

. University Hospitals.

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Bulletin of the

University of Minnesota Hospitals
and
Minnesota Medical Foundation



Hospitals Report
1950-1951

BULLETIN OF THE
UNIVERSITY OF MINNESOTA HOSPITALS
and
MINNESOTA MEDICAL FOUNDATION

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I. HOSPITALS REPORT - 1950-51

UNIVERSITY OF MINNESOTA HOSPITALS

Ray Amberg

The University of Minnesota Hospitals was established to furnish a means for the University of Minnesota to train medical, nursing and other students in the medical auxiliary field in the disciplines of medicine. Training is given in both the out-patient department and hospitals under the direct supervision and guidance of a competent staff made up of full time and part time members. The staff is responsible to the state through the university for both the instruction of the students and the care of the patients. This arrangement has proved satisfactory, not only in the training of students but also as an economical means for the state to care for many of its indigent sick.

For years the Minneapolis General Hospital and the Ancker Hospital in St. Paul were the principal teaching hospitals of the University of Minnesota, but in 1911, through the generosity of the family of Dr. Adolphus S. Elliot, Elliot Memorial Hospital was erected. This was a general hospital of 200 beds. Since the establishment of Elliot Hospital a service building has been added by the University of Minnesota. The relatives of Dr. Frank C. Todd and other citizens donated funds to build Todd Hospital for the care of ear, eye, nose and throat cases. This unit was opened in 1924. The Citizens Aid Society of Minneapolis contributed funds for the establishment of a cancer institute. Another unit was added to the hospital later which includes the Eustis hospital for children, the Health Service for students, a unit for women--including obstetrical patients--and an out-patient department. A psychiatric unit was provided by the legislature in the year 1937. Together these units make up a series of hospitals known as the University of Minnesota Hospitals and have a rated capacity of 450 patients.

The Variety Club Heart Hospital was opened to patients during the year, and the first patients with heart disease were admitted on March 18, 1951. The hospital is an integral part of the University of Minnesota Hospitals and patients are admitted through the Main Hospital Admission Office. Both pediatric and adult patients are given complete physical examinations before referral to the Heart Hospital for special care. Cardiac patients may be treated on an out-patient basis or may be referred to one of the in-patient services. All patients admitted to the Heart Hospital are referred by the family physician in the same manner as other patients referred to the University Hospitals.

The Out-Patient Department has a waiting room, eight examining rooms, a fluoroscopic room, laboratory, ECG and BMR rooms. The Minneapolis School Heart Clinic is a part of the out-patient clinic service for children. Adult clinics are held on Monday, Wednesday and Friday.

Approximately eighty patients can be accommodated in the Hospital and complete in-patient services are available including occupational therapy, social service and a patients' library.

The Variety Club Theatre is a part of the Heart Hospital facilities and can be used to show full length movies and on its completely equipped stage, other types of entertainment are offered patients.

The Variety Club Heart Hospital was made possible by funds provided by the Variety Club of the Northwest, the United States Public Health Service and the University of Minnesota. The fourth floor of the Heart Hospital provides facilities for research and study in the causes, prevention and treatment of rheumatic fever and heart diseases especially those affecting children. This program is sponsored by the American Legion and Women's Auxiliary, Department of Minnesota. The Clark Professorship provides for research in cardiac and cardiovascular diseases are related to the

older age groups.

After several years of planning and some delays due to the advance in costs of construction, the Mayo Memorial is now on its way to becoming a reality. Bids for the general construction, heating and plumbing and other necessary contracts in the construction of the Mayo Memorial Medical Center have been let by the University of Minnesota.

The Mayo Memorial Medical Center will provide much needed space for an expanded research and teaching program, in addition to providing for approximately 170 beds, to become part of the in-patient service. A physical rehabilitation center will occupy two floors in the tower of the building. Facilities will also be available to the Department of Public Health, Bacteriology and other departments of the Medical School.

With these expanded facilities the University of Minnesota Medical School will be able to make a greater contribution to the health needs of the citizens of Minnesota in addition to making its professional contribution to the general medical field.

UNIVERSITY HOSPITALS ADMISSION POLICY

In applying for admission to the Hospitals it is required that the patient be referred by his family physician or by a physician in his local community. This rule avoids the criticism that the Hospitals or its clinics are taking patients away from private practitioners. This same policy holds true for patients admitted to the Heart Hospital.

Patients are classified according to their ability to pay as County, Per Diem, Teaching and Research, Sixty Fund, Eustis, Private, and, in the case of the Heart Hospital, the Variety Club of the Northwest Fund. There is no distinction made between the various classes in the treatment or privileges afforded.

County patients are those who are totally unable to pay. Their expenses

are shared equally by their county and the state. When applying for either out-patient or hospital care, these patients must present county papers filled in by both their physician and their county commissioner (or his representative).

Per Diem patients are those who cannot afford to pay for the services of both a private physician and a private hospital. When applying for either out-patient or hospital care, these patients must present a special form filled in by themselves and their family physicians. They are required to pay their clinic or hospital expenses only, no charge being made for the professional services of the staff. From the standpoint of money received by the hospitals, there is no difference between a county patient and a per diem patient; consequently, the services and privileges tendered both are identical.

Teaching and Research patients are primarily destitute unmarried obstetrical patients who are unable to avail themselves of county papers.

The Sixty Fund is a special grant from the state legislature which is used to hospitalize indigent psychiatric patients for treatment, teaching and research purposes.

The Eustis Fund was set up by William Henry Eustis to care for indigent children under 16 years of age.

Private patients, limited in number, are admitted as a convenience to the senior staff. They are usually referred cases from other doctors in the state. They are afforded the same treatment and privileges as are private patients in any private hospital.

The Variety Club of the Northwest Fund is a special annual gift from the Variety Club to assist in the care of patients from any of the communities in the Club area, which includes Minnesota, North Dakota, South Dakota, parts of Wisconsin or any other area indicated by the Club.

Patients may be admitted for care on this Fund on the usual recommendation of a physician. The Variety Club itself may at times wish to indicate and request service for certain patients in which they have a special interest, care to be paid for through this Fund. No charge will be made for the professional services of the staff, only for clinic or hospital expenses.

Student Health Service patients are not considered as being Hospitals patients even though a Hospitals intern is assigned to that service. The Student Health Service has its quarters in the University Hospitals but is not a part of either the University Hospitals or the Medical School. It is a service institution maintained by the University with a director, staff and budget of its own. The new Student Health Service is located on Church Street west of the Hospitals. This provides out-patient care only. The infirmary occupies the fourth floor of the North wing of the Hospitals as in the past.

IN-PATIENT DEPARTMENT

The number of patients admitted for the year 1949-50 was 11,081 and for the year 1950-51, the number was 10,831, a decrease of 250. The total number of days of hospital treatment aggregated 140,893 for 1949-50 and 142,885 for 1950-51, the largest number of hospital days in the history of the Hospitals. The average number of days per patient stay in the hospitals was 12.7 in 1949-50 and 13.3 in 1950-51. Deaths for the past year numbered 459 as compared with 469 the previous year. This is a mortality percentage of 4.1 as against 4.2 for the year 1949-50. Post mortems for the year 1949-50 numbered 347, an average of 80% of deaths, and in 1950-51, the number was 341, an average of 81%. The daily average number of patients was 386 in 1949-50 and in 1950-51 the number was 391. Surgical operations performed during the year 1949-50 aggregated 7,501 and during 1950-51, 7,783, an increase of 282.

