

Gillette State Hospital for Crippled Children

St. Paul

The Minnesota State Hospital for Crippled and Deformed Children was established by legislative action in 1897. For ten years the Board of Regents at the University of Minnesota had the direction and control of the hospital, which was located at the City and County Hospital in St. Paul. In 1907 the State Legislature transferred the institution to the jurisdiction of the State Board of Control. The present site was presented by certain citizens of St. Paul and donations were made by other citizens and organizations to apply on construction of buildings. In 1926 the name of the hospital was changed to Gillette State Hospital for Crippled Children by legislative action to honor the services of Dr. Arthur J. Gillette, who had given so much of his time and skill to the establishment and building of the institution.

The objective of the hospital in the past and at the present is to provide care and treatment for the indigent crippled children of the State of Minnesota. It is also to provide an opportunity for the patient to carry on his regular schoolwork, pre-vocational training, to furnish religious instruction in the church selection of his parents and the moral training of the patient usually given to children in their own homes.

The medical and surgical staff is made up of outstanding specialists from St. Paul and Minneapolis. These men are on call at all times. The resident medical and surgical staff are Fellows from the Orthopedic Department of the University of Minnesota Medical Graduate School and the Mayo Foundation.

The nursing care is provided by graduate nurses and affiliate cadet student nurses. The physiotherapy department provides physical therapy treatment under the direction of our doctors. They are trained in the Kenny technique in the treatment of infantile paralysis. The brace shop makes the braces, appliances, and artificial limbs ordered for patients of this hospital.

The hospital building is in the form of a double H, with the swimming pool extending to the east and the Michael Dowling Memorial Hall to the west. The service section extends to the north from the center of the building and is parallel to the wards. In this low, spreading building are housed the offices, service wing, nine large wards, ten rooms for post-operative patients, new admissions, isolated cases, and very sick patients. A limited number of rooms for employees and personnel are located on the second floor. The operating rooms, x-ray department, the laboratory, the dentist's office, student nurses' classroom, morgue, record room, filing room, student nurses' library, physiotherapy department, dressing room, three wards, and six 2 to 5 bed rooms are located to the right of the main entrance of the building. Six wards, three 2 to 3 bed rooms, physiotherapy department, dressing room Michael Dowling Memorial Hall (which houses our educational program and the children's library) are located to the left of the main entrance. The brace shop, housekeeping department, out-patient department, drug room, and storage rooms are in this part of the building. The dietitian's department, kitchen, bakery, diningrooms, storerooms, and steward's office are in the service department, north from the main office.

Separated from the hospital building except by tunnel are the laundry and boiler room. There are a small greenhouse and a small barn.

The property, 23 acres of park land, is located on the triangular southwest corner of Phalen Park.

Carl C. Chatterton, M. D.	Surgeon-in-Chief
Wallace H. Cole, M. D.	Associate Surgeon-in-Chief
Elizabeth McGregor	Superintendent
Helen H. Kuitu, R. N.	Superintendent of Nurses
Grace Jones, D. D. S.	Dentist
Phyllis Moran	Principal, School Department
V. E. Heinecke	Steward

ATTENDING STAFF

Orthopedic—John H. Moe, M. D.; W. H. von der Weyer, M. D.; George A. Williamson, M. D.; Stewart W. Shimonek, M. D.; Meyer Z. Goldner, M. D.; Harry B. Hall, M. D.; D. L. McCain, M. D.

Children's Diseases—Woodard Colby, M. D.; Ray Critchfield, M. D.; *George K. Hagaman, M. D.; W. Ray Shannon, M. D.; Alexander Steward, M. D.; F. G. Hedenstrom, M. D.; Burton Rosenholtz, M. D.

General Surgery—*M. W. Alberts, M. D.; *Harry P. Ritchie, M. D.; N. Logan Leven, M. D.; Philip F. Donohue, M. D.; Wm. C. Carroll, M. D.

