

Report of McCormick Hospital : 1928-29.

Contributors

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ของ

โรงพยาบาล แม็คคอร์ดมิก

เชียงใหม่

REPORT
OF
McCORMICK HOSPITAL
For The Year 1928-29

American Presbyterian Mission
CHIENGMAI, SIAM




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REPORT
OF
McCORMICK HOSPITAL
For The Year 1923-29

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REPORT
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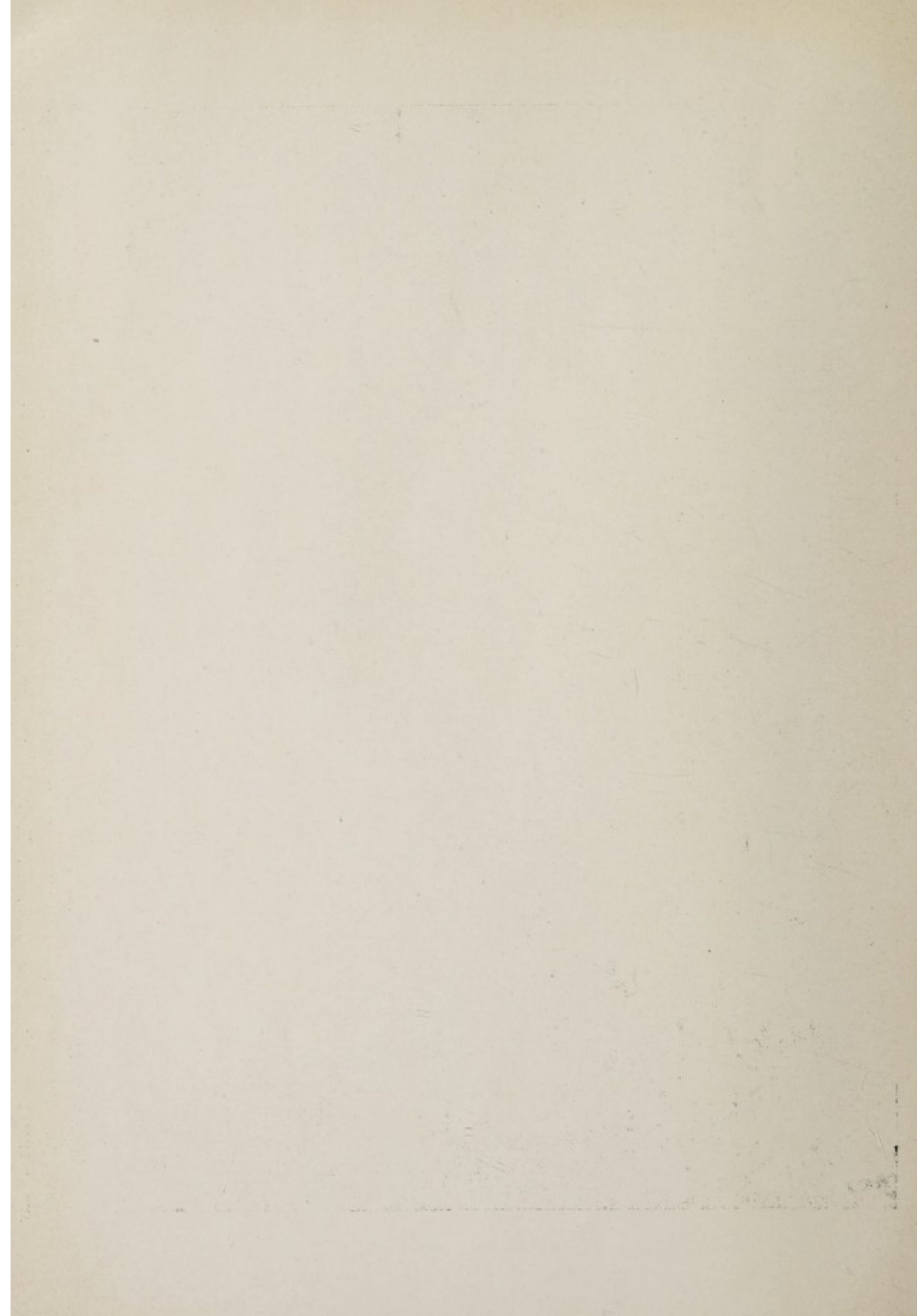
American Presbyterian Mission
CHIENGMAI, SIAM

REPORT
OF
McCORMICK HOSPITAL
For The Year 1928-29

CHENGMAI SIAM
American Presbyterian Mission



HER MAJESTY SOMDECH PHRAPANVASSA MATUCHA CHAO, THE PRESIDENT OF THE RED CROSS SOCIETY OF SIAM, COMMENDING
LUANG ANUSARN SOONTON AND HIS WIFE, THE DONORS OF THE NEW MATERNITY BUILDING. HER MAJESTY HAS JUST OPENED
AND INSPECTED THE BUILDING. H. R. H. PRINCE KAMPANGPET AND H. H. PRINCE DOSSIRIWONGSE ARE IN ATTENDANCE UPON
HER MAJESTY.