OUT-PATIENT DEPARTMENT

The number of new patient visits in 1949-50 was 27,505 and in 1950-51, 28,343. Total patient visits for 1949-50 were 102,992 and for 1950-51, 100,656.

GENERAL REMARKS

The In-Patient service showed an increase of 1,992 patient days over last year, and the Out-Patient Department showed a decrease of 2,336 visits.

The psychopathic Department of the Hospitals admitted 305 patients during 1949-50 and 287 in 1950-51. The patients in the Psychopathic Hospital used 9,605 patient days in 1950-51 as against 7,924 during 1949-50. Please note that the figures from the Admission Department are used rather than those from the Bookkeeping report. The difference is accounted for by the fact that patients transferred to another service may still be housed on Station 60 and the Bookkeeping Department carries them on the psychiatric service.

The waiting list of the Hospitals showed 252 patients on July 1.

In the Out-Patient Department the cost per patient visit was \$3.82 in 1949-50 and \$4.09 in 1950-51, an increase of 27¢ per patient visit. The cost of operating the In-Patient Department was \$18.56 in 1949-50 and \$18.86 in 1950-51, an increase of 30¢ per patient day.

The X-Ray Department reports 65,670 procedures for the year 1950-51 as against 74,345 for the year 1949-50.

The Department of Deep X-Ray Therapy gave 7,494 deep therapy treatments during 1950-51 as against 8,171 in 1949-50. There were 1,126 superficial therapy treatments given in 1950-51 and 1,066 in 1949-50.

The number of hospital prescriptions filled was 112,058 in 1950-51 and in 1949-50, the number was 110,446. For the

Health Service and Out-Patient Department the year 1950-51 showed 35,570 prescriptions filled as against 46,584 for the previous year.

The Physical Therapy Department reports 25,194 treatments for the year 1950-51 and 29,436 treatments for 1949-50.

The specific department reports will be presented at the time of their staff meeting assignments.

The administration of the Hospitals wishes to thank the National Foundation for their assistance in connection with poliomyelitis. The administration also wishes to thank the Variety Club for their support to the Variety Club Heart Hospital; the University Faculty Women's Club who have continued their generous efforts in behalf of our patients; the Crippled Child Relief, the Minnesota Society for Crippled Children and Dis-

abled Adults, the State Division of Social Welfare and the County Welfare Boards for their assistance; the various Nursing Homes for their cooperation; the Traffic Club who year after year continue to provide entertainment, gifts and cheer to our patients at Christmas; the Sunshine Club for their contributions; the Camp Fire Girls; the Girl Scouts; the Needlework Guild, the Junior League, the Federated Church Women, the Gilfillan Fund of the Mayo Clinic. The Hospitals sincerely appreciate the interest of these various organizations in our patients. We wish to thank the many people throughout the state who have contributed to the Heart Fund and the Cancer Fund during the past year. To all members of the professional and service staffs of the Hospitals the administration wishes to extend the appreciation of the Hospitals for their loyal devotion to duty and considerate care of the patients.

COMPARATIVE TWELVE-MONTHS REPORT

IN-PATIENT DEPARTMENT

	1949-50	1950-51		1949-50	1950-51
<u>Total Patients Admitted</u>			<u>Average Days Per Pt.</u>		
Private	2,500	2,696	Private	8.7	9.
Per Diem	2,257	1,899	Per Diem	13.1	12.6
Eustis	181	162	Eustis	16.9	14.8
Teaching & Research	146	171	Teaching & Research	16.9	12.3
Staff	113	107	Staff	5.5	4.3
County	4,346	4,259	County	15.4	17.3
Health Service	1,252	1,085	Health Service	4.5	4.
Psychopathic	141	156	Psychopathic	32.2	34.9
Private	84	93	Private	37.4	26.8
Per Diem	61	52	Per Diem	32.4	35.5
	<u>11,081</u>	<u>10,680</u>			
		151*			
		<u>10,831</u>			
<u>Total Patients Treated (Discharged)</u>			<u>Average Length of Stay Per Patient</u>	12.7	13.3
Private	2,468	2,617			
Per Diem	2,148	1,834	<u>Daily Average Number of Patients</u>		
Eustis	200	182	Private	59.1	65.
Teaching & Research	164	181	Per Diem	77.3	63.5
Staff	114	107	Eustis	9.2	7.4
County	4,446	4,406	Teaching & Research	7.6	6.1
Health Service	1,250	1,083	Staff	1.7	1.2
Psychopathic	167	171	County	188.4	208.8
Private	80	84	Health Service	14.3	11.9
Per Diem	58	46	Psychopathic	14.7	16.3
	<u>11,095</u>	<u>10,711</u>	Private	8.2	6.2
			Per Diem	5.1	4.4
<u>Total Days Hospital Care</u>					
Private	21,584	23,726	<u>Daily Average Census for Hospital</u>	386	391
Per Diem	28,220	23,207			
Eustis	3,383	2,709			
Teaching & Research	2,772	2,230			
Staff	637	467			
County	68,789	76,241			
Health Service	5,247	4,370			
Psychopathic	5,389	5,977			
Private	2,992	2,252			
Per Diem	1,880	1,635			
Variety		71			
	<u>140,893</u>	<u>142,885</u>			
*This figure represents Transfers to the Heart Hospital which were carried as Admissions in the Bookkeeping Report.					

COMPARATIVE TWELVE-MONTHS REPORT

IN-PATIENT DEPARTMENT

Service	Admissions		Patient Days		Av. Length of Stay	
	1949-50	1950-51	1949-50	1950-51	1949-50	1950-51
General Surgery	1,439	1,911	19,290	26,400	14	14
Urology	774	815	9,416	10,437	11	12
Orthopedics	228	203	5,472	5,407	24	27
Neurosurgery	383	409	4,596	4,680	12	11
Tumor Surgery	316	Inc. in Gen. Surg.	3,792	Inc. in Gen. Surg.	12	Inc. in Gen. Surg.
Reconstruction	67		1,665		25	
Chest Surgery	<u>62</u>		<u>1,540</u>		25	
Total	3,269	3,338	45,771	46,924		
Medicine	1,208	1,316	19,541	21,469	18	21
Neurology	706	628	11,306	9,009	16	17
Dermatology	<u>101</u>	<u>112</u>	<u>2,154</u>	<u>2,284</u>	21	22
Total	2,015	2,056	33,001	32,762		
Psychiatry	305	287	7,924	9,605	26	34
Ophthalmology	236	204	2,808	3,012	12	15
Otolaryngology	<u>261</u>	<u>269</u>	<u>2,062</u>	<u>2,211</u>	8	9
Total	497	473	4,870	5,223		
Gynecology	397	355	4,292	2,792	11	8
Gynecology Tumor	<u>255</u>	<u>332</u>	<u>4,806</u>	<u>4,125</u>	19	11
Total	652	687	9,098	6,917		
Obstetrics	542	661	5,962	5,809	10	9
Newborn Pediatrics	462	501	4,158	4,428	9	9
Pediatrics & Specialties	2,017	1,670	25,821	26,861	14	16
Health Service	<u>1,322</u>	<u>1,158</u>	<u>4,288</u>	<u>4,356</u>	5	4
Totals	11,081	10,831	140,893	142,885	12.7	13