General Medicine—G. Edlund, M. D.; Joseph M. Ryan, M. D.; Harold E. Richardson, M. D.; A. E. Venables, M. D.

Eye and Ear Diseases—E. R. Bray, M. D.

Nose and Throat Diseases—L. G. Dack, M. D.; William A. Kennedy, M. D.; *Edmund L. Warren, M. D.; Gordon Strate, M. D.

Skin Diseases—*John Milton Armstrong, M. D.; R. F. Kendall, M. D.; J. F. Madden, M. D.; Francis Lynch, M. D.

Nervous Diseases—George N. Ruhberg, M. D.; E. M. Hampton, M. D.; Gordon R. Kamman, M. D.; Walter P. Gardner, M. D.

Pathology—Kano Ikeda, M. D.

Roentgenologist—Edward Schons, M. D.; J. P. Medelman, M. D.

Dentist—S. Ziegler, D. D. S.

*Deceased.

Capacity of institution	
Number of patients June 30, 1946	
Area of grounds, acres	
Value of lands and buildings	\$609,480
Value of personal property	59,860

Expenditures:

	1944-45		1945-46	
	Amount	Per Capita	Amount	Per Capita
Current expense -----	\$ 78,151.40	\$514.15	\$ 84,180.27	\$558.82
Salaries -----	169,368.38	1,114.23	214,007.94	1,407.95
Stipendium for visiting staff -----	9,827.74	63.34	9,931.96	65.34
General repairs -----	3,407.94	22.42	3,559.48	23.42
Special repairs and replacements -----	1,499.20	9.86	972.03	6.39
Instruction and amusement -----	1,004.28	6.61	954.24	6.28
Scientific apparatus -----	1,784.86	11.74	1,885.00	12.40
Special appliances -----	12,459.62	81.98	14,806.56	97.41
Total operating expense -----	\$277,298.42	\$1,824.33	\$330,297.48	\$2,173.01
Permanent improvements -----	26,624.24	175.16	1,439.48	9.47
Total expenditures -----	\$303,922.66	\$1,999.49	\$331,736.96	\$2,182.48
Average number of patients -----	152		152	
Number of officers and employees:				
General hospital -----				146
Special appliances -----				5
Visiting staff -----				15
Cadet nurses -----				2
				168

ELIGIBILITY FOR ADMISSION

Children whose parents are poor, who have been residents of Minnesota for one year previous to the date of making application, and who have an orthopedic condition that can be helped by hospital treatment, are eligible for treatment after their application has been approved by the Orthopedic Staff and the Division of Public Institutions. Application is made by the family physician, and is accompanied by a parents' statement in the form of an affidavit covering the financial situation of the family. This is approved by the County Welfare Board. Except in case of emergency, applicants are put on the waiting-list and notified when there is room.

Emergency cases are cared for as soon as possible, and applicants are requested to notify the Superintendent or have their family physician do so when the case is considered an emergency.

There is no cost to the parents except the expense of bringing the child to the hospital, providing the clothing necessary while in the hospital, and paying for him when he is discharged. Braces and appliances are furnished free of charge to patients under twenty-one.

Children are admitted during minority. They receive care for all physical conditions after admission as well as for their orthopedic condition. Patients with pulmonary tuberculosis are not eligible. A limited number of breeding cases are admitted, preferably infants under six months of age. Children remain in the hospital as long as in need of hospital care. They are then discharged to the Out-Patient Department with instructions to

parents covering home care and later report to the hospital.

The hospital has fulfilled the requirements of the American College of Surgeons and has been in Class "A" since 1922 when it was first inspected by their representatives. It is also on the approval list for Fellowship in Orthopedic Surgery by the American Medical Association, and is a member of the American Hospital Association. The School of Nursing, which provides special training in orthopedic and pediatric nursing, is accredited.

