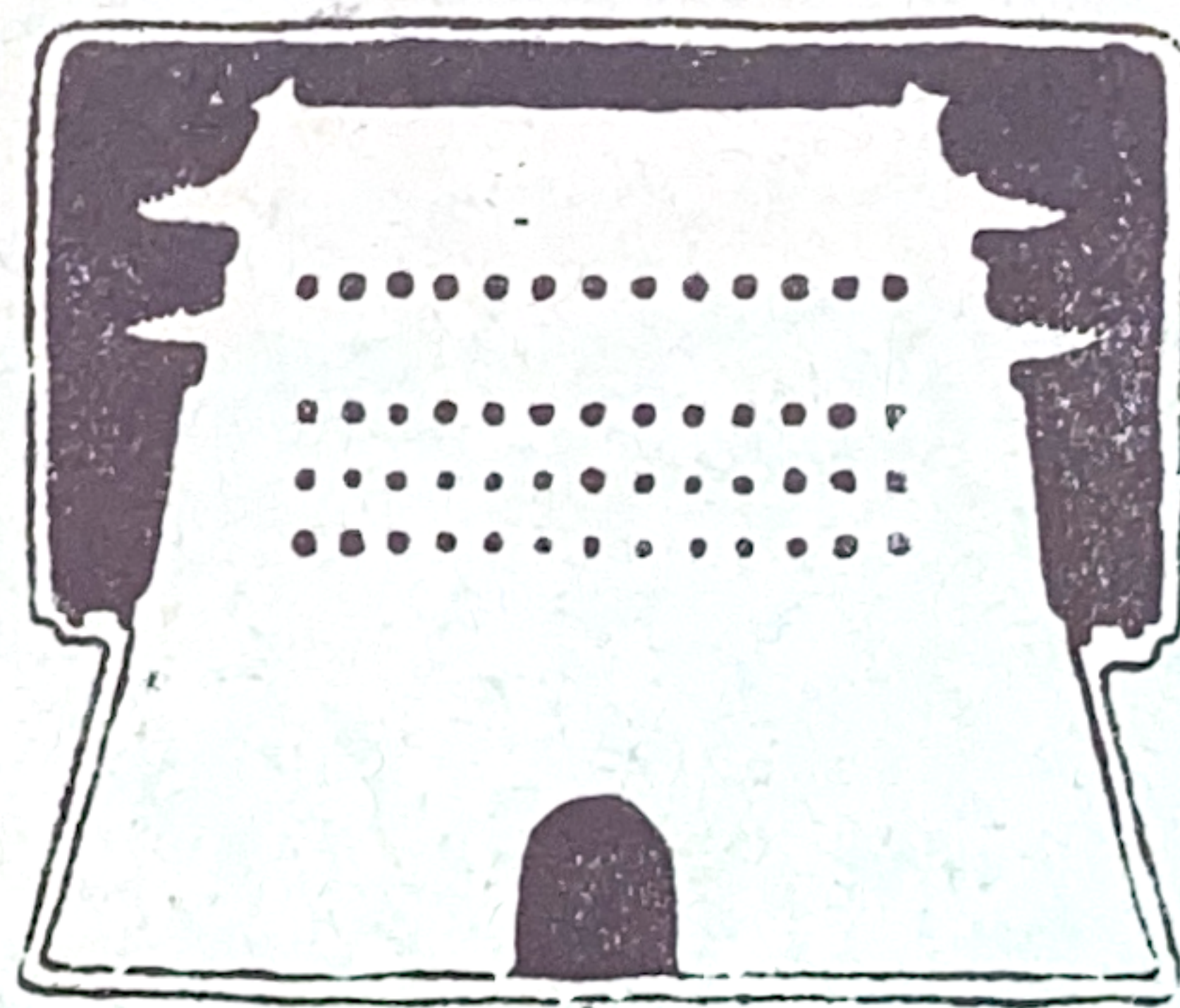