COMPARISON OF LENGTH OF STAY

Service	1940-41	1941-42	1942-43	1943-44	1944-45	1945-46	1946-47	1947-48	1948-49	1949-50	1950-51
General Surgery	14.3	15.9	15.7	18.4	18.5	15	14	15	14	14	14
Urology	12.4	11.1	11.8	11	12.1	15	13	12	12	11	12
Orthopedics	28.4	34.3	27.4	27.5	27.2	31	39	22	28	24	27
Neurosurgery	20.7	15	16.3	20.1	18	15	16	12	13	12	11
Tumor Surgery	8.5	10.4	8.6	11.6	13.9	12	10	12	10	12	Inc. in General Surgery
Reconstruction Surgery	16.5	24.9	20.9	31.1	35.1	29	41	23	19	25	
Chest Surgery	16.7	32							24	25	
Medicine	17.8	16.3	14.7	16.3	15.5	19	21	18	17	18	21
Neurology	16.8	12	14.7	14.8	20.4	16	16	17	14	16	17
Dermatology	14.5	13.6	16	23.5	14.5	16	18	19	21	21	22
Psychiatry	44.6	34.3	35.2	37.3	37.6	31	35	32	29	26	34
Ophthalmology	12.2	12.1	16.3	13.5	16.5	16	16	15	15	12	15
Otolaryngology	6.7	5.7	6	7.2	7.8	8	7	7	8	8	9
Gynecology	10.4	9.5	11.9	11.3	12.7	14	11	11	8	11	8
Tumor Gynecology	31.7	45.1	31.6	37.6	47.4	37	57	35	18	19	11
Obstetrics	11.4	13.3	12.6	15.8	16.4	15	14	12	11	10	9
Newborn Pediatrics	9.6	11.2	18.5	12.6	14.3	13	10	11	9	9	9
Pediatric Spec.	21.6	21.5	23.5	24.6	20.6	22	18	16	14	14	16
Ambulatory	2.1	1.5	3.4	2.4							
Health Service	4.6	4.2	4.9	5.2	5.2	4	4	4	4	5	4
Tuberculosis Surgery	68.1	64.									
TOTALS	15	15	14.6	15.6	16.6	16	15	14	13.2	12.7	13

COMPARATIVE TWELVE-MONTHS REPORT

OUT-PATIENT DEPARTMENT

Service	New Patients		Revisits		Totals	
	1949-50	1950-51	1949-50	1950-51	1949-50	1950-51
Medicine						
Polio & Polio Exam.	565	5	581	305	1,146	310
General	3,839	3,783	17,815	15,907	21,654	19,690
Cardiac	499	412	1,630	1,793	2,129	2,205
Chest	220	127	873	649	1,093	776
Diabetic	152	142	1,351	1,322	1,503	1,464
Gastric Expression	781	302	1,117	583	1,898	885
Metabolism	173	124	774	1,030	947	1,154
Neurology	640	590	2,030	1,900	2,670	2,490
Psychiatry	374	524	1,917	2,021	2,291	2,545
"L" Clinic	23	12	179	121	202	133
Dermatology	583	462	3,428	2,994	4,011	3,456
Surgery						
General	1,235	956	6,570	6,203	7,805	7,159
Genito-Urinary						
Female	223	204	847	755	1,070	959
Male	521	501	1,937	1,936	2,458	2,437
Neurosurgery	115	123	543	558	658	681
Reconstruction	78	56	596	444	674	500
Tumor	396	379	4,192	4,033	4,588	4,412
Orthopedics	542	482	1,248	1,344	1,790	1,826
Proctology		246		902		1,148
Physical Therapy		1,280		8,843		10,123
Ear	385	351	1,297	1,215	1,682	1,566
Eye						
General	1,070	1,032	4,312	4,336	5,382	5,368
Refraction	1	6	781	774	782	780
Squint			169	239	169	239
Nose & Throat	543	520	1,875	1,482	2,418	2,002
Obstetrics	219	195	1,210	1,198	1,429	1,393
Gynecology (Tumor)	99	42	1,045	1,077	1,144	1,119
Gynecology	581	534	1,693	1,645	2,274	2,179
Podiatrics	1,017	1,082	4,395	4,446	5,412	5,528
Children's Psychiatric	10	6	445	379	455	385
Speech			13		13	
Pediatics (Heart)		34		146		180
Nutrition	97	132	30	62	127	194
Dental	254	279	1,496	1,671	1,750	1,950
W-212	1,529		9,098		10,627	
Miscellaneous (Inc. North Clinic)	10,741	13,420			10,741	13,420
TOTALS	27,505	28,343	75,487	72,313	102,992	100,656

NORTH CLINIC

CLINIC ATTENDANCE

	<u>New Patients</u>	<u>Revisits</u>	<u>Totals</u>
Medicine	924	1,615	2,539
Neurology	227	446	673
Skin	2	1	3
Surgery	668	3,097	3,765
Urology	3	16	19
Neurosurgery	306	412	718
Deep X-Ray	33		33
Anesthesia	4	6	10
Orthopedic	1		1
Physical Medicine	8	13	21
Ear		1	1
Eye	4		4
Nose & Throat	1		1
Obstetrics	220	1,912	2,132
Gynecology	304	974	1,278
Pediatrics	293	697	990
Children's Psychiatric	1	1	2
Speech	12	8	20
Miscellaneous	<u>1</u>	<u>1</u>	<u>2</u>
Totals	3,012	9,200	12,212

CASH SUMMARY

Admissions	\$ 5,483.59
Laboratory	16,723.75
X-Ray	831.80
Physical Therapy	1,351.05
Miscellaneous	532.25
Canes	3.00
Photo.	1.00
Drugs	242.15
Bandages	25.75
Treatments	<u>232.80</u>
	\$ 25,427.14

UNIVERSITY OF MINNESOTA HOSPITALS

Statement of Income & Expenditures

June 30, 1951

INCOME

County & State Reimbursement	\$ 1,557,685.18	
Pay Bed	958,069.76	
Minnesota Hospital & Home for Crippled Children	59,982.59	
Psychopathic	179,835.00	
Out-Patient	105,084.63	
University Funds	139,604.00	
Health Service	71,226.23	
Variety Club Heart Hospital	12,500.00	
Other Funds	<u>22,336.11</u>	\$ 3,106,323.50

EXPENDITURES

Salaries & Wages	\$ 1,806,023.41	
Supplies & Expense	<u>1,301,119.28</u>	\$ 3,107,142.69