THE STAFF

General

James W. McKean, M. A., M. D. (Bellevue)	consultant
in charge of dispensaries	
Edwin C. Cort, M. A., M. D. (Johns Hopkins)	superintendent
F. A. C. S.	
Henry R. O'Brien, M. A., M. D. (Michigan)	associate
Mrs. Edwin C. Cort, B. A.	dietician
Moung Moung	assistant
Nai Chinda Sinhanetra	"
Nai Chan Dang Metah	"

Nursing

Miss Sadie P. Lemmon, B. S., R. N.	superintendent of
(West Penn Hospital)	nurses ; directress of
	training school
N. S. Civili Sinhanetra N. A. C. (P. U. M. C.)	supervisor
Nang Boon Pun Sinhanetra, R. C. N. (McCormick)	graduate nurse
N. S. Pranie Suwadhi	graduate nurse
Sixteen student nurses	

Evangelistic

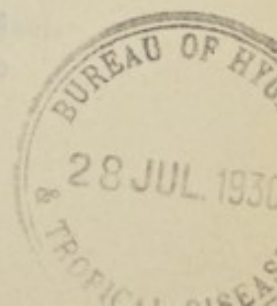
Elder Tha Duang Suwan	evangelist
Nan Prome Pomanate	"

Business

J. Hugh McKean, B. A.	business manager
R. Baer	accountant
Nai Muang Chai Chininpan	head pharmacist
	(dispensaries)
Nai Noi Akesuwan	hospital clerk

Additional working force of the hospital September 30, 1929					
pharmacist	wardmaids	6	mechanical staff	2	
clinic clerk	orderlies	5	laundry workers	6	
messengers 2	cooks	7	goat herders	4	
carboy	coolies	7	gardeners	2	
			chicken keeper		

(A total of 70 in addition to the missionary force)



McCormick Hospital

We close the most successful year in the history of the hospital with deep sorrow and regret.

On April 27th we had the signal honor of having H. R. H. Prince Mahidol of Songkla, C. P. H., M. D., Heir Presumptive to the Throne of Siam, join the staff of McCormick Hospital. An honor graduate from Harvard, a physician of great ability, and an untiring worker, he was of the greatest assistance during his brief three weeks in the Hospital. By his ability, his charm, his utter unselfishness, and his unfailing kindness and courtesy he won the deep love and admiration of all connected with the Hospital and of the entire community of Chiangmai. After these brief three weeks of splendid service he went to Bangkok to attend the cremation of H. R. H. Prince Bhanurangsi, was taken ill on his arrival and finally passed away on September 24th, 1929. A great Prince, a brilliant well trained physician who not only gave his means most freely in the education of young men and women abroad and for building up the cause of education, especially medical, in Siam; who used his great influence for the furtherance of the Medical School and Public Health and also for every cause that he believed meant better spiritual and material conditions for his People, but who above all gave himself without stint in actual service, we believe that his memory will be a great and shining example to the young men and women of Siam.

In January we had the great honor of a visit from Her Majesty Phrapanyassa Matuchachao, the Queen Aunt, President of the Siamese Red Cross Society, who graciously laid the corner stone of the new Administration building which is a memorial to the princely house of Chiangmai, and opened our beautiful new ferro-concrete maternity building, the gift of Luang Anusan and his wife.

During the year we had the great good fortune to receive an annual Grant-in Aid from His Siamese Majesty's Government of Ticals 10,000, about \$ 4,500. The only condition expressed was that "we treat all classes of patients without respect to persons", and since no patient has ever been



H. R. H. PRINCE MAHIDOL OF SONGKLA, C. P. H., M. D. (HARVARD),
ALPHA OMEGA ALPHA, DELTA OMEGA

THE UNIVERSITY OF CHICAGO PRESS
CHICAGO, ILL. 60607
1968

turned away for lack of money, and for many years past an average of 40% of our cases have been free, that means only a continuation of the present policy. In fact an analysis of our statistics shows that while only 268 of our 1,184 inpatients or 22.6% were absolutely free many paid so small a part of their cost of hospital care that of our total of 21,307 days of hospital treatment, 9,801 were entirely free making a total of 46% of work this past year entirely free. When it is realized that no general hospital at home which renders extensive free service ever hopes to be self supporting, and that for all these years with the exception of the salaries of the missionary members of the staff, we have had to be and have been self supporting, the great value of this generous gift from his Siamese Majesty's Government becomes understandable. But perhaps even more satisfactory is the stamp of approval it gives to the work we are trying to do for this community.

Another event of great importance was the opening of our new electric light plant and steam laundry, the latter the gift of Mrs. George McKee of Pittsburgh. After working for years with the inconvenience and inefficiency of kerosene lamps, the electric light is a tremendous boon and will make possible the use of X-ray and other much needed electric therapeutic apparatus which we hope soon to obtain. At the time the laundry was started we were having continuous rains resulting in the greatest flood in the history of this province, the entire hospital compound being under water and for days it had been impossible to get any linen dry, so that the steam laundry was indeed a God-send in enabling us to carry on at all, as we had completely exhausted our supply of sheets and clothing. In the quality of the work turned out the improvement is so great as to be beyond comparison.