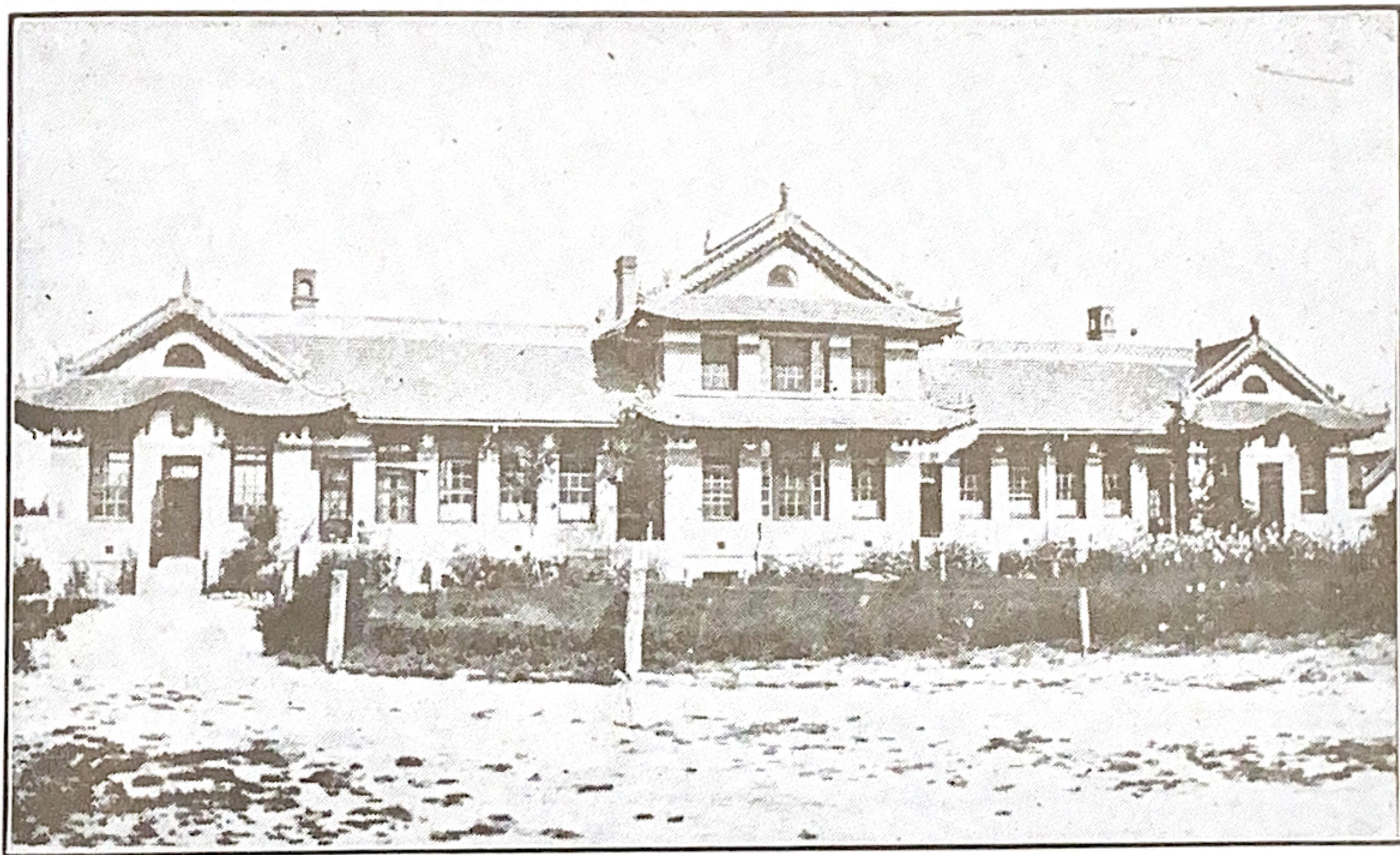