REPORT OF THE CHIEF OF STAFF

To the Director, Division of Public Institutions:

The past biennium has been most unusual at the Gillette State Hospital in that during the last years of the War our population was reduced. We believe this was because of the improved financial status of many individuals who at previous times were candidates for admission to this institution.

We are very happy, indeed, that every member of our staff returned from War service. Upon their return, we found the number of patients lower at Gillette State Hospital. Beginning in August, 1946, the second largest epidemic of infantile paralysis had invaded Minnesota, and the number of patients admitted was so great that it displaced many children who would have been patients under normal circumstances. Every bed was used, porches were closed so they could be used in cold weather, and every available space was taken up by the program for infantile paralysis. Again, we can with just pride point to the amount of work done.

We feel that the Gillette State Hospital has become a very valuable adjunct in the training of orthopedic surgeons. This has been well proven and an excellent course, as far as orthopedics of children is concerned, has been outlined. We believe that this should be continued because of its benefit to the institution in securing well-trained doctors who complete their work here.

During the next year we trust it will be possible to establish a department in Pediatrics, having in charge a competent pediatrician who will be willing to devote his time to the training of younger doctors interested in this type of work. This is going to be an expense but will have the advantage that the patients under this type of training will receive better care than they do at present.

There is definite need in this state that a spastic program be set up for spastic children, selecting certain types of children who are deformed or disabled because of this disease and giving them certain training to improve their condition. A great deal is being accomplished in other centers in the United States through this type of training; and there is definite need of funds and space for this type of patient, along with the special courses

teachers, physiotherapists, and nurses necessary to carry out this program.

We feel that the small stipend which has been appropriated by past legislatures should be increased so that each physician coming to this hospital would receive enough so that his expenses in making the trips are cared for by the State.

It is very essential that we have personnel, especially in the professional departments, to take care of patients properly. This has been demonstrated only too well by the excellent care given our children during the recent poliomyelitis epidemic, when the National Foundation for Infantile Paralysis presented this hospital with properly trained physiotherapists and nursing help so that proper care could be given these patients. The results were surprising. Our well-trained Physiotherapy Department was capable of giving instruction to many of the physiotherapists who were not trained in the methods used in the treatment of infantile paralysis. We are definitely proud of the physiotherapists we have had with us for so many years.

The dental work has been carried on in a satisfactory manner by a part-time dentist.

The Social Service work as carried on under the Medical Unit of the Bureau of Services for Crippled Children, Department of Social Security, is a great benefit to this hospital, relieving us again in taking care of patients who have left the institution.

Again I must thank the Division of Public Institutions, the Visiting Staff, the Resident Staff, and all those connected with the institution for their interest, loyalty, and efforts in their special fields in maintaining Gillette State Hospital for Crippled Children.

Respectfully submitted,

CARL C. CHATTERTON, M.D.
Chief-of-Staff

REPORT OF THE SUPERINTENDENT

To the Director, Division of Public Institutions:

The following report covers the work done by the departments of Gillette State Hospital for Crippled Children during the biennial period ended June 30, 1946.

NUMBER OF PATIENTS

The number of patients cared for has decreased slightly.

The average daily population in 1945 was 152; in 1946, 152. The total number under care as house patients in 1945 was 723; in 1946, 719.

The total number of visits to the Outpatient Department in 1945 was 5,772; in 1946, 6,052. Total: 11,824. This number does not include the number seen in the field clinics.

The reason for the decrease in patients cared for has been due to:

1. Lack of nurses to care for patients in the hospital.
2. Lack of personnel to carry on the routine work of the hospital.
3. The high wages received by former clients, thus removing patients from the indigent class.
4. The effectiveness of the Public Health program in preventive medicine.
5. The Bureau of Crippled Children has cared for short time cases.

THE NURSING SERVICE

The purpose of the affiliate school of nursing at Gillette State Hospital is to provide the best possible nursing care for the patients entrusted to our care and to give instruction in the theory and practice of child care and training and in orthopedic nursing care for affiliating student nurses assigned to this hospital for this training.