The number of in-patients during the year has increased 60% over last year, and the out-patient service which is still too low, has greatly increased, reflecting the increased efficiency due to the larger foreign staff, as this is the first year since the opening of McCormick hospital that we have had two missionary doctors on the job at the same time.

The fine quality of the nurses and their keenness in their work has been a matter of great gratification. The training of the Siamese staff has gone forward, our chief laboratory man having gone to Bangkok for a month of intensive training in the laboratory of the Siriraj Hospital in

connection with the Royal Medical School. As the Hospital has been crowded most of the time much overtime work has been required of the assistants, and it is always done gladly and as a matter of course.

As usual we have laid much emphasis on diets, all diets being prescribed and then carefully worked out by the dietitian. The difficulty, is that not only must the diet be adapted to the patient's disease but also to the patient, a matter of no small difficulty, especially when the needed diet contains such unusual articles as milk; so that the dietitian in addition to other heavy duties not only has to arrange the diet but must persuade the patient to eat it and in many cases must devise all sorts of camouflage as to taste etc. In addition, the dietitian has arranged diets for many out-patients including the difficult problem of a diabetic diet in a land where the bulk of the food is carbohydrate.

It is gratifying to observe that while the total number of inpatients have increased the average stay in the hospital has decreased reflecting the benefits of improved nursing care and diet.

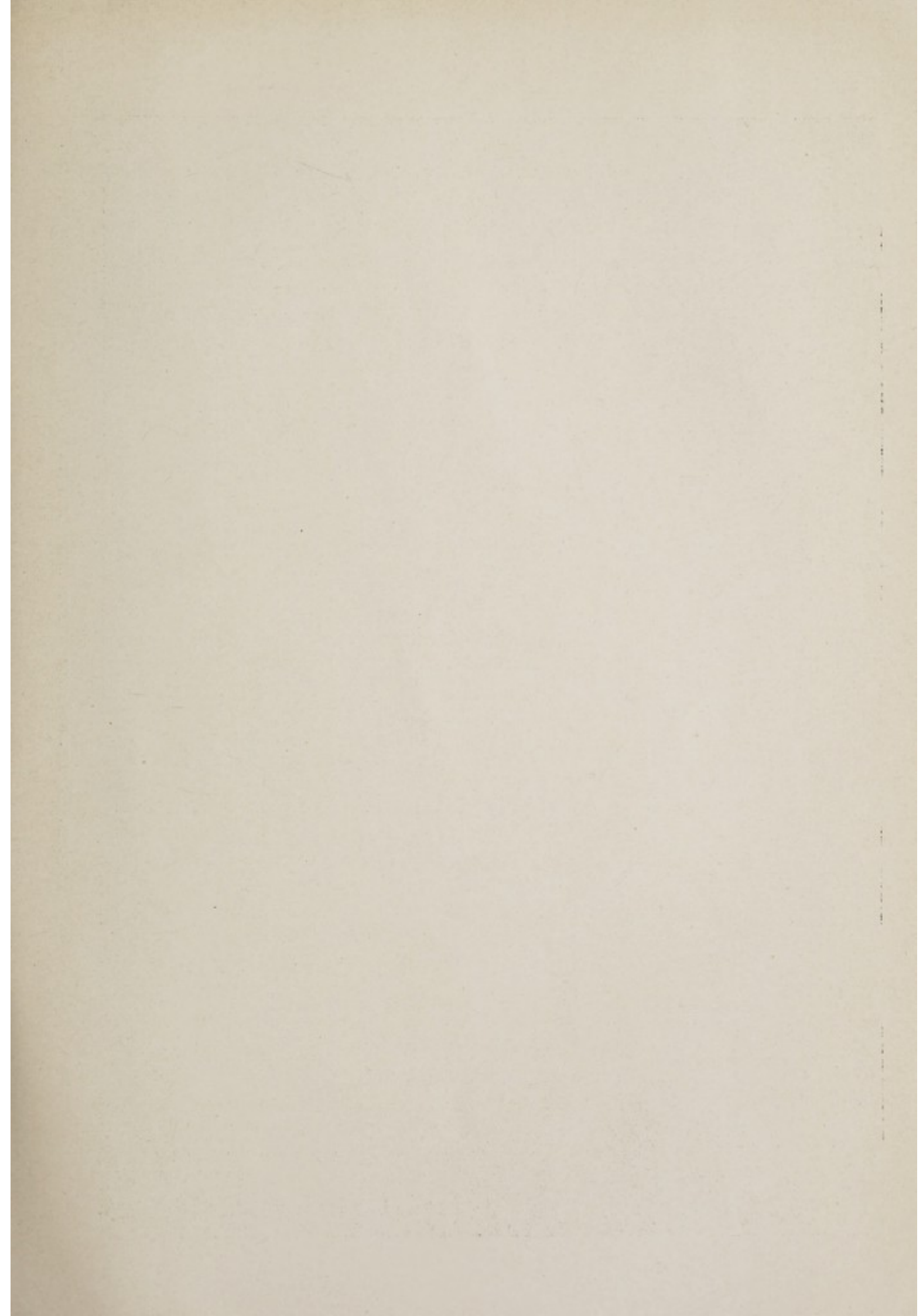
There have been several changes in the missionary staff. We regret that Miss Agnes Barland, the first principal of the nurses' training school, resigned in January, 1929. By mission action, Dr. and Mrs. Douglas R. Collier are transferred from Nan to Chiangmai on their return from furlough early in 1930. A new nurse, Miss Dorothy Caswell, is on her way from America; she will spend a year in Bangkok in language study.