Lintsing Memorial Hospital

LINTSING, SHANTUNG

ANNUAL REPORT FOR 1930.



**Elizabeth Memorial Building, Administration, Out-Patient
Department, Pharmacy, Operating Room.**



Vaccinating Students.

STAFF

Physicians

Hugh L. Robinson, M.D. Harvard, *Acting Superintendent, from December—.*

Hsü I Ta, Grad. in Med, Cheeloo, *Superintendent until December.*
Alma L. Cooke, M. D. California, *In charge of Work for Women and Children.*

Nurses

Valley Nelson, R. N., *Superintendent of Nurses, from October—.*
Hsü Hsiu Ch'ing, N. A. C., *Superintendent of Nurses, resigned in September.*

Sun Ts'ai Chih, N. A. C., *In charge of the Operating Room.*
Wang-Niu Hsiu Lan, N. A. C., *Women's Ward, resigned in September.*

He Hsiao Hsüan, N. A. C., *Men's Ward.*
He-Chou Jung Lien, *Women's Ward, from October—.*
Olga O. Robinson, R. N., *Operating Nurse, (part time.)*

Attendants

Men

Women

Chiao Ch'ing Yuan
 Shih T'ien Pao
 Liu T'ien Yu,
 Yü Shu K'uan, resigned February.
 Ch'i Shu Fan

Liu-Wang Shu Yü
 Ch'en Yin P'ing
 Wang Hsiu Lan
 Chao Su Chen
 Wang Chih Min

Pharmacist, Tuan Huai Teh, resigned in September.

Laboratory Technician, Ch'en Ching T'ing

Accountant, Kung Han Ch'en

Evangelists, Liu Fu Lu

Li Mei

Wang Jui Yün, resigned in February.

Matron, Sung Liu Shih

1 Mechanic
 16 Orderlies
 2 Laundrymen
 2 Laborers
 1 Gateman.

The Lintsing Memorial Hospital has made progress in the measure of its service in the year 1930. In some regards there has been an improvement of the quality of the work done, and in others an increase in the quantity. The number of patients has increased somewhat, and the number of operations done has increased even more. Although there was an important war waging in China for many months the medical work at Lintsing was affected hardly at all. However, all of the physicians took a turn at the nearby Tehchow Hospital helping to handle the wounded there during the summer.

In February the local authorities organized a vaccination campaign and commissioned the hospital to administer it. A training class was held and twenty-one young men were

graduated as field workers. The entire country was covered and 8240 vaccinations were done in six weeks time. This is the most comprehensive county-wide work of this kind which has ever been done. A detailed account was published in the China Medical Journal, October 1930.

Gifts from a friend in Hawaii and a legacy accruing to the Women's Board of the Pacific enabled us to start work on our X-ray building in the spring. It has been finished and is now ready for use. Unfortunately our X-ray apparatus, which we had high hopes of using early in the year, was damaged in transit. Negotiations with the insurance company delayed matters many months and it is only at the end of the year that new parts are finally arriving in China. For the third successive year we hold out hopes in this annual report that we shall soon be using our equipment, and this time we feel quite sure we shall not be disappointed.

Another residence for a married male graduate nurse was added to our property this year. Extensive changes were made

in the arrangement of the heating system, and many minor improvements were completed. A contract has been let for three more private rooms for patients.

We are especially pleased to report that our new sterilizer has come, has been installed and has already given several months of use. It is a great improvement.

The number of obstetrical cases, thirty-five, though no increase, was very satisfactory in that there was a larger proportion than ever before of those outside the church group. A party was given at the end of the year as in 1929, to which each mother and her baby was invited.

Dr. Hsü continued his work as school physician and instructor in hygiene in several of the government schools, and in other ways our relations with the general populace have been cordial. The police are obliging opium addicts to enter a special hospital for the purpose of breaking their habit, and the superintendent of the Lintsing Memorial Hospital is the chief medical officer of that branch of the police work.