During the year 1946, the student nurses' quarters were improved. Additional plumbing facilities were added and the dining rooms were rearranged. The diet kitchen was changed to improve the teaching facilities. A student nurses' library was furnished to fill the requirements, and a waiting room was provided for the accommodation of the students. The work was done under a federal grant and the required priorities. The number of student nurses markedly increased as a result.

Great credit is due the Supervisors in the Nursing Department who have remained at their post during these trying times, especially when much higher salaries were offered for shorter hours and less responsibility. Material and supplies to work with were limited and the need great.

MEDICAL SOCIAL SERVICE DEPARTMENT

This department consists of a supervisor, one medical social service

worker, and two secretaries. The department is responsible for the medical follow-up on all social service patients. The workers cooperate with all other public health agencies, and the Bureau of Crippled Children visit our outpatients on the request of the hospital and report the conditions found for our records.

The medical social service workers attend all field clinics. The following number of our patients were seen in the field clinics:

1944-1945	-----	628
1945-1946	-----	673
Total	-----	1,301

The social service worker interviews the parents of all new patients. The needed information is given to parents who wish to have their children admitted or who wish to learn about hospitalization, transportation, shoes needed, or any other aid needed. Social records are kept and become a part of the patient's chart. It is filed with the patient's record.

Speech Training is also provided by the Bureau of Crippled Children. All patients with defective speech are examined and attend speech classes if it is indicated.

It is the duty of the Medical Social Service Department to carry on the follow-up work for outpatients who are to report back to the hospital and the follow-up work in transferring patients who move to other states and are still in need of care. This is a very important part of their work.

EDUCATION

Children of school age have school while here as patients. The doctor's orders indicate the amount of time and the kind of activity they are permitted to carry on. Some patients start with as limited a program as ten minutes a day.

The school is run on a twelve months' basis and provides for both convalescent and bed patients. The school program fits in with the hospital program so that there is no conflict with the hospital routine of treatment. Ambulatory patients are called for at their wards at 9:00 o'clock in the morning and are taken to the Michael Dowling School Building for their school activities.

The state curriculum is followed. The school is approved by the Department of Education, and the work covered extends from kindergarten through high school. The school activities include movies, boy and girl scout troops, excursions, picnics, holiday celebrations, church, Sunday schools, and other special entertainments. Summer school begins about the middle of June and lasts until after Labor Day. Special tutoring, games, cooking, serving, mending, music, conduct, and handwork are included in this cur-

riculum.

Every attempt is made to bring the child to see the importance of good citizenship and training for a life of usefulness.

RELIGIOUS INSTRUCTION

Religious instruction is given all children above the infant wards. General church includes all denominations other than the Lutheran and the Catholic Churches. The clergyman and teachers for the General Sunday School are furnished by the Church Federation of St. Paul. The instruction of the Catholic children is in charge of Father Doherty from the Bureau of Catholic Charities and a group of trained instructors. The instruction of the Lutheran children is in charge of the Lutheran City Missionary and his trained assistants.

We are deeply indebted to this group of faithful workers for their untiring efforts and accomplishments.

LIBRARY

The library is in constant use, and the influence of this beautiful room with its variety of books, magazines, records, pictures, and radio programs is far reaching. The close correlation between the teachers and the library adds much to the usefulness of both.

Reading as a part of school work as well as for pleasure is undertaken with enthusiasm.

IMPROVEMENTS

Even with the difficulty of getting materials and labor we have made some improvements.

A new x-ray unit has been installed, although we are still waiting for some of the parts.

The diet kitchen has been modernized and re-equipped.

The dining rooms have been changed to meet our need. The employees' dining room has been made into a modern cafeteria.

The old staff dining room has been made into an attractive nurses' library.

A small reception room has been added for nurses' guests.

The office space of the Superintendent of Nurses and the Instructor has been modernized.

