



# 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, dining rooms, storerooms and the 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 is 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.	Chief-of-Staff
Wallace H. Cole, M. D.	Associate Chief-of-Staff
Elizabeth McGregor, F.A.C.H.A.	Superintendent
Helen H. Kuitu, R. N.	Superintendent of Nurses
Grace Jones, D. D. S.	Dentist
Phyllis Moran, B. A.	Principal of School Department
Ralph C. Gardner	Steward

#### ORTHOPEDIC SERVICE

John H. Moe, M. D.	W. H. von der Weyer, M. D.
Stewart W. Shimonek, M. D.	Meyer Z. Goldner, M. D.
Harry B. Hall, M. D.	D. L. McCain, M. D.

#### PEDIATRIC SERVICE

Woodward Colby, M. D.	Ray Critchfield, M. D.
Ray Shannon, M. D.	Alexander Stewart, M. D.
F. G. Hedenstrom, M. D.	Burton Rosenholtz, M. D.

#### MEDICAL SERVICE

G. Edlung, M. D.	Joseph Ryan, M. D.
John Beck, M. D.	Joseph Meade, M. D.

#### GENERAL SURGERY

W. C. Carroll, M. D.	Warren Ogden, M. D.
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#### PLASTIC SURGERY

N. Logan Leven, M. D.	B. J. Lannin, M. D.
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#### EYE AND EAR SERVICE

E. R. Bray, M. D.

#### NOSE AND THROAT SERVICE

Robert Holmen, M. D.	L. C. Dack, M. D.
Gordon Strate, M. D.	

#### DERMATOLOGY

Chas. Freeman II, M. D.	Francis Lynch, M. D.
J. H. Madden, M. D.	



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 coming 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 feeding cases are admitted, preferably infants under six months of age. Children remain in the hospital as long as they are 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 approved 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 CHIEF-OF-STAFF

##### *To the Director of the Division of Public Institutions:*

Each biennium seems to produce some unusual circumstance in the maintenance of Gillette State Hospital. During the summer of 1946 an epidemic of Poliomyelitis invaded Minnesota to such an extent that every hospital bed in the State was necessary for the care of acute and subacute cases suffering from this disease. At this institution the usual routine was changed and program and plans altered, in order to accommodate the many acutely sick individuals requiring immediate treatment.

During the epidemic the usual routine was badly upset, and treatment was instituted to fit the emergency. Some of the most needed activities were put by until the population of the institution could again become normal, only to be hampered again by the inability to secure personnel necessary to properly start any new ventures.

The need still remains, and we trust that it will be possible to begin, even in a small way, special care for certain spastic children who are in need of training and treatment for their improvement.

We, also, ask for a full time Pediatric Fellow who will receive training by certain members of the staff as a part of his course in securing a well-rounded education in this children's specialty.

We, at the present time, have four excellent Fellows in Orthopedic Surgery, two from the University of Minnesota who spend a total of a year here, and two from the Graduate School of the Mayo Foundation who spend six months here as a part of their given course in training as orthopedic surgeons. These men have proved competent and we are greatly aided in the excellent care given to the patients in their department.

A new department in anesthesiology, under the direction of the University of Minnesota, is about to be established which will aid in the education and training of doctors who are taking this type of training as a specialty; it will also be of advantage to the children who will have a highly-trained doctor caring for them.

We are fortunate to have a Physiotherapy Department capable of training other physiotherapists, as well as giving excellent care to the many who are treated in this department.

The Dental Department has continued to give excellent care through the services of a half-time dentist and a visiting dental surgeon.

Social Service work, carried on under the Medical Unit of the Section of Services for Crippled Children, Department of Social Security, has been of great value to the hospital. Clinics throughout the State are conducted by this Department and the Minnesota-Dakota Orthopedic Club. A certain number of short-time cases are cared for in private hospitals by this Department.

We feel that the small stipend which has been appropriated by the past Legislature should be increased to such an amount that at least the expenses of the physicians making their trips to the hospital would be cared for by the State.

