	0.00	0.00	1,098,370.00	0.00	600.00	4,460.00	0.00	6,297.00	2,265,217.00
D10	Medical Ward No. 3	1,315,690.00	73,500.00	0.00	0.00	0.00	821,670.00	60,000.00	300.00	4,000.00	0.00	2,355.00	2,277,515.00
D11	Medical Ward No. 4 (Private Section)	1,376,170.00	91,000.00	0.00	0.00	0.00	212,490.00	48,000.00	0.00	2,000.00	0.00	5,558.00	1,735,218.00
D12	Pediatrics Ward No. 1	1,753,570.00	175,000.00	0.00	0.00	0.00	589,580.00	0.00	950.00	2,700.00	2,208.19	5,849.00	2,529,857.19
D13	Pediatrics Ward No. 2	1,641,860.00	108,500.00	0.00	0.00	0.00	590,040.00	0.00	0.00	950.00	2,378.05	5,752.00	2,349,480.05
D14	Newborn Ward No. 1	1,744,630.00	159,600.00	0.00	0.00	0.00	482,610.00	0.00	0.00	0.00	2,293.12	2,851.00	2,391,984.12
D15	Newborn Ward No. 1	1,894,660.00	129,500.00	0.00	0.00	0.00	745,930.00	0.00	0.00	13,890.00	33,887.63	23,301.00	2,841,168.63
D16	Eye Ear Nose Throat Ward	1,922,340.00	226,100.00	0.00	0.00	0.00	466,390.00	57,000.00	300.00	0.00	0.00	2,436.00	2,674,566.00
D17	Sick Monk Ward	1,126,740.00	119,000.00	0.00	0.00	0.00	197,730.00	0.00	0.00	0.00	0.00	17,125.00	1,460,595.00
D18	ICU Ward No. 1	2,132,140.00	80,500.00	0.00	0.00	0.00	1,184,270.00	33,000.00	550.00	6,410.00	0.00	32,095.00	3,468,965.00
D19	ICU Ward No. 2	1,777,460.00	119,000.00	0.00	0.00	0.00	794,310.00	122,800.00	50.00	7,050.00	0.00	17,100.00	2,837,770.00
D20	Private Section Ward : Limpichart-Thungcar Habour	2,674,520.00	359,100.00	0.00	0.00	0.00	628,390.00	0.00	1,200.00	15,710.00	0.00	4,148.00	3,683,068.00
D21	Private Section Ward – Children	462,570.00	10,500.00	0.00	0.00	0.00	98,400.00	23,400.00	600.00	0.00	0.00	750.00	596,220.00
D22	Private Section Ward No. 2	2,023,680.00	255,500.00	0.00	0.00	0.00	705,060.00	83,800.00	750.00	9,030.00	0.00	6,491.00	3,084,311.00
D23	Private Section Ward No. 4	1,508,500.00	226,100.00	0.00	0.00	0.00	491,160.00	0.00	550.00	1,950.00	0.00	3,369.00	2,231,629.00
D24	Private Section Ward No. 5	308,560.00	28,000.00	0.00	0.00	0.00	219,550.00	0.00	0.00	0.00	0.00	0.00	556,110.00
D25	Private Section Ward : Chalerm Phrabaramee (2 nd Fl.)	1,504,620.00	136,500.00	0.00	0.00	0.00	134,150.00	28,600.00	500.00	8,830.00	0.00	21,115.00	1,834,315.00
E01	Social Medical Unit	3,440,726.78	329,000.00	0.00	0.00	0.00	253,630.00	221,300.00	2,050.00	14,210.00	193,531.00	58,107.00	4,512,554.78
E02	Health Education Unit	718,480.00	0.00	0.00	0.00	0.00	18,775.00	0.00	300.00	2,700.00	60,078.00	90,091.00	890,424.00
E03	Medical Education Center	112,020.00	0.00	0.00	0.00	0.00	14,500.00	0.00	0.00	0.00	0.00	0.00	126,520.00
DR	Doctor (Severl Department)	8,720,004.11	1,538,826.70	78,500.00	1,580,000.00	72,000.00	7,508,250.00	0.00	7,450.00	49,060.00	211,296.00	94,583.00	19,859,969.81
NU	Nurse (Severl Department)	442,860.00	75,600.00	0.00	0.00	0.00	0.00	0.00	0.00	2,100.00	0.00	91,078.00	611,638.00
	Total	113,122,741.33	7,684,726.70	78,500.00	2,085,000.00	72,000.00	42,382,254.00	2,133,750.00	53,670.00	459,071.00	1,907,752.49	1,181,311.75	171,160,777.27