FREE BALANCE → June 30, 1951 \$ --- 319.19

COST OF OPERATION

<u>Year</u>	<u>Out-Patient Dept.</u>	<u>In-Patient Dept.</u>	<u>Out-Patient Visit</u>	<u>Hospital Day</u>
1946-47	\$ 263,389.11	\$ 1,740,182.00	\$ 3.14	\$ 12.02
1947-48	334,800.00	2,232,041.50	3.72	16.31
1948-49	330,285.63	2,470,630.55	3.43	17.56
1949-50	393,924.24	2,613,295.32	3.82	18.56
1950-51	411,346.29	2,695,796.40	4.09	18.86

COMPARATIVE TWELVE-MONTHS REPORT

HOSPITAL LABORATORY

Laboratory	Number of Determinations	
	1949-50	1950-51
Dispensary	72,624	64,836
Hematology	62,113	65,860
Urinalysis	75,592	76,039
Chemistry	42,346	49,540
Special Chemistry	2,180	
Liver Functions	8,080	6,604
Liver Functions (T & R)	494	
Heart Hospital		400
Clerks'	48,728	48,443
Blood Bank	45,312	43,721
Bacteriology	21,485	20,286
Electrocardiography & Metabolism	8,439	9,118
Tissues	7,109	5,808
Tissue Blocks		18,602
Serology, Parasitology	<u>2,264</u>	<u>2,087</u>
TOTALS	396,766	411,344
Cancer Detection	14,734	18,582
Electro-Encephalography	1,057	1,096
Student Health Service	57,500	55,182
Heart Hospital (From 3/12/51)		2,403
North Clinic (From 1/19/51)		3,917

COMPARATIVE TWELVE-MONTHS REPORT

PHARMACY

<u>Month</u>	<u>Out-Patient Department & Health Service Rx</u>		<u>Hospital Rx</u>		<u>Total Rx</u>	
	<u>1949-50</u>	<u>1950-51</u>	<u>1949-50</u>	<u>1950-51</u>	<u>1949-50</u>	<u>1950-51</u>
July	3,257	3,157	9,052	9,597	12,309	12,754
August	3,870	3,470	9,427	8,962	13,297	12,432
September	3,186	2,722	8,943	8,775	12,129	11,497
October	4,028	2,919	8,311	8,608	12,339	11,527
November	4,196	2,957	8,118	9,957	12,314	12,914
December	3,528	2,579	9,457	9,510	12,985	12,089
January	3,909	3,048	9,117	9,836	13,026	12,884
February	3,795	2,611	8,171	8,903	11,966	11,514
March)	4,798	2,778	10,793	9,667	15,591	12,445
April) Including	3,725	3,059	9,692	9,147	13,417	12,206
Heart						
Hospital						
May)	4,497	3,211	9,915	9,735	14,412	12,946
June)	3,795	3,059	9,450	9,361	13,245	12,420
TOTALS	46,584	35,570	110,446	112,058 Allerg. Rx	157,030 3,783 <u>160,813</u>	147,628 1,381 <u>149,009</u>

COMPARATIVE TWELVE-MONTHS REPORT
OPERATING ROOMS

Service	Major		Minor		Totals	
	1949-50	1950-51	1949-50	1950-51	1949-50	1950-51
<u>Main Operating Room</u>						
General Surgery	808	861	263	389	1,071	1,250
Gastric	312	254	3	7	315	261
Colon	291	202	3	4	294	206
Comb. Abd. Perin. Resection		47				47
Esophagectomy		4				4
Super Radical Mastectomy		13				13
2nd Looks		15				15
Stomach		6				6
Colon		6				6
Rectum		3				3
Neck	175	115	63	32	238	147
Cardiac	47	68			47	68
Thoracic	121	94	7	6	128	100
Plastic Surgery	98	57	27	70	125	127
Proctology	31	7	42	98	73	105
Neurosurgery	396	383	116	108	512	491
Urology Surgery	218	205	25	29	243	234
Orthopedics	51	2	19	6	70	8
Fractures	1	0	1	2	2	2
Casts		1	3	10	3	11
Gynecology	23	17	2	1	25	18
Ophthalmology	0	0	0	0	0	0
Otolaryngology	15	2	17	20	32	22
Dentistry	1	0	0	0	1	0
	<u>2,588</u>	<u>2,362</u>	<u>591</u>	<u>782</u>	<u>3,179</u>	<u>3,144</u>
<u>Cystoscopy Department</u>						
Cystoscopies			1,037	966	1,037	966
Transurethral Resection & Operative Procedures	397	500			397	500
Minor Non-Cystoscopies			154	609	154	609
X-Rays			315	575	315	575
Miscellaneous	29		344		373	
	<u>426</u>	<u>500</u>	<u>1,850</u>	<u>2,150</u>	<u>2,276</u>	<u>2,650</u>
<u>West Operating Room</u>						
Orthopedics	111	71	96	92	207	163
Casts on Non-Operatives			103	107	103	107
Casts on Operatives	68	54			68	54
Fractures	90	65	27	37	117	102
Gynecology	183	201	227	203	410	404
	<u>452</u>	<u>391</u>	<u>453</u>	<u>439</u>	<u>905</u>	<u>830</u>
<u>East Operating Room</u>						
Ophthalmology	172	179	134	121	306	300
Otolaryngology	177	165	515	549	692	714
Dentistry	4	12	14	22	18	34
Plastics	54	62	71	49	125	111
	<u>407</u>	<u>418</u>	<u>734</u>	<u>741</u>	<u>1,141</u>	<u>1,159</u>
<u>SUMMARY</u>						
Major					3,873	3,671
Minor					<u>3,628</u>	<u>4,112</u>
					<u>7,501</u>	<u>7,783</u>

COMPARATIVE TWELVE-MONTHS REPORT
PHYSICAL THERAPY DEPARTMENT

Type of Treatment	Number of Out-Patient Treatments		Number of Hospital Patient Treatments		Total Number of Patient Treatments	
	1949-50	1950-51	1949-50	1950-51	1949-50	1950-51
Diathermy (Short Wave)	543	1,134	131	170	674	1,304
Ultra Violet	444	490	305	464	749	954
Phototherapy-Infra Red	1,076	1,387	435	810	1,511	2,197
Massage-Muscle Training	1,715	2,068	541	904	2,256	2,972
Exercise	3,993	4,265	11,944	7,602	15,937	11,867
Fever (Short)	83	70	17	4	100	74
Paraffin Bath	63	517	11	116	74	633
Intravenous Injection	35				35	
Blood Pressure & Hypo	253	349	30	8	283	357
Whirlpool	927	1,086	341	410	1,268	1,496
Galvanic-Paradic-Sine	599	331	58	152	657	483
Hot Packs	204	463	4,783	1,114	4,987	1,577
Polio Clinic	450	303			450	303
Consultations in Clinic	458	977			458	977
TOTALS	10,843	13,440	18,596	11,754	29,436	25,194
New Patients	234	302	423	450	657	752
No. of Patients Treated	5,242	5,918	15,167	8,089	20,409	14,007