Dr. Cooke, who has given ten years to the work in Lintsing, was taken ill in August with what proved to be an extraordinarily severe case of paratyphoid fever. After two relapses she slowly passed from danger to convalescence, and will be able to resume full work before spring. Mr. Hsū Ching Chai, formerly the chief nurse, resigned in September to study further, with the intention of becoming a dentist. Miss Nelson returned from her furlough in America and was appointed to succeed him as superintendent of nurses. Mr. He joined our nursing staff at the beginning of the year, and Mrs. He-Chou in the fall. Mr. Yū in February, and Mrs. Wang-Niu in September, resigned to take positions elsewhere. Mr. Tuan, for over five years our pharmacist, resigned in the fall. Dr. Hsū's connection with the hospital terminated in December.

Mr. He spent several months in the spring and summer in Hankow and Hangchow studying X-ray technique. Dr. Hsū took a course in ophthalmology at the Peiping Union Medical College in March.

The year has been characterized by comparative prosperity locally, and as a consequence the number of patients who have chosen to take private rooms greatly increased, so that our income from patients was greater than ever before. The number of indigent patients was greater than in previous years. A new departure has been the practice of having male patients do unskilled work about the premises after recovery to pay for their care, or to have male relatives of women patients do similar labor.

The evangelistic work has gone on as before, with friendly contacts with in-patients and out-patients while they are with us, and Mr. Li's trips to the country to follow up our former patients in their houses to investigate the permanency of their medical results and to continue their contacts with the message of Christ. He has made 538 visits this year in 416 villages, over an area of thirteen countries. A gift from an anonymous gentleman in England, through the British and Foreign Bible Society, has come to us, fifty well-bound New Testaments. There were a number of former patients among those uniting

with the Liatsing church in December, besides others who become connected with their own local churches elsewhere.

Gifts of supplies were received from the following friends:—
The First Congregational Churches of Eureka, Auburn, Palo Alto, Stockton, Lodi, Oakland, California; The Dalles, Oregon; Everett, Washington; Waterville, Maine; the Plymouth Church of Shaker Heights, Cleveland, Ohio; The Pilgrim Church of Detroit, Michigan; the Ocean Avenue Church of Brooklyn, New York; and from Mrs. F.L. Sparks, Berkeley, California, Gussie E. Miller of New Baltimore, Michigan, Janet M. Morrison, Imlay City, Michigan, Miss Marguerite Faster and Mrs. C. E. Vogt of Richmond, Michigan Mrs. Ella Zimmerman, Los Gatos, California, and Mrs. W. E. Bailey, San Jose, California. Gifts of money were received from the First Congregational Churches of Stockton, Sunnyvale, San Francisco, and Oakland, California; the Plymouth Church of Seattle, Washington; the Phillips Church of Salt Lake City; the Central Union Church of Honolulu, Bible Class; the Girls' Society, Mid-Pacific Institute, Honolulu; the Yolandsdale Junior Red Cross,

California; the Sunday school, San Anselmo, California; Federated Missionary Society, Reno, Nevada; and from Mrs. W. E. Bailey, San Jose, Miss Mabel Page, Los Angeles, Miss Mary Hale, Crockett, Miss Ethel Lucas, Berkeley, Mr. and Mrs. R. L. Cooke, Crockett, Mrs. H. H. Kelsey, Berkeley, and an anonymous giver, Stockton, California. Except where gifts were designated for other objects, the money was used to pay the fees of indigent patients.

An effort has been made this year to present our statistics in the form suggested by the China Medical Association. Lists of diagnosis and operations are deferred for a later publication in which it is intended to summarize several years' work. Our items for expense for inpatients and for outpatients have not been separated in our accounting system hitherto, so figures for cost per patient per day are not available. All financial figures are in the Chinese dollar, whose value has declined during the year from forty cents to twenty-five cents, American money.