Material Cost : MC of Maharaj Nakhon Si Thammarat Hospital Between July 1,2003 – December 31 , 2003

(Unit : baht)

Cod e	Cost Center	Drug	Medical and Science Equipment	Housekeeping/ Kitchen	Publishing and Printing material	Food	Contractor Fee	Fuel & Energy	Electricity,water Supply and Construction	Gass of Medical use	Utility Expenses	Vaccine	Total Material Cost
A01	General Administration	0.00	0.00	28,357.81	101,708.24	0.00	1,476,729.50	2,272,638.00	0.00	0.00	10,232,855.14	0.00	14,112,288.69
A02	Budget	0.00	0.00	4,094.34	12,353.00	0.00	2,317.00	0.00	0.00	0.00	0.00	0.00	18,764.34
A03	Finance	0.00	0.00	899.01	117,745.74	0.00	1,379.40	0.00	0.00	0.00	0.00	0.00	120,024.15
A04	Accounting	0.00	0.00	195.00	59,806.41	0.00	16,790.60	0	0.00	0.00	0.00	0.00	76,792.01
A05	Revenue Collection	0.00	0.00	38,876.11	67,471.37	0.00	240.60	0.00	0.00	0.00	0.00	0.00	106,588.08
A06	Nursing Administration Office	0.00	0.00	34,740.57	83,701.30	0.00	32,245.80	0.00	0.00	0.00	0.00	0.00	150,687.67
A07	Health System Development Unit, Library	0.00	0.00	4,021.29	173,971.39	0.00	4,553.40	0.00	0.00	0.00	0.00	0.00	182,546.08
A08	Quality Assurance Center	0.00	0.00	680.20	72,244.76	0.00	13,452.80	0.00	0.00	0.00	0.00	0.00	86,377.76
A09	Medical Registry and Statistics	0.00	0.00	16,771.45	401,096.85	0.00	26,503.70	0.00	0.00	0.00	0.00	0.00	444,372.00
A10	Computer Maintenance Center	0.00	0.00	0.00	28,100.00	0.00	2,128.00	0.00	0.00	0.00	0.00	0.00	30,228.00
A11	Maintenance Center	0.00	240.00	8,473.21	6,755.36	0.00	111,920.00	0.00	1,406,630.05	0.00	0.00	0.00	1,534,018.62
A12	Medical Equipment Maintenance Center	0.00	1,232,636.63	7,907.98	4,545.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,245,090.58
A13	Office of OPD Service	0.00	0.00	73,799.50	18,034.72	0.00	14,822.42	0.00	0.00	0.00	0.00	0.00	106,656.64
A14	Laundry and Seamstress	0.00	0.00	605,271.97	5,504.66	0.00	66,436.80	0.00	0.00	0.00	0.00	0.00	677,213.43
A15	Central Supply & Facility and IC Office	0.00	7,536,926.54	175,645.07	37,383.44	0.00	83,165.00	0.00	0.00	0.00	0.00	0.00	7,833,120.05
A16	Dietetics	0.00	26,358.39	619,994.80	46,197.37	9,387,210.94	20,286.80	0.00	0.00	0.00	0.00	0.00	10,100,048.30
A17	Supply and Equipment	0.00	14,235.33	2,389.33	101,466.84	0.00	7,784.80	0.00	0.00	0.00	0.00	0.00	125,876.30
A18	Procurement and Pharmaceutical product	1,889,911.82	21,725.33	19,310.67	41,519.52	0.00	61,868.20	0.00	0.00	0.00	0.00	0.00	2,034,335.54
B01	Out-patient Pharmacy	49,086,208.50	2,930,601.26	0.00	17,084.02	0.00	14,768.42	0.00	0.00	0.00	0.00	0.00	52,048,662.20
B02	In-patient Pharmacy	50,930,812.80	6,006,883.53	12,399.22	35,024.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	56,985,120.00
B03	Oxygen Supply Center	0.00	0.00	534.50	482.50	0.00	60.00	0.00	0.00	7,814,553.31	0.00	0.00	7,815,630.31
B04	Laboratory and Pathology	0.00	13,438,559.83	46,452.39	102,685.16	0.00	20,771.40	0.00	0.00	0.00	0.00	0.00	13,608,468.78
B05	Blood Bank	0.00	1,313,557.28	10,590.70	85,237.66	0.00	3,211.80	0.00	0.00	0.00	0.00	0.00	1,412,597.44
B06	Radiology	0.00	936,917.17	59,633.50	111,479.30	0.00	1,709,572.50	0.00	0.00	0.00	0.00	0.00	2,817,602.47
B07	Physiotherapy	0.00	56,062.25	38,059.39	16,695.62	0.00	53,450.00	0.00	0.00	0.00	0.00	0.00	164,267.26
B08	Activity Therapy	0.00	163,333.23	7,570.82	4,427.00	0.00	42,650.00	0.00	0.00	0.00	0.00	0.00	217,981.05
B09	Maintenance and Design Equipment for Disable	0.00	226.66	706.00	3,793.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4,726.52
B10	Alternative Medical	0.00	0.00	1,007.66	1,026.54	0.00	70,160.00	0.00	0.00	0.00	0.00	0.00	72,194.20
B11	Anaesthetic	0.00	730,173.18	7,227.60	28,602.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	766,003.68