COMPARATIVE TWELVE-MONTHS REPORT

X-RAY REPORT

PARTS EXAMINED	1949-50	1950-51
Abdomen	1,996	1,992
Angiography (cerebral, venous, arterial, cardiac)	115	314
Ankle and Foot	442	528
Arm, Forearm, Elbow	462	501
Bronchogram	129	159
Chest	15,079	13,832
Cholangiogram	202	152
Colon	2,801	2,684
Cystourethrogram & Cystogram		229
Encephalogram	158	240
Facial Bones	309	277
Gall Bladder	819	886
Heart	1,240	1,441
Miscellaneous	412	262
Pelvimetry		80
Pelvis & Hip Joints	1,874	1,958
Planogram		103
Ribs & Sternum	192	185
Sacro-iliac & Lumbosacral (See Spine)		
Shoulder Girdle	347	395
Sinuses, Paranasal & Mastoids	453	484
Skull, Orbits, Sella Turcica	1,875	1,797
Small Bowel	181	172
Spine	2,514	2,318
Stomach, Duodenum, Esophagus	5,049	5,178
Thigh, Leg, Knee	1,014	1,026
Urinary Tract	893	969
Urography, Excretion	1,269	1,326
Urography, Retrograde	438	395
Ventriculogram	124	83
Wrist & Hand	430	482
Venograms	31	
TOTAL RADIOGRAPHIC EXAMINATIONS	<u>40,925</u>	<u>40,448</u>
<u>PHOTOFLUOROGRAPHY</u>		
Students' Health Service	13,018	4,278
Employees	6,399	1,601
Admission Cases	1,544	7,077
	<u>20,961</u>	<u>12,956</u>
<u>FLUOROSCOPY</u>		
Out-Patient Routine	2,182	1,654
Diagnostic	10,277	10,612
	<u>12,459</u>	<u>12,266</u>
TOTAL DEPARTMENTAL PROCEDURES	<u>74,345</u>	<u>65,670</u>
<u>PATIENTS</u>		
Cancer Detection Center		2,141
Hospital	10,063	10,496
Variety Club Heart Hospital		433
Out-Patient Department	14,612	13,056
Students' Health Service	3,916	1,472
Private	3,925	4,424
Miscellaneous	653	1,050
	<u>33,169</u>	<u>33,072</u>

COMPARATIVE TWELVE-MONTHS REPORT

X-RAY THERAPY DEPARTMENT

TYPE OF TREATMENT	1949-50	1950-51
<u>Deep X-Ray Treatments (400,220 KV)</u>		
New Patients Treated	502	462
Patients Retreated	154	160
TOTAL NUMBER OF PATIENTS TREATED	656	622
Hennepin County Patients	93	81
Ramsey County Patients	27	41
TOTAL COUNTY PATIENTS	340	303
Out-Patient Treatments	4,849	4,339
House-Patient Treatments	3,322	3,155
TOTAL NUMBER OF TREATMENTS	8,171	7,494
Average No. Treatments per Patient		12
<u>Superficial X-Ray Treatments</u>		
140 KV	144	212
100 KV		
Out-Patient Treatments	1,029	1,083
House-Patient Treatments	37	43
TOTAL NUMBER OF TREATMENTS	1,066	1,126
<u>Phillips Contact Treatments</u>	80	54
<u>Radium</u>		
Total Number of Treatments	252	202
New Patients Treated	171	157
<u>Radon</u>		
Total Number of Treatments	216	233
New Patients Treated	45	25
<u>Radioactive Iodine</u>		
Total Number Tracer Studies & Treatments	337	708
Number New Patients Given Tracer Study	249	510
Number Patients Given Repeat Tracer Study	49	198
Number New Patients Given Treatment	28	46
Number Patients Given Retreatment	11	76
Total Number Millicuries Used for Treatment	599.2	2,722.6

SOCIAL SERVICE DEPARTMENT

Statistical Report

<u>Total Number of Cases Handled by the Department</u>	11,747
Medical Social Service Cases	9,980
Psychiatric Social Service Cases	1,767

Classification of Cases

	<u>Medical</u>	<u>Psychiatric</u>
Recorded	1,465	1,767
Summarized	5,435	
Courtesy	3,080	
Total Average per Worker (Medical)	1,109	
Total Average per Worker (Psychiatric)	541	
(Child Psychiatry Worked Through Dec. 4)		

STAFF

Total	19
Director	1
Supervisors	2
Medical Social Workers	9
Psychiatric Social Workers	4
Clerical	3

STUDENTS (From Oct. 1, 1950 to June 10, 1951)

Medical Social Work	4
Psychiatric Social Work	6

COMPARATIVE TWELVE-MONTHS REPORT

WAITING LIST

SERVICE	1945-46	1946-47	1947-48	1948-49	1949-50	1950-51
Male Surgery	7	16	88	106	20	46
Female Surgery	9	14	43	61	26	39
Neurosurgery	1	0	8	0	2	4
White Surgery	1	5	10	2	3	0
Plastic Surgery	12	9	1	4	8	3
Purple Surgery	1	0	10	6	12	0
Yellow Surgery	0	0	0	9	7	0
Blue Surgery	0	0	0	0	4	0
Urology	2	20	65	60	34	37
Tumor	0	0	0	0	0	8
Orthopedic Pediatrics	1	4	8	13	7	12
Reconstruction Pediatrics	6	6	8	0	0	0
Surgery Pediatrics	0	0	8	12	4	1
Urology Pediatrics	0	0	2	0	0	1
Orthopedics	29	21	18	0	14	14
Chest	0	0	0	0	1	0
Medicine	3	6	7	2	12	12
Neurology	0	0	58	47	105	47
Neurology (Pediatric)	0	0	0	0	1	1
Psychiatry	7	22	2	10	12	11
Psychiatry Pediatric	0	0	0	16	3	0
Dermatology	2	20	4	14	0	15
Pediatrics	3	6	6	6	6	1
Ophthalmology	9	11	0	0	0	0
Ophthalmology Pediatrics	8	0	0	0	0	0
Tonsils & Adenoids	4	0	0	0	0	0
TOTALS	105	160	346	368	281	252

II. INTERNS - 1951-52 - UNIVERSITY OF MINNESOTA HOSPITALS

MEDICINE

Anderson, Donald Albert	University of Chicago
Burroughs, Robert Walter	Cornell University
Carey, James R., Jr.	University of Minnesota
Datesman, Robert Wallace	University of Pennsylvania
Donohue, Dennis Monroe, Jr.	University of Washington
Evans, Douglas C.	University of Utah
Goepfert, Mary	University of Minnesota
Lederer, Wolfgang	University of Rochester
May, Harold Louis	Harvard Medical School
Walker, Harry Charles, Jr.	Medical College of Virginia

OBSTETRICS & GYNECOLOGY

Diamond, Leon	University of Louisville
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PEDIATRICS

