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Minnesota University Hospitals.
Staff Meeting Bulletin
Hospitals of the » » »
University of Minnesota

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Hospitals Report
1941-1943

STAFF MEETING BULLETIN
HOSPITALS OF THE . . .
UNIVERSITY OF MINNESOTA

Volume XV

Friday, October 1, 1943

Number 1

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William A. O'Brien, M.D.

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UNIVERSITY OF MINNESOTA
Minneapolis

Dean of the Medical Sciences

October 1, 1943

TO THE STAFF OF THE UNIVERSITY HOSPITALS:

Greetings to all at the beginning of another "academic year." I put "academic year" in quotation marks because with medical classes continuously in session and with groups of Army and Navy students arriving and leaving the campus at various times, the concept of an "academic year" is largely a thing of the past.

Of the activities of the University Hospitals there is one, at least, that I hope we can continue on normal schedule; that is, this program of weekly staff meetings at which important problems and significant activities of the various divisions of the hospital are presented and discussed. These meetings and discussions are an important factor in maintaining the hospital as an effective functioning unit. In times of stress and pressure such meetings assume increased importance. It is my hope that their excellent quality and their influence will continue unimpaired.

The development of the war with the accompanying demands for medical officers, for medical research, for the services of faculty members as consultants in various medical and health fields, for the acceleration and expansion of medical, nursing, and technological training, combined with unprecedented shortages in all grades and types of hospital personnel is creating many difficult and increasingly serious problems for our hospitals.

Internship and residency programs will be modified in order to release interns and residents for military service as early as possible and to provide a better distribution and balance of resident staffs among the civilian hospitals. To accomplish this the Directing Board of the Procurement and Assignment Service and the Surgeon Generals of the Army and of the Navy have approved the following program: All physically qualified interns and residents are to be commissioned in the Army, Navy, or Public Health Service, with those declared essential by the Procurement and Assignment Service being granted deferment of active duty until the termination of current appointments; internships to be reduced to nine months with deferment of active duty for one-third of the commissioned interns for a second nine-months period and deferment for one-half of this group for a third nine-months period.

In carrying out this program some reduction in the number of interns and residents will be required for hospitals, such as our own, which have had relatively large intern and resident staffs.

Student nurses are being recruited and trained for war service as nursing cadets under a program authorized by the last session of Congress and administered by the U. S. Public Health Service. The length of this training program is six months shorter than the normal nursing course, with students serving during this last six months period as senior cadets in one of the military services or in civilian hospitals. This program is of great interest not only because of its present potentialities but also because of its possible influence on the future of nursing education. Applications for admission to the University School of Nursing under this program are far exceeding expectations.

Graduate nurses who are serving as instructors, supervisors, and staff nurses are being withdrawn from civilian hospitals in increasing numbers for military service. This places heavy burdens on those who remain and seriously impairs the normal functioning of the hospital.

Student medical and x-ray technicians although not included in any subsidized federal program are both essential and scarce. To help meet this situation our own Division of Medical Technology is doing everything possible to build up enrolment of students in this important field. Graduate technicians, just as graduate nurses, are at a premium, and a number of staff vacancies exist.

The professional medical staff of the hospital is carrying such a heavy schedule of teaching, medical care, and other war service that only a deep loyalty and unending devotion to duty enables them to carry on in the efficient manner that they are doing. We have tried conscientiously to reduce our staff to the minimum necessary to carry our various war time obligations and responsibilities. The results will be a continuing and increasingly heavy load for those who remain. With medical and nursing schools and hospitals definitely classified by the War Manpower Commission as war agencies, those who render essential service in these institutions are making just as great, and in many instances a much greater, contribution than they could make if they were to enter active military service. This is recognized in Washington and should be understood and appreciated at home. To these - whether they be physicians, nurses, technicians, or other hospital staff members - is due great credit, much more certainly than they will ever receive.