Statistics

Service Rendered

Census, last day, 1929	24
Patients, admitted, 1930	757
Total Patients treated	781
Patients discharged, 1930	758
Deaths, in first 48 hours 12; after, 4	16
Census, last day, 1930	23
Total days treatment given	11196
Normal bed capacity	49
Percentage of bed capacity, average,	62.6
Maximum census, May 20,	51
Minimum census, January 30,	11
Average patient stay in hospital, days	14.8
Mortality rate, excluding deaths within 48 hours of admission	0.5
Autopsies	0
Operations, major	167
Operations, minor	210
Per diem per capita food cost, by contract, ward patients \$0.23, private	\$0.50

Out-Patient Department

Men	{ First visits	2677
	{ Return visits	4192
Women and Children	{ First visits	1584
	{ Return visits	2748
Students		653
Trachoma treatments at schools		550
Physical Examinations and Consultations at schools		775
Patients seen on trips		27
Visits to homes		45
Total Outpatients		13251

Special Treatments

Vaccinations, county-wide campaign, see text,	8240
Neosarsphenamine treatments	403
Obstetrical cases	35

Financial Classification of Service

	Admissions	Patient Days
Pay Patients, (private)	72	967
Part Pay Patients	553	7799
Free Patients	132	2086
	---	---
	757	10852

Analysis of Service

Services	Patients	Days' care	Percent Care
Medical	204	2526	22.56
Surgical	531	8146	72.76
Obstetrical	37	483	.31
Undiagnosed and	9	41	0.37
No Disease	---	---	---
	781	11196	100.00

Laboratory Report

Parasitological Examinations

Feces

Number of examinations made, 1057.

Parasites	Positive	Percent Positive Cases.
Endamoeba histolytica	80	7.7
Endamoeba coli	69	6.5
Trichomonas hominis	23	2.2
Ascaris lumbricoides	348	33.0
Ancylostoma duodenale	2	0.2

Blood

Parasites	No. of examinations	Neg.	Pos.	Percent. Pos.
Plasmodium vivax	144	67	77	53.0
Spironema recurrentis	3	1	2	66.7

Splenic Pulp

Parasites	No of examinations	Neg.	Pos.	Percent Pos.
Leishman-Donovan bodies	3	1	2	66.7

Bacteriological Examinations

	Total	Neg.	Pos.	Percent Positive
Blood Culture	10	7	3	30.0
Stool Culture (for typhoid)	7	6	1	14.3
Urine Culture	10	5	5	50.0
Pus Culture	9	3	6	66.7
Widal Test	20	10	10	50.0
Sputum for Tuberculosis	79	56	23	29.1
Urine for Tuberculosis	4	3	1	25.0
Nasal Smear for Leprosy	4	3	1	25.0
Throat Smear for Diphtheria	2	1	1	50.0
Urethral Smear for Gonorrhoea	71	11	60	84.5
Conjunctival Smear for Gonorrhoea	8	4	4	50.0
Smear of Pus	19	2	17	84.2
Total	243			

Serological Examinations

	Number	Neg.	Pos.	Percent Positive
Blood grouping and matching	10	6	4	40.0
Sachs-Georgi Test for Syphilis	539	334	199	36.9
Globulin Precipitation test for Kala-Azar	20	7	13	65.0

Blood Examinations

Hemoglobin	218
White Blood Count	294
Red Blood Count	148
Differential	142
Clotting time	5
Bleeding time	5
Blood sugar	2
Total	814

Urine Examinations

Total Examinations 1389

	Neg.	Pos.	Percent Pos.
Albumen	1264	115	8.4
Sugar	1353	26	1.9
Casts		56	4.0
Sugar, quantitative		10	