Balken, John B.	Washington University, St. Louis
Cumming, E. Dale	University of Minnesota
Drake, Elizabeth F.	University of Vermont
Gauchat, Robert D.	Harvard Medical School
Good, Thomas A.	University of Minnesota
Hunt, Margaret Ann	Washington University, St. Louis
Ling, Julia	Columbia University, College of Physicians & Surgeons
Lyman, Margaret S.	Yale University
Nyhus, Ralph E.	University of Minnesota
Pew, Wilmer L.	University of Minnesota
Worthen, Howard G.	Northwestern University

SURGERY

Ansell, Julian S.	Tufts Medical College
Chandler, Howard C.	Emory University
Chung, King-Tieng	University of Santo Tomas, Manila
	University of California
Dunlevy, James H.	Washington University, St. Louis
Hankinson, Hazen	University of Alberta, Canada
Mowlem, Albert	Yale University
Ring, Dean M.	State University of Iowa

III. FELLOWS - As of July 1, 1951

UNIVERSITY OF MINNESOTA HOSPITALS

<u>Name</u>	<u>Service</u>	<u>Name</u>	<u>Service</u>
Adams, Paul	Pediatrics	Katz, Benjamin	Pediatrics
Alexander, Carl	Medicine	Kehm, Vincent	Anesthesia
Atnikov, Murray	Anesthesia	Kelly, William	Surgery
Berris, Harold	Neurology	Kochsiek, Robert	Surgery
Blank, Leo	Radiology	Koller, Robert	Otolaryngology
Buckley, Joseph	Anesthesia	Krafchuk, John D.	Dermatology
Burmeister, Richard	Anesthesia	Kremen, Isadore	Ophthalmology
Campbell, Gilbert	Surgery	Krumbach, Ronald W.	Urology
Cardenas, Alberto	Obstetrics & Gynecology	Lasater, Gene	Neurology
Chalian, Alexander R.	Anesthesia	Logothetis, John A.	Neurology
Chou, Shelley	Neurosurgery	Lowry, Jeanette	Medicine
Cohen, Morley	Surgery	Luth, Duncan V.	Anesthesia
Cole, Leon	Medicine	MacDonald, John W.	Radiology
Cooper, Robert	Ophthalmology	MacLean, Lloyd	Surgery
Cross, Frederick	Surgery	Mahon, Nathan H.	Anesthesia
Daggett, Donald	Psychiatry	Maloney, William	Medicine
Delancy, Herman	Surgery	Marrone, Patrick	Anesthesia
Diefenbach, Eugene	Obstetrics & Gynecology	Marshall, Maurice	Radiology
Disenhouse, Robert	Pediatrics	Mason, Edward	Surgery
Dobkin, Allen B.	Anesthesia	Miller, Fletcher	Surgery
Dugger, James	Pediatrics	Montero, Jose	Physical Medicine
Engels, Edward P.	Radiology	Mosser, Donn G.	Radiology
Enquist, Irving	Surgery	Muller, John	Surgery
Erwin, Paul	Surgery	Noonan, Timothy	Surgery
Escudero, Carlos	Anesthesia	Novick, Rosalind	Pediatrics
Feferman, Martin	Neurosurgery	Nunez, Angelica	Anesthesia
Ferguson, Donald	Surgery	Ogden, Henry S.	Radiology
Field, Charles W.	Anesthesia	Olson, Burton	Ophthalmology
Fraser, Robert	Medicine	Orme, Harry	Pediatrics
Frick, Paul	Medicine	Palmerton, Ernest	Ophthalmology
Gengler, Norman	Anesthesia	Peltier, Leonard	Surgery
Gladman, Richard	Anesthesia	Perry, John F.	Surgery
Gunderson, Gunnar	Radiology	Patrick, Thomas J.	Obstetrics & Gynecology
Haddy, Theresa	Pediatrics	Prem, Konald A.	Obstetrics & Gynecology
Haines, Gerald	Neurosurgery	Quiggle, Arthur B.	Physical Medicine
Hakanson, Erick Y.	Obstetrics & Gynecology	Raffucci, Francisco	Surgery
Hammerstrom, Robert	Surgery	Rauch, Robert	Surgery
Hanna, Richard E.	Anesthesia	Regan, John J.	Psychiatry
Hansen, William	Surgery	Reiser, Milton P.	Urology
Hitchcock, Claude	Surgery	Riordan, John	Anesthesia
Hodes, Richard S.	Anesthesia	Ripple, Rudolph .	Anesthesia
Huelskamp, Theresa	Pediatrics	Sako, Yoshio	Surgery
Janda, George W.	Obstetrics & Gynecology	Schaar, Frances	Pediatrics

<u>Name</u>	<u>Service</u>	<u>Name</u>	<u>Service</u>
Schmid, Rudi	Medicine	Tauber, Allan	Urology
Sheeley, William	Psychiatry	Teberg, Mary	Psychiatry
Simmons, Daniel	Medicine	Toon, Robert	Surgery
Smillie, John	Ophthalmology	Traub, Sidney	Radiology
Smith, Richard	Pediatrics	Tucker, Jolyon	Neurology
Sorrentino, Raefal	Surgery	Vitols, Theodore	Surgery
Spellman, Mitchell	Surgery	Von Drashek, Stanley	Radiology
Stack, Bernard	Anesthesia	Wall, James O.	Obstetrics & Gynecology
Stansbury, Thomas	Radiology	Warden, Herbert	Surgery
Sterrie, Norman	Pediatrics	Wise, Robert	Medicine
Stewart, Charles	Pediatrics	Younger, Ian	Otolaryngology
Szakalun, Lawrence W.	Anesthesia	Zimmerman, Bernard	Surgery

IV. MEDICAL SCHOOL NEWS

Coming Events

- October 8 - Medical School Faculty Dinner; Main Ballroom, Coffman Memorial Union, 6:30 p.m.
- October 11 - Special Lecture, "The National Health Service in Great Britain," Sir Alan Rook, Senior Health Officer, Cambridge University Health Services, Cambridge, England; Owre Hall (Medical Science Amphitheater); 4:30 p.m.
- October 17 - Annual Journal-Lancet Lecture; "Integrated Functions of the Adrenal Cortex," Dr. Edgar S. Gordon, Associate Professor of Medicine, University of Wisconsin Medical School; Medical Sciences Amphitheater; 8:15 p.m.
- October 17 - Continuation Course in Corticotropin and Cortisone for General Physicians.
- October 18-20- Continuation Course in Diseases of the Chest for General Physicians.

Welcome

As a new academic year opens we wish to extend a warm greeting to all students, faculty, alumni, and friends of the College of Medical Sciences. A special welcome is extended to those students just entering the Medical School. For them the year is certain to be busy. We hope that it will also be stimulating and satisfying.

The new members of our teaching and research staff are welcomed as colleagues in the task of advancing medical education, research, and service. We take pride in the past accomplishments of the institution and look forward to a bright future which we are happy to share with you.

New members of the clinical departments we welcome to the staff of the University of Minnesota Hospitals. We cherish the tradition that in our hospital all patients are treated with courtesy and understanding regardless of economic circumstances. We ask you to help us preserve this tradition.