The year ahead will be a difficult one. Shortages of professional, technical, clerical and service staffs will become more acute. To accommodate this, teaching, service and research procedures will have to be reduced to minimum essentials, and heavier schedules, longer hours, and exceptional patience, consideration and good nature will be required of everyone.

On the wall of the office of an Air Corps officer in Washington recently I saw this statement: "The difficult we do immediately: the impossible takes just a little longer."

With this spirit our hospital staff has been carrying on and will continue to meet the problems and responsibilities of the future.

Harold S. Diehl

Dean

I. ANNOUNCEMENTS

1. NEW APPOINTMENTS

Ernest Gellhorn, Professor of Neurophysiology

Ruth E. Grout, Associate Professor of Preventive Medicine and Public Health

Harlan G. Wood, Associate Professor of Physiology

Berry Campbell, Assistant Professor of Anatomy and Pediatrics

John T. Litchfield, Jr., Assistant Professor of Pharmacology

Anne B. Riebeth, Assistant Professor of Bacteriology

Charlotte Henry, Assistant Professor of Social Work and Director of Psychiatric Social Work in Neuro-psychiatry

James B. Arey, Instructor in Pathology

Solveig M. Bergh, Instructor in Radiology and Physical Therapy

Charlotte Buhler, Instructor in Neuropsychiatry

Leo C. Culligan, Clinical Instructor in Surgery

Robert W. Holmen, Clinical Instructor in Otolaryngology

Curtis J. Lund, Instructor in Obstetrics and Gynecology

Walch, A. E., Clinical Assistant Professor

Ylvisaker, R. S., Clinical Assistant Professor

NEUROPSYCHIATRY

Hannah, Hewitt B., Clinical Assistant Professor

Whitmore, Frank W., Clinical Associate Professor

OBSTETRICS AND GYNECOLOGY

McLennan, Charles E., Associate Professor

Rogers, George E. B., Instructor

OPHTHALMOLOGY AND OTOLARYNGOLOGY

Haven, W. K., Clinical Instructor

PREVENTIVE MEDICINE AND PUBLIC HEALTH

Emerson, Haven, Visiting Professor

SURGERY

Anderson, James K., Clinical Assistant Professor

Bernstein, William C., Clinical Instructor

Dennis, Clarence, Associate Professor

Hall, Harry, Clinical Instructor

Kinsella, Thomas, Clinical Associate Professor

Knight, Ralph T., Clinical Professor

Leven, N. Logan, Clinical Associate Professor

MacKinnon, Donald, Clinical Instructor

Regnier, Edward, Clinical Associate Professor

White, Willard D., Clinical Assistant Professor

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2. PROMOTIONS

ANATOMY

Reiff, Dorothy, Instructor

MEDICINE

Blumenthal, J. S., Clinical Instructor

Hoffbauer, F. W., Assistant Professor

Laymon, C. W., Clinical Associate professor

II. ATTENDING STAFF -- 1943-1944

ADMINISTRATION

Amberg, Ray M.
 Bruce, Hallie
 Corliss, Ione
 Gilman, Gertrude
 Hamilton, Hiram F.
 Lucier, Frances
 Klein, William K.
 Kurtzman, Dorothy
 McHugh, Margaret
 Money, Frances M.
 Nesbitt, Zula P.
 Thomas, Gertrude

ANESTHESIOLOGY

Knight, Ralph T.
 Cole, Frank
 Greisheimer, Esther M.

DENTISTRY

Waldron, Carl W.
 Cohen, Joseph T.
 Dostal, Donald W.
 Gormican, Marjorie
 Nielsen, Olaf
 Peterson, Ralph

DERMATOLOGY

Michelson, Henry E.
 Cumming, Harry
 Fredricks, Morriam G.
 Kendall, Rodney
 Laymon, Carl W.
 Lynch, Francis W.
 Madden, John F.
 Rusten, Elmer M.
 Winer, Louis H.