Without the effort of the entire staff, the report that follows would not be possible. I personally must thank the visiting staff, the resident

staff, the Division of Public Institutions of Minnesota, and friends, for their interest in their special fields in maintaining the Gillette State Hospital for Crippled Children.

Respectfully submitted,  
Carl C. Chatterton, M. D.  
Chief-of-Staff

*To the Director, Mr. CARL J. JACKSON, Division of Public Institutions:*

The following report covers the work of the various departments of Gillette State Hospital for Crippled Children for the biennial period ending June 30, 1948.

#### POPULATION

The number of patients cared for has increased.

The total number of patients cared for from July 1, 1946 to June 30, 1948 was 1500 (as compared to 1442 cared for during the previous biennial period).

Daily average number of patients during 1946-1947 was 152.

Daily average number of patients during 1947-1948 was 160.

Total number of visits to the Out Patient Department during 1946-1948 was 11,517.

Number of visits to Field Clinics by Gillette Hospital Out Patients during 1946-1948 was 1,352.

Monthly average of patients on the waiting list was 123.

#### NURSING SERVICE

We are still hampered by the lack of nurses. We could care for more patients if we could get the number of nurses we need.

After the Federal grants for cadet nurses were discontinued there was a definite drop in enrollment of student nurses and the number of students coming here for affiliation markedly decreased. At the present time our affiliation program is at a low ebb.

The students come here for a period of three months for an intensive program of theory and practice of child care and training in orthopedic and pediatric nursing. The affiliation period serves a dual purpose, (1) to provide the best possible nursing care and training for the patients, and (2) to give the best possible instruction in the care and training of the patient to the student nurse.

Improvements have been made in the living conditions and equipment for training student nurses. The best books and magazines obtainable have been added to their library.

An instructor with a college degree in nursing education has been added to our faculty. We are making an effort to fill every teaching position with fully trained and qualified instructors who are capable of instructing college level students in nursing subjects.

To augment the personnel in the nursing field we are training women who show promise in caring for the sick. The time of the graduate nurse can be released for supervision and caring for the critically ill patients.

There appears to be a changing situation during the last year and we are able to secure a better class of employees than was possible during the war period.

#### APPLICATIONS

With the high cost of living and the high cost of hospitalization we are receiving applications from and are admitting patients who would not have been approved as indigent in the past, when an income of \$150.00 to \$175.00 a month was considered the top level.

The effectiveness of the Public Health Program in Preventive Medicine is definitely noticeable.

The Bureau of Crippled Children has cared for short time cases. The National Foundation has provided care for many afflicted with poliomyelitis.

#### MEDICAL SOCIAL SERVICE

This department is a part of the Division of Services for Crippled Children. The personnel is selected and paid for by them. The work is directed by the staff doctors of Gillette State Hospital. There is a medical social service supervisor, a medical social service worker and two secretaries. They are responsible for the medical follow up of social service patients. They attend the orthopedic clinics, keep the visiting nurses informed about Gillette State Hospital patients in their communities. They co-operate with public health agencies; also, serve as a clearing house for information about facilities available for those in need. The medical social service record becomes a part of the patients' chart.

Speech training is provided for patients with defective speech by an instructor from the University.

Arrangements are made to transfer patients who have moved from the State if they still need treatment.

#### EDUCATION

School is carried on throughout the year. All patients of school age are assigned to school by the doctor's orders. Placement is determined by ability tests and school records. The child's activities are determined by

his physical condition. Our teachers have had special training, graduate and post-graduate work in the teaching of exceptional children. The state curriculum is followed and adapted to our needs. The normal activities of a well child are stressed. The school is approved by the State Department of Education. The work covers pre-school through high-school. We co-ordinate the moral training, the social development and the physical improvement of the child and stress to him and his parents the importance of the development of character as a foundation for good citizenship and a life of usefulness. Religious instruction is given to all children above the infant wards. This instruction is given by representatives of the Lutheran, Catholic and denominational churches. We are deeply indebted to this group of faithful workers.