Finally, we invite everyone to join the Minnesota Medical Foundation and participate in its expanding program. This year, the Foundation is awarding ten five-hundred dollar scholarships to undergraduate medical students. It is supporting new student activities and an increasing research program. We invite everyone who is not already a member to join with us as we begin a new year.

Medical School Faculty Dinner

The Medical School Faculty Dinner will be held at 6:30 p.m. on Monday, October 8. This meeting, in which the entire College of Medical Sciences faculty gathers as one big family, has traditionally served as an opportunity in which the progress of the Medical School could be reviewed and objectives for the future defined.

This year, Dean Harold S. Diehl will report on the progress of the Mayo Memorial Building and other projects of this part of the University. A unique feature of this year's faculty dinner will be the presentation by the University of Outstanding Achievement Awards to 15 distinguished alumni of the College of Medical Sciences. President James L. Morrill will make the presentations for the University and will speak on the "National Significance of the University's Medical Programs." Recipients of the awards include 13 doctors and 2 nurses.

Dr. E. T. Bell, Professor Emeritus of Pathology, third speaker on the program, will pay a special tribute to Dean Diehl and will present him with a gift from the faculty.

V. UNIVERSITY OF MINNESOTA MEDICAL SCHOOL
WEEKLY CALENDAR OF EVENTS

Physicians Welcome

October 8 - 13, 1951

Monday, October 8

Medical School and University Hospitals

- 9:00 - 9:50 Roentgenology-Medicine Conference; L. G. Rigler, C. J. Watson and Staff; Todd Amphitheater, U. H.
- 9:00 - 10:50 Obstetrics and Gynecology Conference; J. L. McKelvey and Staff; M-109, U. H.
- 10:00 - 12:00 Neurology Rounds; A. B. Baker and Staff; Station 50, U. H.
- 11:00 - 12:00 Cancer Clinic; K. Stenstrom and A. Kremen; Eustis Amphitheater, U. H.
- 12:15 - 1:20 Obstetrics and Gynecology Journal Club; Staff Dining Room, U. H.
- 12:30 - Physiology Seminar; 214 Millard Hall.
- 1:30 - 2:30 Pediatric-Neurological Rounds; R. Jensen, A. B. Baker and Staff; U. H.
- 4:30 - 5:30 Dermatological Seminar; M-346, U. H.
- 5:00 - 5:50 Clinical Medical Pathologic Conference; Todd Amphitheater, U. H.
- 5:00 - 6:00 Urology-Roentgenology Conference; C. D. Creevy, O. J. Baggenstoss, and Staff; Powell Hall Amphitheater.
- *6:30 p.m. Medical School Faculty Dinner; Main Ballroom, Coffman Memorial Union.

Minneapolis General Hospital

- 7:30 a.m. Fracture Grand Rounds; Dr. Zierold, Station A.
- 9:30 - Pediatric Rounds; Dr. Platou; 7th Floor Annex.
- 12:30 p.m. Surgery Grand Rounds; Dr. Zierold; Station E.
- 1:00 - 2:00 X-ray Conference; Classroom, 4th Floor.

Veterans Administration Hospital

- 9:00 - G. I. Rounds; R. V. Ebert, J. A. Wilson, Norman Shrifter; Bldg. I.
- 11:30 - X-ray Conference; Conference Room; Bldg. I.
- 1:00 - Metabolic Disease Rounds; N. E. Jacobson and G. V. Loomis; Bldg. I.

Tuesday, October 9

Medical School and University Hospitals

- 8:30 - Conference on Diet Endocrines and Cancer; M. B. Visscher; Physiology Library.
- 9:00 - 9:50 Roentgenology-Pediatric Conference; L. G. Rigler, I. McQuarrie and Staffs; Eustis Amphitheater, U. H.
- 9:00 - 12:00 Cardiovascular Rounds; Station 30, U. H.
- 12:30 - 1:20 Pathology Conference; Autopsies; J. R. Dawson and Staff; 102 I. A.
- 12:30 - Selected Topics, Permeability and Metabolism; Nathan Lifson; Physiology Library.
- 3:15 - 4:20 Gynecology Chart Conference; J. L. McKelvey and Staff; Station 54, U. H.
- 4:00 - 5:00 Pediatric Rounds on Wards; I. McQuarrie and Staff; U. H.
- 4:00 - 5:00 Physiology-Surgery Conference; Todd Amphitheater, U. H.
- 4:00 - 5:00 Electrocardiographic Conference; EKG Laboratory, 6th Floor, U. H.
- 5:00 - 6:00 X-ray Conference; Presentation of Cases by University Hospitals Staff; Eustis Amphitheater, U. H.

Ancker Hospital

- 8:00 - 9:00 Fracture Conference; Auditorium.
- 1:00 - 2:30 X-ray Surgery Conference; Auditorium.

Minneapolis General Hospital

- 8:00 - Pediatric Rounds; Dr. Gibbs; 5th Floor Annex.
- 10:00 - Psychiatric Grand Rounds; J. C. Michael and Staff; 3rd Floor Annex.

Veterans Administration Hospital

- 8:30 - Surgery Staff Seminar; Conference Room, Bldg. I.
- 9:30 - Surgery-Pathology Conference; Conference Room, Bldg. I.
- 1:00 - Surgery Chest Conference; T. Kinsella and Wm. Tucker; Conference Room, Bldg. I.
- 1:30 - Liver Rounds; Samuel Nesbitt.
- 2:00 - 2:50 Dermatology and Syphilology Conference; H. E. Michelson and Staff; Bldg. III.
- 3:30 - 4:20 Autopsy Conference; E. T. Bell and Donald Gleason; Conference Room, Bldg. I.

Wednesday, October 10

Medical School and University Hospitals

- 8:00 - 8:50 Surgery Journal Club; O. H. Wangensteen and Staff; M-109, U. H.
- 8:00 - 9:00 Roentgenology-Surgical-Pathological Conference; Allen Judd and L. G. Rigler; Todd Amphitheater, U. H.
- 11:00 - 12:00 Pathology-Medicine-Surgery Conference; Medicine Case; O. H. Wangensteen, C. J. Watson and Staffs; Todd Amphitheater, U. H.
- 1:30 - Conference on Circulatory and Renal Systems Problems; M. B. Visscher; Physiology Library.
- 5:00 - 5:50 Urology-Pathological Conference; C. D. Creevy and Staff; Eustis Amphitheater, U. H.
- 5:00 - 7:00 Dermatology Clinical Seminar; Dining Room, U. H.
- 7:00 - 8:00 Dermatology Journal Club; Dining Room, U. H.
- 8:00 - 10:00 Dermatological-Pathology Conference; Review of Histopathology Section; Robert Goltz; Todd Amphitheater, U. H.

Ancker Hospital

- 8:30 - 9:30 Clinico-Pathological Conference; Auditorium.
- 3:30 - 4:30 Journal Club; Surgery Office.