Medical articles submitted and published during the year include: "Conjunctival Polyp Arising From Grass Seed" and "Ascaris in the Appendix," by Doctor O'Brien, which appeared in the The China Medical Journal, November, 1929.

We wish to thank Dr. A. G. Ellis and other members of the Siriraj Hospital staff for help in the diagnosis of pathological specimens and for advice in other lines.

Evangelistic

We have had as usual the services of two full time evangelists who spend most of their days in teaching patients in the hospital and in working in the evening with relatives of patients, who stay in the Hospital Rest House.





HOSPITAL ELECTRIC LIGHT PLANT AND LAUNDRY

In addition they make frequent visits to out villages to follow up those who have shown interest in the Way of Life while in the Hospital. On these trips, in addition to their evangelistic work they frequently find those who are in need of medical or surgical treatment in the Hospital, and persuade them to come in.

As evidence of the atmosphere we are trying to create the evangelistic missionaries state that they have frequently noticed a deepening of the spiritual life of Christians who have been patients in the hospital.

The Sunday afternoon service for convalescent patients has been continued and is of distinct value.

Physical Plant

This year we have added two buildings completed and one under construction. The Maternity ward, the gift of Luang Anusan Soonthorn and his wife, is a beautiful ferro concrete building. It contains a six bed ward floored with colored Italian tiles; a normal delivery room, an operative delivery room, and a scrub up room with floors and walls of white tile; a screened nursery with separate feeding and dressing room so arranged as to permit of isolation of babies from visitors; a service room, a two bed private room, bath and toilet rooms.

The power building, a well constructed edifice with cement floor and galvanized iron roof and walls, houses the Deissel engine, dynamo and batteries of the electric light plant, the pump for our water system and the four units of the laundry plant: washer, centrifugal extractor, drying tumbler, and ironer.

The administration building which will combine administration offices, examining rooms, rooms for X-ray and electric treatment and examination, which is the gift of the decedents of the old Royal Family of Chiangmai led by H. H. Princess Chao Dara Ratsami, Phrarachaya, and the Chao Luang the Prince of Chiangmai is under construction.

The hospital dairy of Anglo-Nubian goats and the hospital gardens and chicken farm have been increasingly useful in helping to provide an adequate diet for the patients.

TRAINING SCHOOL FOR NURSES

Miss Sadie Lemmon, Superintendent of Nurses

N. S. Civili Sinhanetra, Supervisor

Nang Boon Pun Sinhanetra, Head Nurse

Seniors

N. S. Boa Khieo Nantah, Nan

N. S. Cham Chan Indravudhi, Chiangmai

N. S. Sree Pun Chaininpan, Chiangmai

Juniors

N. S. Somran Indravudhi, Chiangmai

N. S. Vaaw Tavaraputta, Pitsanuloke

N. S. Boon Choo Sree Kong, Pitsanuloke

N. S. Edna Suksaka, Chiangmai

Freshmen

N. S. Somboon Padmadatt, Lampang

N. S. Sylvia Ogle, Chiangmai

N. S. Prathin Bunnag, Bangkok

N. S. Fong Chan Indhabhan, Lampoon

N. S. Jhalaw Jayanam, Chiangmai

N. S. Boa Lai Kannawah, Lampoon

N. S. Krasaa Indrahah, Pitsanuloke

N. S. Pai Pun Somvongse, Chiangrai

Special Work

Nang Tammada Pungsenai, Prae

The year in the Nurses' Training School has been a busy and interesting one. Two commencements have fallen within the year, one in October, 1928, when three nurses were graduated, the other in June, 1929, with a class of two.

In May a new class of ten girls entered. One of these is a special student for one year only. At the end of the probation period one of these girls dropped out, leaving a present total of sixteen student nurses. These girls come from eight different stations.

A loan fund for girls needing financial aid was started by Doctor and Mrs. O'Brien. Girls may borrow from this fund with the understanding that it is to be returned again after graduation or upon ceasing affiliation with the school for any reason.

Two of the girls who entered this year gave one hundred ticals each to the school. Part of this has been placed in the fund mentioned above; the remainder was used for general expenses.

The capacity of the Nurses' Home is being severely taxed with the present number of nurses, so that the next class will have to be limited according to available living quarters, though more nurses are needed for the hospital work. A new nurses' home is an urgent necessity.

There has been more sickness than usual among the nurses this year, due largely to the general increase of malaria.