Bathrooms have been modernized; and the proper number of lavatories, tubs, and toilets has been assigned to the nurses.

Sterilizers for bedpans and utensils have been installed.

Service rooms have been improved.

Safety connections as recommended by the Fire Marshall have been installed. A vault for gasoline and benzine has been built.

The roof has been repaired.

Repairs have been made in the boiler room, kitchen, and bakery.

The storm sewer on the grounds has been cleaned and necessary repairs made.

New equipment has been added in the x-ray laboratory, operating room, and diet kitchen; and the needed equipment for the Kenny treatment has been secured.

NEW ADDITION

Ground was broken for the new addition on May 23, 1946.

GIFTS AND DONATIONS

The hospital has been the recipient of many gifts:

A movie projector with sound equipment for showing movies to the patients or others.

The cost of a licensed operator once every two weeks to show pictures.

Choice selection of standard movies every two weeks.

Special shows for special occasions.

Instruction in handicraft.

The Christmas Fund continues to grow and is ample for all entertainment throughout the year.

The American Red Cross, the Junior Red Cross, the Masonic Women, American Legion Post No. 8, the Girl Scouts, the Schubert Club, the Needlework Guild, the Catholic, Lutheran, and General Protestant Churches, Chi Omega, the Public Schools, alumni throughout the state, and many others, individuals and groups, have all added to the happiness, comfort, and welfare of the patients in this hospital.

Respectfully submitted,

ELIZABETH McGREGOR
Superintendent

Gillette State Hospital for Crippled Children

Classification	Year Ended June 30, 1946			Year Ended June 30, 1945		
	Male	Female	Total	Male	Female	Total
POPULATION						
In institution at beginning of year	84	90	174	110	77	187
First admissions	134	112	246	123	125	248
Readmissions	162	117	279	151	110	261
Transferred from out-patient department	10	10	20	15	12	27
Total under care	390	329	719	399	324	723
Died	4	3	7	2	3	5
Transferred to out-patient department	300	233	533	313	231	544
In institution at end of year	86	93	179	84	90	174
Total	390	329	719	399	324	723
Average population	73	79	152	81	71	152
Admitted as out-patients	46	36	82	51	24	75
AGE OF FIRST ADMISSION TO INSTITUTION AND TO OUT-PATIENT DEPARTMENT						
Under 1 year	22	15	37	12	12	24
1 year	10	14	24	21	19	40
2 years	16	16	32	15	14	29
3 years	4	7	11	11	11	22
4 years	12	12	24	6	6	12
5 to 7 years	26	17	43	37	20	57
8 to 10 years	21	19	40	20	13	33
11 to 13 years	24	18	42	15	21	36
14 to 16 years	31	23	54	28	22	50
17 to 20 years	14	7	21	9	11	20
Total	180	148	328	174	149	323
NATIVITY						
United States	180	148	328	174	149	323
PARENTAGE						
Native parentage	163	137	300	142	125	267
Mixed parentage	8	6	14	21	19	40
Foreign parentage	6	2	8	6	1	7
Parentage unknown	3	3	6	5	4	9
Total	180	148	328	174	149	323
CONDITION ON TRANSFER TO OUT-PATIENT DEPARTMENT						
Cured	1	3	3	—	3	3
Improved	279	221	500	286	212	498
Unimproved	11	5	16	18	8	26
Untreated	8	4	12	7	8	15
Admitted for diagnosis only	1	1	2	2	—	2
Total	300	233	533	313	231	544
DURATION OF STAY OF PATIENTS						
Less than 3 months	193	144	337	181	137	318
3 to 5 months	62	42	104	60	37	97
5 to 12 months	45	41	86	63	53	116
1 year but less than 2	3	6	9	9	6	15
2 years but less than 3	1	2	3	1	—	1
3 years and over	—	1	1	1	1	2
Total	304	236	540	315	234	549