Special Examinations

Gastric Contents	29
Peritoneal fluid	12
Spinal fluid	6

Summary

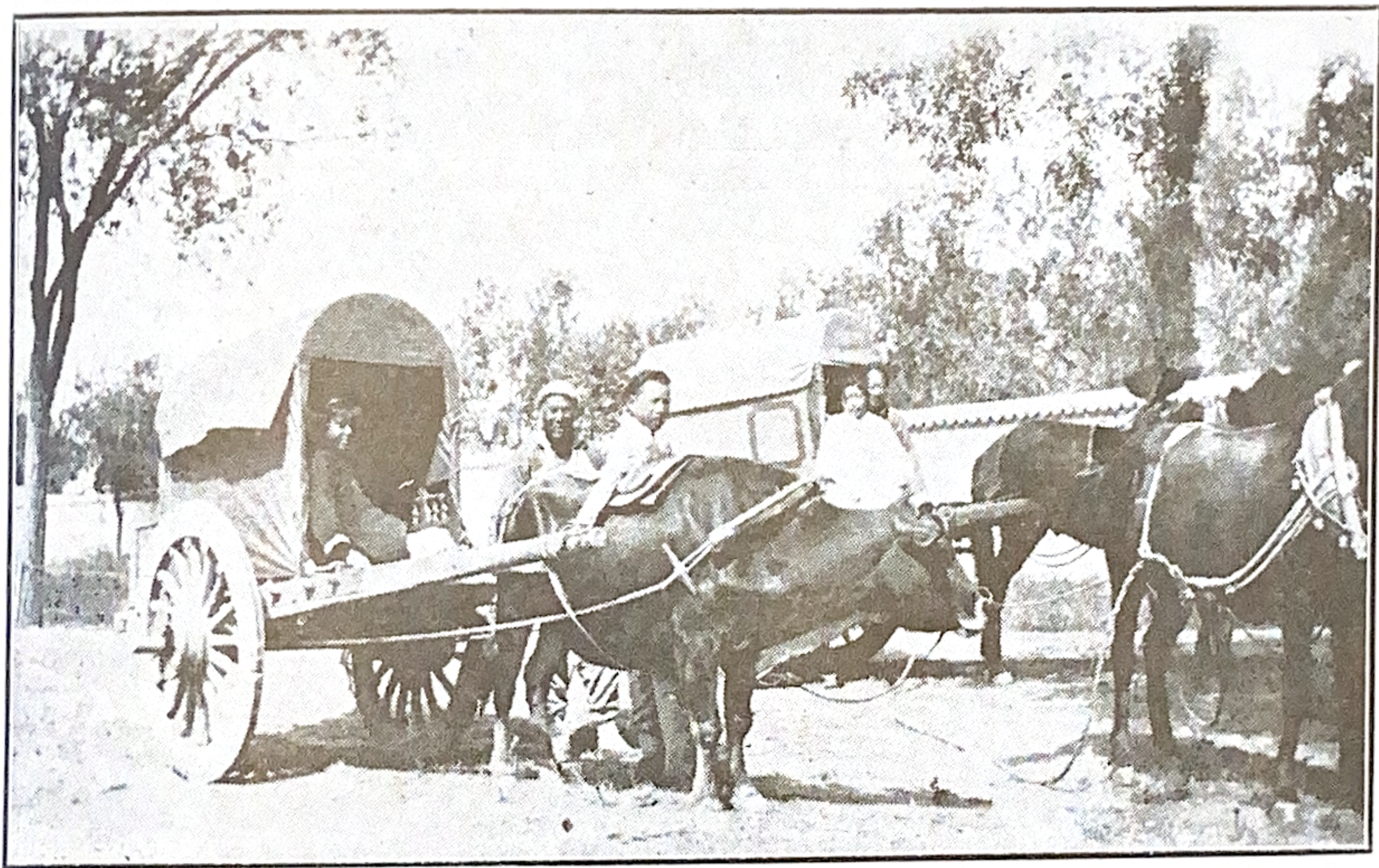
Parasitological,	Feces	1057	
	Blood	147	
	Splenic pulp	3	1207
Bacteriological			243
Serological			569
Blood			814
Urine			1389
Special			47
Total			4269