The Library is a source of inspiration. We have books, magazines, records, pictures, radio programs. The habits of reading, selection of programs, the study of music appreciation, and the study of the masters arouse the interest of the patients.

The best selected movies are shown on alternate weeks.

There is close correlation between the teachers and the librarian.

#### IMPROVEMENTS

During this period the new additional unit has been almost completed. This building is a model of utility, beauty and completeness. Units of four beds complete in arrangement for care, isolation and service, completely furnished with workable, lasting and convenient equipment, heat control, night lights, bells, lockers, everything that makes for all a hospital should be is included and at a cost far below the average cost per bed. The State may indeed be proud of this addition. Provision for the Out-Patient Department on the ground floor has already been made.

The kitchen has been completely made over with new electric refrigerators, lighting system, rearrangement of equipment for labor saving and convenience.

New furniture and equipment has been added to the nurses' quarters and the doctors' apartments.

We have added a fluoroscope, a medical camera and a microscope to the x-ray and laboratory departments.

We have installed safety switches in the operating room and supplies needed for research work being carried on.

We have had two respirators given us at a cost of approximately \$4,000.00.

The roof and down spouts have been repaired on the original building. The children's play ground has been improved.

The old hospital car has been replaced by a Ford station wagon roomy enough for ten children for picnics or excursions, and adaptable for light freight or express purposes.

#### GIFTS AND DONATIONS

Gifts, great and small, have continued to come to us to add to the comfort, benefit and happiness of the children of this hospital. Church groups, Red Cross, Musical Organizations, Alumni and Active Chapters of Sororities, The Masonic Women, The Medical Auxiliary, The American Legion, The Public Schools, The Girl Scouts, The Boy Scouts, The Winter Carnival, The Shrine Circus, The College Glee Clubs, have all given freely and generously and have had a very important part in making this hospital a happy, wholesome place where children can develop normally. We wish to express our thanks and the thanks of the State to you for what has been done.

The Christmas Fund continues to grow and is ample for entertainment throughout the year. Christmas at Gillette with Paul and Mary might be never to be forgotten by patients who have had the privilege of being here.

#### NEEDS OF THE INSTITUTION

1. New Laundry Building—modern and up to date building and equipment. The present laundry is inadequate, working conditions most unsatisfactory and dangerous, sanitary conditions unsatisfactory. Use equipment that is in good condition and add new up to date equipment as is necessary.
2. Old laundry to be used as a repair and carpenter shop.
3. Enlarge Operating Room suite.
4. Elevator service from ground to first floor.
5. Repair porches.
6. Plumbing changes recommended by State Board of Health.
7. Safety measures—fire escapes, fire doors.
8. Convert coal burning furnaces to natural gas as soon as available.
9. Changes in ward facilities and arrangements.
10. Change in Record Room.  
Change Sterile Supply Room.
11. Provision for replacement of worn out furniture and equipment in employees' quarters, wards and offices.
12. Provision for adequate equipment for general kitchen and bakery.

13. Modernize lighting system in the school and wards.
14. Improve the ventilating system in the swimming pool.
15. Change store rooms and business offices to aid Out-Patient Department.
16. Improve grounds, grading, planting, new roads, sidewalks, replace old hedge.
17. Make changes necessary for spastic clinic in Ward 8.