LABORATORIES

Evans, Gerald T.
 Adkins, Douglas
 Bratrud, Theodore
 Carlson, Eunice
 Eckles, Nylene
 Flink, E. B.
 Garst, Josephine
 Hessburg, Lorraine
 Hoiland, Lucille

James, Ellerty
 King, Mildred
 Latts, Lois
 Lillygren, Marcella
 McCartney, J. S.
 Milner, Betty
 Moeglein, Alice
 Olander, Margaret
 Pottner, Mary
 Rietz, Jane
 Rogalsky, Erika
 Ryan, Mary
 Springer, Babbette
 Stuurmans, S. H.
 Wendt, Helen

MEDICINE

Watson, Cecil J.
 Aagaard, George N.
 Anderson, Karl W.
 Andresen, Karl d'A.
 Blumenthal, Jacob S.
 Boehrer, John J.
 Carey, James
 Fahr, George E.
 Flink, Edmund B.
 Gordon, Sewell
 Hall, Wendell H.
 Herrmann, Edgar T.
 Hoffbauer, Frederick W.
 Hoffman, Max H.
 Johnson, Reuben A.
 Kerkhof, Arthur C.
 Levitt, George X.
 Lowry, Thomas
 Moen, Johannes K.
 Myers, J. Arthur
 Scherer, Leslie R.
 Shapiro, Morse J.
 Smith, Adam M.
 Skubi, Kazimer B.
 Spink, Wesley W.
 Ulrich, Henry L.
 Wetherby, Macnider
 White, S. Marx
 Ylvisaker, Ragnvald S.

NEUROPSYCHIATRY

McKinley, J. Charnley
 Baker, Abe B.
 Clarke, Eric Kent
 Cottrell, Lillian
 Crook, G. Hamilton

NEUROPSYCHIATRY (Cont.)

Duren, Mary
 Hannah, Hewitt B.
 Hathaway, Starke R.
 Hultkrans, Joel
 Hunt, Howard F.
 Jensen, Reynold A.
 Meehl, Paul E.
 Meller, Robert
 Noran, Harold H.
 Schiele, Burtrum C.
 Trommald, Gladys B.

NEUROSURGERY

Peyton, William T.
 Levin, Jules D.
 Scott, Horace

OBSTETRICS AND GYNECOLOGY

McKelvey, John L.
 Bellville, Titus
 Freidman, Louis
 Hartley, E. C.
 Hudson, George E.
 LaVake, Rae T.
 Lund, Curtis F.
 McLennan, Charles E.
 Meyer, Robert
 Rogers, George
 Stowe, Lyman

ORTHOPEDICS

Cole, Wallace H.
 Hall, Harry B.
 Nydahl, Malvin

OPHTHALMOLOGY AND OTOLARYNGOLOGY

Burch, Frank E.
 Boles, Lawrence R.
 Camp, Walter
 Hansen, Erling W.
 Horns, Richard
 Koch, Ferdinand L. R.
 McCannel, Malcolm
 McElmeel, Eugene
 Movius, William
 Sjoding, Donald
 Stanford, Charles
 Tangen, George M.
 Tracht, Robert R.

PEDIATRICS

McQuarrie, Irvine
 Adams, John M.
 Beach, Northrop
 Bergan, Robert Otto
 Booth, Marguerite
 Bryngelson, Bryng
 Clarke, Eric K.
 Crook, G. Hamilton
 Duren, Mary
 Dwan, Paul F.
 Hansen, Arild E.
 Jensen, Reynold
 Mickelsen, Emma F.
 Miller, Erma
 Novo, Jose Alfredo
 Pennoyer, Miriam Mellon
 Platou, Erling S.
 Shaperman, Eva
 Stoesser, Albert V.
 Wert, Alvin
 Wiese, Hilda
 Ziegler, Mildred R.