Statement of Appropriations for Current Expense for the Year Ended June 30, 1945

DIVISION OF PUBLIC INSTITUTIONS

INSTITUTION	Bal. July 1	Appropriations	Receipts	Received by Trans.	Disbursements (Expense)	Disbursed by Transfer	Cancellable to Gen. Rev. Fund	Bal. June 30
Anoka State Hospital -----	\$ 800.00	\$ 172,750.00	\$ ---	\$ 5,459.98	\$ 172,932.60	\$ ---	\$ 5,277.29	\$ 800.00
Hastings State Hospital -----	1,000.00	136,900.00	---	12,438.78	142,192.69	---	7,146.09	1,000.00
Willmar State Hospital -----	1,000.00	134,100.00	---	5,298.68	133,271.45	---	6,127.23	1,000.00
Fergus Falls State Hospital -----	5,000.00	220,100.00	---	8,247.75	212,752.42	---	15,595.33	5,000.00
Rochester State Hospital -----	3,000.00	198,375.00	---	7,365.31	181,745.03	---	23,995.28	3,000.00
St. Peter State Hospital -----	3,000.00	284,900.00	---	11,571.46	287,869.57	---	8,601.89	3,000.00
Moose Lake State Hospital -----	1,000.00	150,650.00	---	12,821.83	158,805.47	---	4,666.36	1,000.00
School for Feeble Minded -----	1,500.00	327,500.00	---	11,528.03	313,188.00	---	25,840.03	1,500.00
State Public School -----	1,000.00	75,000.00	---	3,291.18	67,748.88	---	10,542.30	1,000.00
Colony for Epileptics -----	800.00	139,600.00	---	4,939.16	126,628.96	---	17,910.20	800.00
Braille and Sight Saving School -----	400.00	30,000.00	---	1,598.24	29,249.33	---	2,348.91	400.00
School for the Deaf -----	600.00	48,900.00	---	3,043.21	47,656.81	---	4,286.40	600.00
Training School for Boys -----	1,800.00	101,750.00	---	3,745.41	98,807.40	---	6,688.01	1,800.00
Home School for Girls -----	650.00	67,400.00	---	2,756.78	62,976.40	---	7,180.38	650.00
Reformatory for Men -----	6,000.00	222,400.00	9,562.50	7,544.21	206,809.25	15,000.00	17,697.46	6,000.00
Reformatory for Women -----	500.00	15,700.00	---	609.79	14,481.72	---	1,828.07	500.00
Prison -----	3,500.00	246,000.00	306,533.13	1,910.30	477,773.44	---	76,669.99	3,500.00
Hospital for Crippled Children -----	500.00	98,650.00	---	4,095.94	93,400.16	---	9,345.78	500.00
All Institutions -----	\$32,050.00	\$2,670,675.00	\$316,095.63	\$108,266.04*	\$2,828,289.67	\$15,000.00	\$251,747.00	\$ 32,050.00
Division of Public Institutions								
Administrat'n supplies & expense -----	---	8,500.00	---	810.00	7,367.30	806.28	1,136.42	---
Support of insane -----	---	33,600.00	---	---	29,698.77	---	3,901.23	---
Control of tuberculosis -----	---	8,300.00	---	---	5,604.89	---	2,695.11	---
Employees compensation -----	---	32,535.39	---	---	---	32,535.39	---	---
Deporting non-residents -----	---	2,000.00	---	---	1,927.88	---	72.12	---
Mental Health Unit -----	---	47,500.00	---	913.50	46,720.93	---	1,692.57	---
Conting't fund for state Insts. -----	129,743.38	150,000.00	---	7,500.00	---	52,972.09	234,271.29	---
Total -----	\$161,793.38	\$2,953,110.39	\$316,095.63	\$117,489.54	\$2,919,609.44	\$101,313.76	\$495,515.74	\$ 32,050.00

*Includes \$93,266.04 received from swamp lands interest fund.