Respectfully submitted,

**ELIZABETH MCGREGOR**  
Superintendent

STATISTICS  
OF INSTITUTIONS

FOR THE

BIENNIAL PERIOD

Ended June 30, 1948

GILLETTE STATE HOSPITAL FOR CRIPPLED CHILDREN

Classification	Year Ended June 30, 1946			Year Ended June 30, 1947		
	Male	Female	Total	Male	Female	Total
POPULATION						
In institution at beginning of year	88	89	177	86	93	179
First admissions	121	92	213	220	171	391
Readmissions	147	125	272	124	98	222
Transferred from out-patient department	17	6	23	11	11	22
Total under care	273	313	586	441	373	814
Died	2	—	2	2	2	4
Transferred to out-patient department	289	218	507	351	282	633
In institution at end of year	82	95	177	88	89	177
Total	373	313	686	441	373	814
Average population	77	72	149	86	85	171
Admitted at out-patient	56	44	100	34	21	55
AGE OF FIRST ADMISSION TO INSTITUTION AND TO OUT-PATIENT DEPARTMENT						
Under 1 year	11	13	24	19	10	29
1 year	12	11	23	18	18	36
2 years	17	11	28	21	25	46
3 years	4	10	14	18	14	32
4 years	15	8	23	17	17	34
5 to 7 years	32	16	48	47	32	79
8 to 10 years	28	14	42	30	24	54
11 to 13 years	17	17	34	32	25	57
14 to 16 years	25	18	43	40	15	55
17 to 20 years	16	18	34	11	12	23
Total	177	137	314	254	192	446
NATIVITY						
United States	177	137	314	254	192	446
PARENTAGE						
Native parentage	172	135	307	238	180	418
Mixed parentage	4	1	5	12	8	20
Foreign parentage	1	1	2	2	3	5
Parentage unknown	1	1	2	2	1	3
Total	177	137	314	254	192	446
CONDITION ON TRANSFER TO OUT-PATIENT DEPARTMENT						
Cured	280	202	482	341	273	614
Improved	2	6	8	4	8	12
Unimproved	6	9	15	5	—	5
Undertaken	1	1	2	—	—	—
Admitted for diagnosis only	—	—	—	—	—	—
Total	289	218	507	351	282	633
DURATION OF STAY OF PATIENTS						
Less than 3 months	188	133	321	218	167	385
3 to 6 months	60	48	108	67	49	116
6 to 12 months	37	40	77	58	51	109
1 year but less than 2	6	5	11	8	14	22
2 years but less than 3	—	2	2	1	2	3
3 years and over	—	—	—	—	—	—
Total	291	218	509	353	284	637