RADIOLOGY AND PHYSICAL THERAPY

Rigler, Leo G.
 Bergh, Solveig
 Bixler, Louis C.
 Kaplan, Henry
 Kelby, Gjert
 Knapp, Miland E.
 Marvin, James
 Merner, T. B.
 Ould, C. L.
 Peterson, Harold O.
 Stenstrom, Karl W.
 West, Catherine C.

SURGERY

Wangensteen, Owen H.
 Anderson, James K.
 Bayard, Harry F.
 Bratrud, Arthur F.
 Campbell, Orwood J.
 Christiansen, Harry W.
 Dennis, Clarence
 Hanson, William A.
 Lamin, Bernard
 Leven, N. Logan
 McKinney, Frank S.
 Merendino, K. Alvin A.
 Rice, Carl O.
 State, David
 Varco, Richard L.

STUDENTS' HEALTH SERVICEFull-Time

Boynton, Ruth E.
 Cottrell, Lillian
 Cowan, Donald W.
 Hinckley, Robert G.
 Kernan, Phillip D.
 Lima, Ludvig K.
 Todd, Ramona L.
 Weaver, Myron M.

Part-time

Andresen, Karl
 Boies, L. R.
 Boreen, C. A.
 Campbell, O. J.
 Christiansen, H. W.
 Daniel, L. M.
 Duryea, Marbry
 Edwards, Thomas J.
 Fuller, Alice
 Hall, Harry
 Hanson, William A.
 Hastings, D. L.
 Hauser, George W.
 Holmen, Robert
 Holt, John E.
 Kugler, A. A.
 Lynch, Francis W.
 McKinlay, C. A.
 McLennon, Margaret
 Myers, J. A.
 Potthoff, C. J.
 Schmidt, Mary
 Stanford, Charles E.
 Tangen, George
 Vik, A. Elliott
 Walch, A. E.
 Winer, L. H.
 Winther, Nora
 Tangen, George

DENTISTRY

Dale, John S.
 Garmers, H. A.
 Hanson, William F.
 Ingebrightsen, L. M.
 Lusk, Myron E.
 Miska, Fred J.
 Radtke, A. W.
 Solheim, Arthur
 Tegner, J. D.

UROLOGY

Creevy, Charles D.
 Meland, Ernest L.
 Roach, Frank X.
 Soderlind, Ragnar T.
 Stahr, Aubrey
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III. INTERNS - 1943-44

Robert A. Huseby, Minneapolis, Minnesota
 B.S., '40, University of Minnesota
 M.A. (Anatomy) '41, University of
 Minnesota
 Rotating

Albert Canfield, Minneapolis, Minnesota
 B.A., '38, University of Minnesota
 B.M., '42, University of Minnesota
 Medicine & Surgery

Aaron A. Cohen, Spivak, Colorado
 A.B., '35, Harvard University
 M.D., '39, Johns Hopkins School of
 Medicine
 Medical Intern

Louis E. Sigler, Jr., Ann Arbor,
 Michigan
 B.S., '40, University of Michigan
 M.D., '43, University of Michigan
 Rotating Intern

Robert W. Emmons, Lapaz, Indiana
 B.S., '40, Indiana University
 M.D., '42, Indiana University
 Rotating Intern

William S. Chalgren, Minneapolis, Minn.
 B.S., '39, University of Minnesota
 Rotating Intern

Julian R. B. Knutson, St. Cloud, Minn.
 B.S., '39, St. John's University
 Medical Intern

Arnold H. Kadish, Detroit, Michigan
 B.A., '39, Wayne University
 B.M., '43, Wayne University
 Rotating Intern

John Bruce Balken, Salt Lake City, Utah
 A.B., '39, University of Utah
 Rotating Intern

Paul S. Blake, Hopkins, Minnesota
 B.S.M., '42, University of Minnesota
 B.M., '43, University of Minnesota
 Rotating Intern

Roy F. Drake, Kansas City, Missouri
 B.S., '39, Stetsan University,
 DeLand, Florida
 Rotating Intern