GIFTS TO McCORMICK HOSPITAL

For General Funds

Phra Banvassa Matucha Chao	Tcs. 200.00
H. R. H. Prince Songkla	
Continuance of the support of Dr. H. R. O'Brien	
Royal Symphony Orchestra concert receipts	178.75
Benefit play	1,120.00
Chiengmai gendarmerie, through Phya Pitak	150.00
Luang Anusarn Soontan	80.00
Nai Sanan, Lampang	40.00
Suan Hong, Lampang	20.00
Chao Noi Non	10.00
	<hr/>
	Tcs. 1,823.75
Nai Muang Chai Chaininpan (not previously acknowledged)	
2 mattresses, 2 pillows, 2 nets, sheets, etc.	
Maternity Fund (additional)	\$ 465.00
Mt. Auburn Pres. Church, Cincinnati	500.00
Miss Mildred M. Armstrong (two memorial beds)	100.00
Buena Memorial Church	25.00
	<hr/>
	\$ 1,090.00

For Building

Na-Chiengmai family (for administration building) in addition	
to Tcs. 3,794 previously reported	Tcs. 12,961.00

STATISTICS

(Covering the period from October 1, 1928 through September 30, 1929)

Hospital

Results :—

In the hospital at the beginning of the year	49
Admitted during the year	1,135
Total in-patients treated during the year	1,184
Discharged	
Cured	742
Improved	234
Not improved	32
Not treated	9
Died	91
(Of these 24 died within 24 hours, leaving a corrected death rate of 67/1,084, or 6.2%)	
Total	1,108
Still in the hospital	76
Total number of hospital days	21,307
Hospital beds	86
Average stay in the hospital of the 1,108 patients discharged during the year	18.3 days
Largest number of in-patients (June 25, 1929)	80

Clinic Section

Patients treated	2,017
Revisits	3,045
Total number of treatments	5,062
Minor operations	107
Surgical dressings	870
Injections	522
Persons given antirabic treatment	12

Outside Practice

Number of outside calls	1,113
Country calls	72
Outside deliveries	10

Distribution by Race of Patients Admitted During the Year

Siamese	921	Chinese	108
European and American	17	Burmese	13
Indian	29	Kamoo	23
Haw	5	Lu	1
Thawng Su	3	Luang Prabang Lao	2
Total	1,135		

FINANCIAL STATEMENT

For The Year Ending September 30, 1929

RECEIPTS :

Balance, cash,	
October 1, 1928 Tcs.	1,047.21
Receipts for the year	
Hospital patients	29,370.88
Calls	3,243.55
Clinic sale of drugs	6,152.06
Injections, dressings,	
etc, in clinic	1,696.81
Gifts	1,823.75
Sundry receipts	577.03
Debit balance	1,940.94

Tcs. 45,852.32

EXPENDITURES :

Wages, hospital	
staff and office Tcs.	8,800.16
Wages, coolies,	
laundry, etc.	2,437.33
Kitchen	
Food	10,741.58
Wages	1,246.10
Garden & chickens	467.24
Goat dairy	1,583.38
Medicines	10,248.76
Lighting & sterilizer	340.60
Waterworks	1,652.94
Travel	1,683.84
Post & telegraph	453.85
Soap, laundry	297.26
Sundries	5,899.19

Tcs. 45,852.32

Note: the subsidy of Tcs. 10,000 from the Siamese government was received after the close of this period.

Free Hospital Care

	Inpatients Hospital days			
	Number	Percent	Number	Percent
Total for the year	1,184		21,307	
Entirely free	268	22.6	5,884	27.6
Part free*	210	17.7	3,917	18.4
Total free treatment	478	40.4	9,801	46.0

* Days paid for are calculated at Tcs. 1.50 per day, as being the average cost to the hospital, including food, medicines, dressings, etc. For example, a patient who stays 30 days and can pay only Tcs. 15 is estimated to have paid for 10 days treatment and to have received 20 days free treatment.

LABORATORY REPORT

Urine examination

Routine	2,211	
Renal function (phenolsulphonephthalein)	80	
Quantitative determination of albumen	10	
Total		2,301

Stool examination

1,779

Blood examination

White cell counts	220	
Red cell counts	25	
Differential leucocyte counts (examination for malaria included)	22	
For malaria alone	95	
Hemoglobin estimations	104	
Veterinary for surra and anthrax	20	
Kahn test	26	
Widal test	4	
Total		515

Smears of pus and secretions

Abscesses	50	
Urethral smears	26	
Vaginal smears	63	
Miscellaneous	20	
Total		159

Skin scraping

For leprosy	11	
Trichophytosis	12	
Total		23

Sputum

220

Ascitic fluid

40

Spinal fluid

6

Thoracic fluid

7

Total 5,050

Autopsies

9 or 9.9 per cent of the 91 deaths.