Statement of Appropriations for Current Expense for the Year Ended June 30, 1947

INSTITUTION	Bal. July 1	Appropriations	Receipts	Received by Trans.	Disbursements (Expense)	Disbursed by Transfer	Cancellable to Gen. Rev. Fund	Bal. June 30
<b>INSTITUTION</b>	<b>\$ 800.00</b>	<b>\$ 227,068.43</b>	<b>\$ —</b>	<b>\$ 14,832.16</b>	<b>\$250,026.52</b>	<b>\$ —</b>	<b>\$ 11,874.07</b>	<b>\$ 800.00</b>
Anoka State Hospital	1,000.00	193,036.83	—	12,405.79	200,012.40	—	5,430.22	1,000.00
Hastings State Hospital	1,000.00	160,196.86	—	14,836.47	171,871.26	—	3,162.07	1,000.00
Willmar State Hospital	5,000.00	286,143.86	—	23,082.19	299,158.26	—	10,667.79	5,000.00
Fergus Falls State Hospital	3,000.00	256,924.61	—	17,061.67	266,994.32	—	6,991.96	3,000.00
Rochester State Hospital	3,000.00	353,479.53	—	21,153.47	367,500.15	—	7,132.85	3,000.00
St. Peter State Hospital	1,000.00	183,365.35	—	15,007.31	187,644.89	—	10,727.77	1,000.00
Moose Lake State Hospital	1,500.00	425,932.12	—	20,589.71	425,007.76	—	21,514.07	1,500.00
School for Feeble Minded	1,000.00	102,931.08	—	3,580.20	105,150.20	—	1,361.03	1,000.00
Owatonna State School	800.00	178,507.23	—	12,315.69	171,810.43	—	14,012.49	800.00
Colony for Epileptics	400.00	32,753.40	—	1,588.42	32,551.59	—	1,790.23	400.00
Braille and Sight Saving School	600.00	61,377.48	—	2,973.45	61,463.17	—	2,837.76	600.00
School for the Deaf	1,800.00	116,105.71	—	8,377.53	117,541.51	—	6,941.73	1,800.00
Training School for Boys	650.00	79,135.03	—	2,545.82	77,963.66	—	3,715.19	650.00
Home School for Girls	6,000.00	220,419.52	5,379.75	11,701.47	228,512.87	—	8,987.87	6,000.00
Reformatory for Men	500.00	17,801.12	—	660.33	17,881.44	—	580.01	500.00
Reformatory for Women	3,500.00	134,306.00	238,066.43	218,472.12	579,704.33	—	11,140.22	3,500.00
Prison	500.00	115,906.65	—	8,933.88	123,140.13	—	1,699.90	500.00
Hospital for Crippled Children	—	—	—	—	—	—	—	—
<b>All Institutions</b>	<b>32,050.00</b>	<b>3,140,388.76</b>	<b>243,446.18</b>	<b>410,117.18*</b>	<b>3,863,934.89</b>	<b>—</b>	<b>130,017.23</b>	<b>32,050.00</b>
<b>Division of Public Institutions</b>	<b>—</b>	<b>9,300.00</b>	<b>—</b>	<b>—</b>	<b>8,849.60</b>	<b>—</b>	<b>450.40</b>	<b>—</b>
Adminstrat'n supplies & expense	—	39,176.90	—	—	33,704.41	—	5,472.49	—
Support of insane	—	9,907.61	—	—	6,386.96	—	3,520.65	—
Control of tuberculosis	—	2,000.00	—	1,000.00	2,945.35	—	54.65	—
Deporting non-residents	—	58,370.79	—	—	50,291.99	—	8,078.80	—
Mental Health Unit	—	—	—	—	—	—	—	—
Preparation of plans for const. & remodeling bldgs.	15,000.00	—	—	—	15,000.00	—	—	—
Employees compensation	—	39,019.16	—	38,570.00	—	39,019.16	—	—
Conting't fund for state Insts.	118,614.86	—	—	—	2,556.70	207,184.86	—	—
Deferred bldg. account	4,089.76	—	—	—	21,973.62	—	—	—
Feeble Minded School site com.	24,574.33	—	—	—	—	—	—	—
<b>Total</b>	<b>162,278.95</b>	<b>157,774.46</b>	<b>—</b>	<b>39,570.00</b>	<b>141,708.63</b>	<b>246,204.02</b>	<b>21,710.76</b>	<b>—</b>
Braille & Sight Saving School	—	1,800.00	—	—	1,886.98	—	113.02	—
Higher education	—	400.00	—	—	219.62	—	180.38	—
School for the Deaf Gall'et Stuts	—	—	—	—	—	—	—	—
State Training School for Boys	—	4,200.00	—	—	3,524.33	—	675.67	—
Placement of boys in pri. h'ms	—	—	—	—	—	—	—	—
Reformatory for Men	—	—	—	50	719.08	—	—	128.61
Vocational training	847.19	—	—	—	23,617.15	—	6,382.85	—
Penal camps	—	30,000.00	—	—	—	—	—	—
Hospital for Crippled Children	—	1,500.00	—	—	1,088.31	—	411.69	—
Instruction and Amusement	—	2,000.00	—	—	1,429.98	—	570.02	—
Scientific equipment	—	15,600.54	—	—	14,958.07	—	642.47	—
Special appliances	—	—	—	—	—	—	—	—
<b>Total</b>	<b>\$195,176.14</b>	<b>\$3,353,663.76</b>	<b>\$243,446.18</b>	<b>\$499,687.68</b>	<b>\$3,852,887.04</b>	<b>\$246,204.02</b>	<b>\$160,704.09</b>	<b>\$32,178.61</b>

\*Includes \$89,054.24 received from swamp land interest fund.