Material Cost : MC of Maharaj Nakhon Si Thammarat Hospital Between July 1,2003 – December 31 , 2003

(Unit : baht)

Code	Cost Center	Drug	Medical and Science Equipment	Housekeeping/ Kitchen	Publishing and Printing material	Food	Contractor Fee	Fuel & Energy	Electricity,water Supply and Construction	Gas of Medical use	Utility Expenses	Vaccine	Total Material Cost
B12	Operating Theatre (Large/Small)	0.00	9,359,999.00	130,783.09	85,908.94	0.00	39,040.00	0.00	0.00	0.00	0.00	0.00	9,615,731.03
B13	Delivery Room	0.00	82,409.72	21,584.46	44,490.28	0.00	69,770.00	0.00	0.00	0.00	0.00	0.00	218,254.46
B14	Cardiology Unit	0.00	6,756.40	4,975.96	334.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12,066.36
B15	Electrocardiogram and Electroencephalogram Unit	0.00	16,945.00	1,133.64	982.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19,061.30
C01	OPD – Antenatal Care	0.00	12,822.37	0.00	18,236.36	0.00	14,768.42	0.00	0.00	0.00	0.00	0.00	45,827.15
C02	OPD – Gynecology and Family Planning	0.00	17,086.15	0.00	24,300.45	0.00	14,768.42	0.00	0.00	0.00	0.00	0.00	56,155.02
C03	OPD – Surgery	0.00	22,685.05	0.00	32,263.36	0.00	14,768.42	0.00	0.00	0.00	0.00	0.00	69,716.83
C04	OPD – Urological Surgery	0.00	4,052.59	0.00	5,763.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9,816.31
C05	OPD – Orthopedics	0.00	17,279.63	0.00	24,575.61	0.00	14,768.42	0.00	0.00	0.00	0.00	0.00	56,623.66
C06	OPD – Medical	0.00	33,726.28	0.00	47,966.55	0.00	14,768.42	0.00	0.00	0.00	0.00	0.00	96,461.25
C07	OPD – Pediatrics	0.00	17,713.83	0.00	25,193.15	0.00	14,768.42	0.00	0.00	0.00	0.00	0.00	57,675.40
C08	OPD – Ophthalmology	0.00	14,064.43	0.00	20,002.86	0.00	14,768.42	0.00	0.00	0.00	0.00	0.00	48,835.71
C09	OPD – Otorhinolaryngology	0.00	11,435.57	0.00	16,264.01	0.00	14,768.42	0.00	0.00	0.00	0.00	0.00	42,468.00
C10	OPD – Specialty Medical Clinic and Psychiatric	0.00	0.00	0.00	2,163.50	0.00	15,217.22	0.00	0.00	0.00	0.00	0.00	17,380.72
C11	OPD – Social Security	0.00	11,727.99	0.00	16,679.91	0.00	14,768.42	0.00	0.00	0.00	0.00	0.00	43,176.32
C12	OPD – Part time Clinic	0.00	27,080.27	0.00	38,514.39	0.00	14,768.42	0.00	0.00	0.00	0.00	0.00	80,363.08
C13	OPD – Part time Clinic (Dentistry)	0.00	3,769.03	0.00	5,360.42	0.00	14,768.42	0.00	0.00	0.00	0.00	0.00	23,897.87
C14	Accident and Emergency, Forensic Medicine and Cradle Service	0.00	296,877.87	34,133.68	57,915.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	388,927.51
C15	Treatment Room-Injection	0.00	8,430.09	0.00	11,989.54	0.00	14,768.42	0.00	0.00	0.00	0.00	0.00	35,188.05
C16	Hemodialysis	0.00	4,585.44	1,216.28	81,679.59	0.00	2,140.00	0.00	0.00	0.00	0.00	0.00	89,621.31
C17	Dentistry	0.00	732,057.70	7,936.99	41,164.70	0.00	15,033.02	0.00	0.00	0.00	0.00	0.00	796,192.41
C18	Children Health Clinic	0.00	3,659.40	4,309.35	7,991.09	0.00	14,945.42	0.00	0.00	0.00	0.00	0.00	30,905.26
C19	Annual Medical Check-Up Clinic	0.00	1,007.24	0.00	1,432.53	0.00	15,318.42	0.00	0.00	0.00	0.00	0.00	17,758.19
C20	Counseling Service Room	0.00	17.72	0.00	25.21	0.00	14,768.42	0.00	0.00	0.00	0.00	0.00	14,811.35
C21	OPD – Rehabilitative Medical	0.00	0.00	0.00	2,276.67	0.00	43,212.20	0.00	0.00	0.00	0.00	0.00	45,488.87
D01	Postnatal Ward	0.00	21,761.96	40,784.00	19,511.98	0.00	1,152.00	0.00	0.00	0.00	0.00	0.00	83,209.94
D02	Gynecology Ward	0.00	11,451.10	24,777.69	42,023.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	78,252.52
D03	Male Surgery Ward I	0.00	134,103.42	58,526.90	50,558.04	0.00	480.00	0.00	0.00	0.00	0.00	0.00	243,668.36