Jack M. Mosely, Monroe, Louisiana
 B.S., '39, Louisiana State University
 M.D., '43, Louisiana State University
 Medicine and Surgery

Carter W. Howell, Grimell, Iowa
 A.B., '39, Know College
 M.D., '43, Duke Medical School
 Surgical Intern

Robert J. Morton, Green, Kansas
 A.B., '39, University of Kansas
 M.D., '43, University of Kansas
 Surgery & Medicine

Stanley R. Friesen, Cheney, Kansas
 A.B., '40, University of Kansas
 Rotating Intern

Stephen G. Thein, Baltimore, Maryland

 Rotating Intern

Allan E. Moe, Moorhead, Minnesota
 B.A., '39, St. Olaf College, Northfield
 B.M., '43, University of Minnesota
 Rotating Intern

Katherine Pennington, Wichita, Kansas
 B.A., '37, Friends University, Wichita,
 Kansas
 M.D., '43, University of Kansas
 Rotating Intern

Achilles C. Lisle, Jr., Oklahoma City,
 Oklahoma
 B.S., '39, University of Oklahoma
 Rotating Intern

James M. Wilson, South Bend, Indiana
 B.A., '39, University of Colorado
 M.D., '43, University of Colorado
 Rotating Intern

Ivan D. Baronofsky, Milwaukee, Wisconsin
 B.A., '38, University of California
 Surgical Intern

Richard C. Horns, Wauwatosa, Wisconsin
 B.S., '38, University of Minnesota
 B.M., '42, University of Minnesota
 M.D., '43, University of Minnesota
 Medical Intern in Ophthalmology

Eugene F. McElmeel, Minneapolis, Minn.
 B.A., '30, University of Minnesota
 B.S., '32, University of Minnesota
 M.B., '34, University of Minnesota
 M.D., '35, University of Minnesota
 Medical Intern - University of
 Minnesota Hospitals - 1935-36.
 Private practice
 Intern in Ear, Nose, and Throat

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IV. STAFF MEETING PROGRAM - 1943-44

MEETING ASSIGNMENTS

<u>Date</u>	<u>Service</u>	<u>Chairman</u>
<u>1943</u>		
Oct. 1	Administration	R. Amberg
Oct. 8	Pathology	E. T. Bell
Oct. 15	Pediatrics	I. McQuarrie
Oct. 22	Surgery	O. H. Wan- gensteen
Oct. 29	Medicine	C. J. Watson
Nov. 5	Otolaryngology	L. Boies
Nov. 12	Proctology	W. A. Fansler
Nov. 19	Neuropsychiatry	J. C. McKinley
Nov. 26	Movies of Football Games	Lou Keller
Dec. 3	Obstetrics and Gynecology	J. L. McKelvey
Dec. 10	Radiology	L. G. Rigler
<u>1944</u>		
Jan. 7	Bacteriology	W. P. Larson
Jan. 14	Surgery	O. H. Wan- gensteen
Jan. 21	Medicine	C. J. Watson
Jan. 28	Ophthalmology	F. W. Burch
Feb. 4	Urology	C. D. Creevy
Feb. 11	Pediatrics	I. McQuarrie
Feb. 18	Dermatology	H. Michelson
Feb. 25	Neurosurgery	W. T. Peyton

<u>Date</u>	<u>Service</u>	<u>Chairman</u>
Mar. 3	Radiation Therapy	K. W. Stenstrom
Mar. 10	Preventive Medicine	R. Boynton
Mar. 31	Out-Patient Department	M. Wetherby
Apr. 14	Medicine	C. J. Watson
Apr. 21	Orthopedics	W. Cole
Apr. 28	Obstetrics and Gynecology	J. L. McKelvey
May 5	Child Psychiatry	Eric K. Clarke
May 12	Anesthesiology	R. Knight
May 19	Surgery	O. H. Wanstegen
May 26	Physical Therapy	Miland E. Knapp
June 2	Laboratory Service	G. T. Evans
June 9	Administration	R. Amberg

Note:

1. Subjects should be assigned now.
2. Copy for mimeographing should be from 14 to 28 double-spaced typewritten pages.
3. A limited number of lantern slides will be made for each program.
4. Deadline for copy is 10 days before meeting.