FINANCIAL REPORT**Receipts**

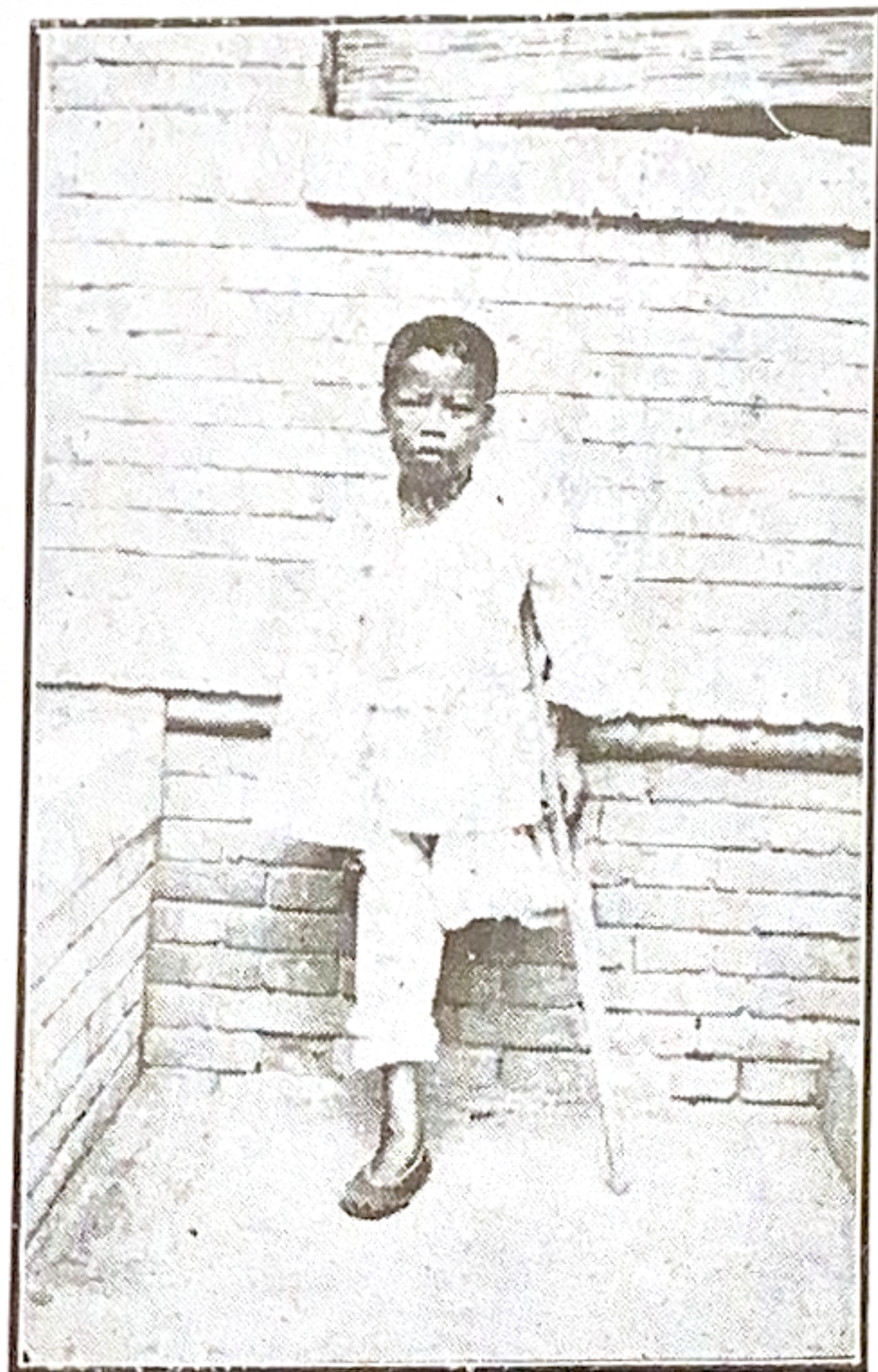
Cash on Hand	\$ 34.77
Appropriation, American Board	3535.97
Foreign Contributions	1683.61
Portion, local likin	221.86
Chinese Contributions	578.61
Fees from Patients	9150.55
Miscellaneous	249.82
	\$ 15457.19

Expenditures

Maintenance	\$ 1931.98
Salaries and Wages	6164.13
Patients' Food	2903.57
Supplies	3661.81
Other Expenses	597.60
Cash on Hand	198.10
	\$ 15457.19



Arriving at the Hospital



A Star Patient