Material Cost : MC of Maharaj Nakhon Si Thammarat Hospital Between July 1,2003 – December 31 , 2003

(Unit : baht)

Code	Cost Center	Drug	Medical and Science Equipment	Housekeeping /Kitchen	Publishing and Printing material	Food	Contractor Fee	Fuel & Energy	Electricity, water Supply and Construction	Gass of Medical use	Utility Expenses	Vaccine	Total Material Cost
D04	Male Surgery Ward No. 2	0.00	56,252.74	16,502.18	30,520.94	0.00	1,160.00	0.00	0.00	0.00	0.00	0.00	104,435.86
D05	Female Surgery Ward	0.00	133,960.16	37,445.78	59,853.64	0.00	750.00	0.00	0.00	0.00	0.00	0.00	232,009.58
D06	Male Orthopedic Ward	0.00	20,534.00	32,643.97	32,856.50	0.00	1,560.00	0.00	0.00	0.00	0.00	0.00	87,594.47
D07	Female Orthopedic Ward	0.00	4,256.60	8,980.56	19,525.70	0.00	1,755.00	0.00	0.00	0.00	0.00	0.00	34,517.86
D08	Medical Ward No. 1 (Male & Female)	0.00	117,126.73	73,475.12	48,027.16	0.00	184,339.40	0.00	0.00	0.00	0.00	0.00	422,968.41
D09	Medical Ward No. 2	0.00	84,726.30	33,462.37	64,496.52	0.00	85,154.40	0.00	0.00	0.00	0.00	0.00	267,839.59
D10	Medical Ward No. 3	0.00	274,427.61	41,534.07	90,547.32	0.00	79,434.40	0.00	0.00	0.00	0.00	0.00	485,943.40
D11	Medical Ward No. 4 (Private Section)	0.00	139,537.74	140,794.73	36,259.01	0.00	177,615.80	0.00	0.00	0.00	0.00	0.00	494,207.28
D12	Pediatrics Ward No. 1	0.00	54,915.40	17,317.58	40,088.45	0.00	3,000.00	0.00	0.00	0.00	0.00	0.00	115,321.43
D13	Pediatrics Ward No. 2	0.00	154,103.43	34,214.68	53,914.47	0.00	2,030.00	0.00	0.00	0.00	0.00	0.00	244,262.58
D14	Newborn Ward No. 1	0.00	93,068.00	18,182.17	28,291.21	0.00	300.00	0.00	0.00	0.00	0.00	0.00	139,841.38
D15	Newborn Ward No. 1	0.00	47,885.38	33,145.71	20,782.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	101,813.24
D16	Eye Ear Nose Throat Ward	0.00	34,799.00	22,973.20	35,062.26	0.00	20,616.60	0.00	0.00	0.00	0.00	0.00	113,451.06
D17	Sick Monk Ward	0.00	40,697.64	14,822.72	18,331.15	0.00	3,585.00	0.00	0.00	0.00	0.00	0.00	77,436.51
D18	ICU Ward No. 1	0.00	354,796.41	47,942.50	37,259.70	0.00	3,210.00	0.00	0.00	0.00	0.00	0.00	443,208.61
D19	ICU Ward No. 2	0.00	263,310.31	29,240.00	16,034.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	308,584.72
D20	Private Section Ward : Limpichart-Thungcar Habour	0.00	196,558.41	98,000.93	201,513.60	0.00	194,630.00	0.00	0.00	0.00	0.00	0.00	690,702.94
D21	Private Section Ward – Children	0.00	0.00	2,624.00	770.52	0.00	270.00	0.00	0.00	0.00	0.00	0.00	3,664.52