STAFF MEETING PROGRAM

Day

Each Friday from October 1, 1943 to June 9, 1944, except on University holidays.

Place

Recreation Room, Powell Hall.

Time

Luncheon (buffet) 11:45 A.M. - 12:15 P.M. Meeting 12:15 - 1:15.

Program

According to the American College of Surgeons, a general staff meeting program should consist of "(1) selected cases containing object lessons on improvement of technique of diagnosis or therapy; (2) group

studies of various common diseases and injuries with special reference to end-results; (3) discussion of special reports from various clinical and scientific departments; (4) discussion of ways and means of elevating scientific efficiency of hospital staff.

Departmental Reports

In our organization the staff business proper is conducted by the superintendent and the administrative committee. Each week one service will make a clinical report of some special activity.

Bulletin (15th year)

A copy will be given to each person attending the meeting. The bulletin is financed by special educational funds contributed by the Citizens' Aid Society of Minneapolis, a philanthropic group consisting of Mrs. George Chase Christian, Franklin M. Crosby, George P. Chase, and William P. Christian, and friends and alumni of the University of Minnesota.

Movies

Movies will be shown on occasion.

Discussions

The discussions are one of the most important parts of the meetings. Advance copies of the bulletin are supplied to interested persons so that they may prepare their discussions. In the past this has proven valuable but discussion is not limited to these staff members.

Guests

Any practitioner, intern or graduate student is welcome. As a general rule, undergraduate students do not take part.

Distinguished Visitors

It is not our policy to relinquish our meeting time for lectures by visiting physicians but we are most anxious to have them join in our discussions. If we know of their coming in advance, plans can be made to avail ourselves of their presence.

It will be noted in this brief summary for the past fiscal years that the number of services rendered has remained substantially the same except in the number of Out-Patient Department visits and in the X-ray Department. The Out-Patient Department has been commented on. Owing to the severe shortage of films as a result of the war, and for periods of time a serious shortage of technical help, Dr. Rigler has urged the staff to limit x-ray examinations to an absolute minimum. This has been an extremely important factor in the reduction in the number of cases examined. As long as the film shortage continues, this reduction will continue to be necessary.

The Pharmacy, in addition to the prescriptions dispensed, also makes the solutions used in the Hospitals. This service was started when the Department had supplemental Works Progress Administration help. However, since this help has been withdrawn, it is becoming increasingly difficult to find adequate assistance for this service. Labor difficulties plus larger amounts of solutions used for patients is putting an ever increasing load on this Department.

The year 1942-43 has seen more of the professional and non-academic staff leaving for military service, although this exodus has not been as great as in 1941-42 when the U. S. General Hospital #26 was organized and called to active duty. We are still faced with the difficult problem of securing adequate and competent nursing, dietary and maintenance help. This lack of help has placed a heavy burden on those who are here. The Administration of the Hospitals wishes to express its appreciation to its loyal and faithful employees during this difficult period.

The Administration of the Hospitals wishes to thank the many generous friends who helped to maintain the service of the Hospitals: The American Red Cross for the Nurses' Aides and Gray Ladies who have helped immeasurably in the care of the patients and with supplementary services; several sections of the University Faculty Women's Club who have given generously of their time and funds; the many children's clubs, the Traffic Club, the Crippled Child's Relief, and other organizations who have made contributions.