Minneapolis General Hospital

- 9:30 - Pediatric Rounds; Dr. Platou; 7th Floor Annex.
- 12:00 p.m. Surgery Seminar; Dr. Zierold; Classroom.
- 12:15 - Staff Meeting; 5th Floor Annex.
- 1:30 - Pediatric Rounds; Dr. Huenekens and Dr. Ulstrom; 5th Floor Annex.

Veterans Administration Hospital

- 8:30 - 10:00 Orthopedic X-ray Conference; Conference Room, Bldg. I.
- 8:30 - 12:00 Neurology Rehabilitation and Case Conference; A. B. Baker.
- 2:00 - 4:00 Infectious Disease Rounds; 8th Floor.
- 4:00 - 5:00 Infectious Disease Conference; Classroom, 8th Floor.
- 7:00 p.m. Lectures in Basic Science of Orthopedics; Conference Room, Bldg. I.

Thursday, October 11

Medical School and University Hospitals

- 9:00 - 9:50 Medicine Case Presentation; C. J. Watson and Staff; M-109, U. H.
- 10:00 - 11:50 Medicine Ward Rounds; C. J. Watson and Staff; E-221, U. H.
- 12:30 - Physiological Chemistry Seminar; 214 Millard Hall.
- 11:00 - 12:00 Cancer Clinic; K. Stenstrom and A. Kremen; Todd Amphitheater, U. H.
- 3:30 - 4:00 Cardiology X-ray Conference; Heart Hospital Theater.
- 4:30 - 5:20 Ophthalmology Ward Rounds; Erling W. Hansen and Staff; E-534, U. H.
- *4:30 p.m. Special Lecture: "The National Health Service in Great Britain"; Sir Alan Rook, Senior Health Officer, Cambridge University Health Service Cambridge, England; Owre Hall Amphitheater (Medical Science Amphitheater).
- 5:00 - 6:00 X-ray Seminar; Report of Meeting of the American Roentgen Ray Society; Eustis Amphitheater, U. H.
- 7:30 - 9:30 Pediatric Cardiology Conference and Journal Club; Review of Current Literature 1st hour and Review of Patients 2nd hour; 206 Temporary West Hospital.

Minneapolis General Hospital

- 8:00 - Pediatric Rounds; Dr. Gibbs, 5th Floor.
- 8:30 - Neurology Rounds; Dr. Heilig, 4th Floor Annex.
- 9:00 - Neurology Grand Rounds; J. C. Michael and Staff; Station A.
- 11:30 - Pathology Conference; Main Classroom.
- 1:00 - 2:00 EKG and X-ray Conference; Dr. Zierold, Classroom, 4th Floor Annex.
- 2:00 - Psychiatry Rounds; Dr. Benton; 4th Floor Annex.

Veterans Administration Hospital

- 8:00 - Surgery Ward Rounds; Lyle Hay and Staff; Ward 11.
- 9:15 - Surgery Grand Rounds; Conference Room, Bldg. I.
- 11:00 - Surgery Roentgen Conference; Conference Room, Bldg. I.

Friday, October 12

Medical School and University Hospitals

- 8:30 - 10:00 Neurology Grand Rounds; A. B. Baker and Staff; Station 50, U. H.
- 9:00 - 9:50 Medicine Grand Rounds; C. J. Watson and Staff; Todd Amphitheater, U.H.

Friday, October 12 (Cont.)

Medical School and University Hospitals (Cont.)

- 10:00 - 11:50 Medicine Ward Rounds; C. J. Watson and Staff; E-221, U. H.
- 10:30 - 11:50 Otolaryngology Case Studies; L. R. Boies and Staff; Out-Patient Department, U. H.
- 1:00 - 2:50 Neurosurgery-Roentgenology Conference; W. T. Peyton, Harold O. Peterson and Staff; Todd Amphitheater, U. H.
- 2:00 - 3:00 Dermatology and Syphilology Conference; Presentation of Selected Cases of the Week; H. E. Michelson and Staff; W-312, U. H.
- 3:00 - 4:00 Neuropathological Conference; F. Tichy; Todd Amphitheater, U. H.
- 4:00 - 5:00 Dermatology Seminar; W-312, U. H.
- 4:00 - Neurophysiology Seminar; Ernst Gellhorn; 113 Owre Hall, Medical Science Bldg.
- 4:00 - 5:00 Vascular Rounds; Davitt Felder and Staff members from the departments of Medicine, Surgery, Physical Medicine, and Dermatology; Eustis Amphitheater, U. H.

Ancker Hospital

- 1:00 - 3:00 Pathology-Surgery Conference; Auditorium.
- 11:00 - Pediatric-Surgery Conference; Dr. Wyatt, Dr. F. Adams; Classroom, Station I.
- 12:00 p.m. Surgery-Pathology Conference; Dr. Zierold, Dr. Coe; Classroom.

Veterans Administration Hospital

- 10:30 - 11:20 Medicine Grand Rounds; Conference Room, Bldg. I.
- 1:00 - Microscopic-Pathology Conference; E. T. Bell; Conference Room, Bldg. I.
- 1:30 - Chest Conference; Wm. Tucker and J. A. Meyers; Ward 62, Day Room.
- 3:00 - Renal Pathology; E. T. Bell; Conference Room, Bldg. I.

Saturday, October 13

Medical School and University Hospitals

- 7:45 - 8:50 Orthopedic X-ray Conference; Wallace H. Cole and Staff; M-109, U. H.
- 9:00 - 9:50 Medicine Case Presentation; C. J. Watson and Staff; E-221, U. H.
- 9:00 - 10:30 Pediatric Grand Rounds; I. McQuarrie and Staff; Eustis Amphitheater, U. H.

Saturday, October 13 (Cont.)

Medical School and University Hospitals (Cont.)

- 9:15 - 10:00 Surgery-Roentgenology Conference; J. Friedman, O. H. Wangenstein and Staff; Todd Amphitheater, U. H.
- 10:00 - 11:30 Surgery Conference; Anterior Resection for Cancer of the Rectum; Charles Mayo; Todd Amphitheater, U. H.
- 10:00 - 11:50 Medicine Ward Rounds; C. J. Watson and Staff; E-221, U. H.
- 10:00 - 12:50 Obstetrics and Gynecology Grand Rounds; J. L. McKelvey and Staff; Station 44, U. H.
- 11:30 - 12:30 Anatomy Seminar; Some Aspects of Ultrastructure in the Fetal Nervous System; J. F. Hartmann: An Anatomic Classification of Hypoxia; Dennis J. Kane; 226 Institute of Anatomy.

Minneapolis General Hospital

- 8:00 - Pediatric Rounds; Dr. Gibbs; 5th Floor.
- 11:00 - 12:00 Pediatric Clinic; Dr. Thomas and Dr. Good; Classroom, 7th Floor Annex.

Veterans Administration Hospital

- 8:00 - Proctology Rounds; W. C. Bernstein and Staff; Bldg. III.
- 8:30 - Hematology Rounds; P. Hagen and E. F. Englund.

* Indicates special meeting. All other meetings occur regularly each week at the same time on the same day. Meeting place may vary from week to week for some conferences.