A. MEDICAL SERVICE

	Cured	Im- proved	Not Imp.	Not Treated	Died
Specific Infectious Diseases					
(a) Bacterial					
Bacillary dysentery	1				
Dengue	1				
Erysipelas	1				
Gonorrheal					
Arthritis	1				
Epididymitis	2				
Ophthalmia		1			
Pelvic inflammatory	8	5			
Urethritis	2				
Vaginitis	1				
Tetanus	1		1		2
Tuberculosis					
Cervical adenitis		4			
Kidney		2	1		
Peritonitis		1			1
Pulmonary		14	7	1	2
Spine		3			
Typhoid and paratyphoid 5		(a) 1			3 (b)
(a) 2 with hemorrhage (b) 2 with hemorrhage, 1 with perforation					
(b) Protozoan Infections					
Amebic hepatitis	6	3			1
Dysentery					
Amebic	28			1	2
Flagellate		1			
Malaria					
Benign tertian	11				
Blackwater fever	4				1
Cerebral	7				6
Chronic	8				
General, acute	85	2			2
Malignant	1				5
With splenomegaly	2	10	1		1 (c)
(d) with intraabdominal hemorrhage, postmortem					
Syphilis					
Congenital		1			1
Interstitial keratitis		3			
Secondary	1	1			
Tertiary, general	2	8			
Nervous		5			
Yaws, with leg ulcers	1				
(c) Metazoan Infection					
Ascariasis, uncinariasis, etc.	8				

	Cured	Im- proved	Not Imp.	Not Treated	Died
(d) Other Infectious Diseases					
Measles	1				
Puerperal sepsis					2
Pyorrhea		1			
Septicemia					1
Tinea imbricata	1				
Trachoma	2				
Diseases of the Digestive System					
Appendicitis, acute	5	2			
Catarrhal jaundice	1				
Cirrhosis of liver					1
Atrophic		1			
Hypertrophic		2	1		
Colitis, simple	5	2			
Constipation, acute	2				
Dysentery, chronic	3	1			
Enterocolitis of infants	1				1
Gastric and peptic ulcer	5	4	1		
Gastritis	3	2			
Hepatitis, not amebic	3	1			
Indigestion, acute	3				1
Pylorospasm	2	1			
Sprue	1				
Diseases of the Respiratory System					
Asthma	1	1			
Bronchitis, acute	1	2			
Bronchopneumonia					
Two years of age and under	1				
Over two years of age	9				1
Gangrene of lung					1
Influenza	1				
Laryngitis, chronic		1			
Lobar pneumonia	8				2
Pleurisy with effusion	1				
Fibrinous	2	1			
Tonsillitis, acute follicular	2	1			
Diseases of the Blood and Circulatory System					
Aortitis		1			
Chlorosis		1			
Endocarditis		2	1		
Heart, functional	1		1		
Valvular		12			
Myocarditis with					
decompensation	3	11			3
Paroxysmal tachycardia	1				
Purpura hemorrhagica	1				

	Cured	Im- proved	Not Imp.	Not Treated	Died
Deficiency Diseases					
Beriberi		22			1
Infantile scurvy					1
Xerophthalmia	1	1			
Diseases of the Endocrine Glands					
Hyperthyroidism		1			
Tetany		1			
Diseases of the Nervous System					
Cerebral hemorrhage					1
Hysteria		1			
Jacksonian epilepsy		1			
Spasmodic tic of neck		1			
Nervous, undiagnosed	1	1			
Miscellaneous					
Arthritis	2	4			
Ascites, cause unknown					1
Eye					
Cataract			1		
Conjunctivitis, acute		1			
Corneal ulcer, traumatic	1				
Glaucoma			1		
Ophthalmitis		1			
Rheumatic iritis		1			
Scoloboma		1			
Infants					
Carbohydrate indigestion	1				
Marasmus	3	1	2		4
New born	29				
Nursing	11		1		
Premature	2				2
Subacute retention of urine	1				
Myositis	1				
Nephritis					
Acute	7	2			2
Chronic		4			1
Uremia	1				2
Pyelonephritis, pyelitis	3				
Poisoning					
Acute alcoholism	1				
Food	2	1			
Mushroom	1				
Senility					1
Sinovitis of hand		1			
Skin					
Dermatis exfoliativa		1			
Eczema	3	2			
Toxic dermatitis		1			
Vaginitis, general		1			
Undiagnosed	2	4			

B. SURGICAL SERVICE

		Anaesthetic		
		General	Local	None
Eye				
Excision, cataract, with iridectomy			3	
Granuloma of conjunctiva, caused by presence of foreign body			1	
Sarcoma of eye ball	1			
Sebaceous cyst of eyelid			1	
Subconjunctival, varices			1	
Incision and drainage, abscess of eyelid			1	
Chalazion			1	
Incision and transplanting, pterygium			1	
Incision and curetage, cyst of eyelid			1	
Iridectomy, glaucoma			1	
Ear, Nose and Throat				
Curetage, hypertrophic adenoid tissue	1			
Extraction foreign body				
Ear	1			
Nose	1			
Esophagus	2			
Incision and drainage				
Abscess of external ear				1
Nose		1		
Paratonsillar abscess				1
Plastic repair, old laceration of ear tip		3		
Puncture ear tip				1
Snaring basal cell carcinoma of tonsil	1			
Nasal polyp			1	
Tonsillectomy, hypertrophic tonsillitis	8			
Tonsillo-adenoidectomy	16			
Turbineotomy			1	
Head and Neck				
Excision, angioma of forehead	1			
Cancer of neck	1			
Dermoid cyst of parotid	1			
Sarcoma of jaw	1			
Sebaceous cyst of cheek			1	
Sublingual cyst	1			
Tumor of neck	1			
Excision and plastic, meningocele of forehead	1			
Incision and curetage, removal of sequestrum				
Osteomyelitis of jaw	1			
Malar bones	2			
Incision and drainage				
Abscesses	2	4		2
Acne of face				3
Carbuncle of occiput	2			
Cheek			1	