D22	Private Section Ward No. 2	0.00	40,755.90	28,954.62	21,227.64	0.00	3,430.00	0.00	0.00	0.00	0.00	0.00	94,368.16
D23	Private Section Ward No. 4	0.00	9,728.00	12,364.46	17,034.50	0.00	150.00	0.00	0.00	0.00	0.00	0.00	39,276.96
D24	Private Section Ward No. 5	0.00	7,889.00	0.00	0.00	0.00	3,254.00	0.00	0.00	0.00	0.00	0.00	11,143.00
D25	Private Section Ward : Chalerm Phrabaramee (2 nd Fl.)	0.00	297,180.14	231,317.68	100,574.08	0.00	90,990.00	0.00	0.00	0.00	0.00	0.00	720,061.90
E01	Social Medical Unit	119,750.00	303,272.00	45,617.58	129,627.63	0.00	52,287.40	0.00	0.00	0.00	0.00	119,750.00	770,304.61
E02	Health Education Unit	0.00	0.00	896.91	138,722.15	0.00	35,707.40	0.00	0.00	0.00	0.00	0.00	175,326.46
E03	Medical Education Center	0.00	4,657.30	6,051.31	100,071.86	0.00	86,935.30	0.00	0.00	0.00	0.00	0.00	197,715.77
	Total	102,026,683.12	48,016,380.06	3,184,276.96	3,853,107.73	9,387,210.94	5,297,731.38	2,272,638.00	1,406,630.05	7,814,553.31	10,232,855.14	119,750.00	193,611,816.69

APPENDIX C

Consumer Price Index of Thailand Base Year 2002

Year	Consumer Price index of Medical care Best Year 2002 = 100	% change
1990	60.3	8.4
1991	64.1	6.3
1992	68.9	7.5
1993	75.1	9.0
1994	80.6	7.3
1995	83.6	3.7
1996	84.7	1.3
1997	87.5	3.3
1998	92.4	5.6
1999	94.8	2.6
2000	96.5	1.8
2001	98.7	2.3
2002	100.0	1.3
2003	101.3	1.3

Source : Bureau of Trade and Economic indices Ministry of Commerce Thailand

The method of calculation adjust the Unit Cost to be the value of the year 2003 by Medical care group

Example

In the year 1996 unit cost of out patient at 236 baht / visit

In the year 1996 consumer price index is 84.7

In the year 2003 consumer price index is 101.3

There for the Unit Cost of out – patient adjust the value of the year 2003

$$\text{equal } \frac{236 \times 101.3}{84.7} = 282.25 \text{ baht/visit}$$

CURRICULUM VITAE



Name Mrs. Suppagee Na Pattalung

Data of Birth January 1, 1964

Place of Birth Nakhon Si Thammarat Province, Thailand

Institution Attended Songkhla Nursing College: Bachelor degree in nursing
and advanced midwifery, 1985
College of Public Health, Chulalongkorn University:
Master Degree in Public Health (Health System
Development)

Position & Office Position: Professional nurse Level 7, Head of Male
Surgery ward No.1
Office: Maharaj Nakhon Si Thammarat, Muang
District, Nakhon Si Thammarat Province, Thailand