	Anaesthesia		
	General	Local	None
Suppurative cervical adenitis	1	1	
Plastic, cleft palate	1		
Old scar on face, clawed by bear	1		
Suturing lacerations	4		5
Chest			
Aspiration, empyema		8	
Pleurisy with effusion		2	
Artificial pneumothorax, pulmonary tuberculosis		2	
Incision and curetage, osteomyelitis of rib	1		
Incision and drainage, abscess of breast	1	5	
Chest wall		3	
Sinus tract of thorax, old empyema	1		
Resection of rib, thoracocentesis, empyema		1	
Osteomyelitis of rib		1	
Abdomen			
Appendectomy, appendicitis, chronic	12		
Acute	9		
Aspiration, ascites	2	47	1
Amebic abscess of liver		9	
Application of dressing 1st degree burn, whole abdomen	1		
Cholecystectomy, cholecystitis	1		
Exploratory laparotomy, appendicitis with adhesions, irremovable	1		
Cancer of bowel	1		
Inflammatory adhesions of bowel	1		
Splenomegaly with adhesions, irremovable	1		
Gastro-enterostomy, pyloric stenosis	2		
Enterostomy, obstruction of bowel	1		
Resection of gangrenous bowel, strangulated hernia	1		
Hernioplasty ; inguinal hernia	10	2	
Inguinal hernia, strangulated	1		
Umbilical hernia	1		
Incision and drainage			
Abscess of appendectomy scar	1		
In abdominal cavity, laparotomy	1		
General peritonitis, perforation in typhoid fever		1	
Abscess of cut-de-sac, laparotomy	2	1	
Appendical abscess	4	1	
General peritonitis, ruptured appendix	1	1	
Infected stab wound of stomach	1		
Back and Buttock			
Excision, carbuncle of back	1		
Incision and drainage, abscess of buttock			2

	Anaesthetic		
	General	Local	None
Carbuncle of back	1		
Spinal puncture		4	8
Secondary closure, granulating wound of back		1	
Skin grafting, pinch, granulating wound of back		1	
Rectum and Anus			
Dilatation, rectal stricture			4
Hemorrhoidectomy, external hemorrhoid		2 a	
Incision, rectal stricture		3 a	
Incision and curetage, fistula in ano	1		
Injection, internal hemorrhoid			1
Plastic operation, malformed anus	2		
Proctoscopy			4
Upper Extremity			
Amputation of arm, gangrene	1		
Incision and drainage, abscesses	3	7	
Gangrene of arm		1	
Incision and curetage, osteomyelitis of arm	1		
Finger		2	
Removal of bullets, gunshot wound of			
axilla, hemorrhage	1		
Reduction and splinting, fracture of forearm	4		1
Clavicle	1		
a— caudal anaesthesia			
Neurotomy, ulnar nerve, neuritis of leprosy		1	
Suturing, laceration of arm	1		
Forearm, with fracture			1
Wrist			2
Suturing and packing, secondary hemorrhage			
from wound of shoulder	1		
Lower Extremity			
Amputation, foot, epithelioma	1		
Dry gangrene	2		
Toe			1
Aspiration, abscess of knee		2	
Ankle		1	
Cautery, cancer of leg			
Closure, secondary, granulating wound of groin			1
Curetage, osteomyelitis of foot	1		
Excision, cancer of femoral gland, ligation of			
femoral artery	1		
Old scar of sole	1		
Incision and drainage, abscesses	9	9	
Suppurative inguinal adenitis	2	4	
Femoral adenitis		1	
Stretching, contracture of knee joint	1		
Removal of foreign body in foot	4		
a— caudal anaesthesia			

		Anaesthetic		
		General	Local	None
Suturing, laceration of leg	2			
Foot	2			3
Skin grafting, granulating wound of hip, pinch			1	
Gynecological				
Dilatation and curetage, endometritis	1			
Exploratory laparotomy, ovarian cyst, irremovable	1			
Uterine tumor, irremovable	1			
Pregnancy with hydramnios	1			
Aspiration, ovarian cyst			1	
Excision, venereal wart of perineum, cautery			1	
Incision and drainage, abscess of labium			1 a	
Suppurative bartholinitis	1		1	
Induction of abortion, insertion of catheter, Hydramnios				1
Laparotomy ; ovarian cyst, excision	2			
With appendectomy	3			
Hysterectomy, fibroid uterus	2			
Tubal pregnancy, excision, with appendectomy	1			
Incision and drainage, ruptured tubal pregnancy with infection	2			
Abscess of fallopian tube	1			
Suspension, prolapse of uterus	1			
Perinorrhaphy, perineal laceration	1		2 a	
Packing of cervix, abortive hemorrhage				1
Pregnancy at term, inducing labor				2
Removal of placenta, incomplete abortion				2
Repair, plastic, vesico-vaginal fistula			4 a	
Salpingectomy, encysted salpyngitis with appendectomy	1			
Genito-urinary				
Amputation of penis, cancer	3			
With resection of femoral glands	1			
Curetage, sinus tract of cystotomy wound	1			
Circumcision, phimosis	8			2
Laceration of foreskin			1	
Cystoscopy			16	
Dilatation, gonorrheal stricture	5		7	18
Vesical calculus			1	2
Dorsal slit, parophimosis with infection	5			
Examination under anesthesia, cystitis	4			
Extraction, urethral calculus	3			
Incision and drainage, perineal abscess			1	
Suppurative epididymitis			2	
Meatotomy and extraction, urethral calculus			2	
Lithopaxy, vesical calculus	3		2	
Packing and suture, secondary hemorrhage from penis, following amputation	1			
Suprapubic cystotomy ; vesical calculus	43		10 &	1 a
Prostatectomy, hypertrophic			2 a	
a— caudal anaesthesia				

SURGICAL CASES NOT OPERATED ON

	Cured	Im- proved	Not Imp.	Not Treated	Died
Anterior poliomyelitis, old, with contractures		1			
Bites-centipede	1				
Snake	1				
Abscesses					
Amebic, of liver					1
Buttock				1	
Infected callus of foot	1				
Postauricular		1			
Calculus, passed					
Renal	2				
Vesical	1				
Cellulitis of leg and foot	2	1			
Cystitis, simple	2	1			
With retention	3				
Dental caries	1				
Endometritis	1				
Epididymitis, acute	1				
Hernia					
Incarcerated, reduced		1			
Into lesser peritoneal sac			1		
Inguinal adenitis	1				
Intestinal obstruction	1				1
Osteomyelitis of foot	1	1			
Otitis media, acute and chronic	2	1			
With meningitis					1
Peritonitis, general, following					
Penetrating wound of rectum					1
Stab wound of abdomen					1
Prostatitis, acute	1				
Retention, acute					
Childhood	1				
Pregnancy	2				
Spinal trauma	2				
Spina bifida with cystocele			1		
Trauma					
Cerebral concussion	1				
Extensive 2° burns					1
Fractures.toe.compound	1				
Patella	1				
Skull					1
Lacerations and contusions	6				
Rape	1				
Trauma to cervical cord	1				
Tumors					
General					

	Cured	Im- proved	Not Imp.	Not Treated	Died
Angioma of neck			1		
Uterine				1	
Malignant					
Bladder			1		
Brain				1	
Cervix			1		1
Colon			2		
Esophagus (epidermoid carcinoma)					1
Hypernephroma				1	
Kidney			1		
Liver					1
Throat			1	1	
Uterus			1		1
Ulcers, hemorrhoidal		1			
Leg and foot	3				
Phagadema, cheek					1
Labium		1			

(This list is in addition to some surgical cases reported under medical service)

OBSTETRICAL SERVICE

	Anaesthesia	
	General	None
Within The Hospital		
Induced abortion		1
Miscarriage		7
Normal delivery	14	1
Operative		
Caesarean section, contracted inlet	2	
Craniotomy and delivery	1	
Forceps	12	1
Podalic version, and extraction, placenta previa	2	
Pubiotomy and forceps	1	
Premature delivery	1	
Removal retained decidua	3	
Not delivered	
False labor		1
Postpartum care		1
Puerperal sepsis (delivered outside), died 2, cured 1		
Threatened abortion		4
Total	54	
Obstetrical Calls Outside The Hospital		
Born on arrival		3
Forceps delivery	2	

		Anaesthesia	
		General	None
Manual removal of placenta		2	(1 patient died 5 minutes later)
Normal delivery		3	
Brought to hospital for postpartum care			2
	Total	10	
Total obstetrical patients	64		

D. DENTAL SERVICE

		Anaesthesia		
		General	Local	None
Extraction		10	73	8
Incision and drainage			1	

Total Operative Procedures With

General anaesthesia	305
Caudal	15
Local	263
Without anaesthetic	85
Total	668

Operative Deaths (21)

- Ether pneumonia following laparotomy
- Hemorrhage, secondary, gunshot wound of axilla
- Obstetrical
 - Cardiac failure
 - Separation of placenta with intra-uterine hemorrhage
 - Tetanus following induced abortion for cardiac condition
- Shock
 - Postoperative-removal of cancer of femoral glands
 - Osteosarcoma of jaw
 - Spleen
 - Primary and postoperative-laceration of scalp, fracture of maxilla
- Toxemia
 - Beriberi with gangrene, after amputation of foot
 - Empyema
 - Peritonitis-ruptured appendix (3)
 - Stab wound of stomach
 - With suppurative nephritis following suprapubic cystotomy
 - Pyelonephrosis, bilateral, following suprapubic cystotomy
 - Strangulated hernia with gangrene
- Uremia, following
 - External urethrotomy
 - Lithopaxy
 - Suprapubic cystotomy



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