R. M. Amberg,

Superintendent

COMPARATIVE TWELVE-MONTHS' REPORT

<u>Total Patients Admitted</u>	<u>1941-42</u>	<u>1942-43</u>
Private	899	1,171
Per Diem	861	1,211
Free		
Eustis	346	209
Teaching and Research	165	310
Charity	364	145
Staff	289	342
County	4,523	3,715
Health Service	1,033	1,506
Psychopathic	217	211
Private	38	27
Per Diem	24	42
University Group Hospitalization		
Private	96	98
Per Diem	40	33
	<u>8,895</u>	<u>9,020</u>

Total Patients Treated (Discharged)

Private	874	1,114
Per Diem	806	1,161
Free		
Eustis	352	258
Teaching and Research	153	314
Charity	363	149
Staff	293	318
County	4,558	3,752
Health Service	1,033	1,469
Psychopathic	260	235
Private	35	25
Per Diem	17	33
University Group Hospitalization		
Private	100	101
Per Diem	42	33
	<u>8,886</u>	<u>8,963</u>

Total Days Hospital Care

Private	10,484	13,607
Per Diem	11,473	15,409
Free		
Eustis	8,736	7,078
Teaching and Research	2,765	4,620
Charity	4,937	1,888
Staff	1,599	1,934
County	79,616	69,661
Health Service	4,390	8,328
Psychopathic	7,807	7,494
Private	1,172	1,440
Per Diem	600	934
University Group Hospitalization		
Private	828	905
Per Diem	351	288
	<u>133,579</u>	<u>132,586</u>

COMPARATIVE TWELVE-MONTHS' REPORT (Cont.)

	<u>1941-42</u>	<u>1942-43</u>
<u>Average Days Per Patient</u>		
Private	10.7	11.6
Per Diem	12.6	12.7
Free		
Eustis	25.2	33.9
Teaching and Research	16.7	14.9
Charity	13.5	13.0
Staff	6.7	5.7
County	17.5	18.1
Health Service	4.2	4.8
Psychopathic	35.9	35.5
Private	30.8	53.3
Per Diem	25.0	22.2
University Group Hospitalization		
Private	8.6	9.2
Per Diem	8.7	8.7
Average Length of Stay Per Patient	15.0	14.7

Daily Average Number of Patients

Private	28.7	37.3
Per Diem	31.4	42.2
Free		
Eustis	23.9	19.4
Teaching and Research	7.5	12.7
Charity	13.5	5.2
Staff	4.3	5.3
County	218.1	190.9
Health Service	12.0	20.1
Psychopathic	21.3	20.5
Private	3.2	3.9
Per Diem	1.4	2.6
University Group Hospitalization		
Private	2.2	2.5
Per Diem	.9	.8
Daily Average Census for Hospital	365.9	363.3

COMPARATIVE TWELVE-MONTHS' REPORTIN-PATIENT DEPARTMENT

<u>SERVICE</u>	<u>Admissions</u>		<u>Patient Days</u>		<u>Average Length of Stay</u>	
	<u>1941-42</u>	<u>1942-43</u>	<u>1941-42</u>	<u>1942-43</u>	<u>1941-42</u>	<u>1942-43</u>
General Surgery	1,090	1,016	17,341	16,869	15.9	15.7
Urology	678	637	7,572	7,538	11.1	11.8
Orthopedics	208	257	7,150	7,045	34.3	27.4
Neurosurgery	230	191	3,457	3,111	15.0	16.3
Tumor Surgery	253	255	2,656	2,195	10.4	8.6
Reconstruction Surgery	84	67	2,098	1,404	24.9	20.9
Tuberculosis Surgery	3		1,143		*64.0	
Chest Surgery	24		1,571		*32.0	
Medicine	1,072	1,160	17,539	17,094	16.3	14.7
Neurology	468	379	5,621	5,583	12.0	14.7
Dermatology	167	144	2,281	2,450	13.6	16.0
Psychiatry	281	280	9,621	9,850	34.3	35.2
Ophthalmology	261	214	3,170	3,482	12.1	16.3
Otolaryngology	248	284	1,446	1,706	5.7	6.0
Gynecology	581	423	5,534	5,028	9.5	11.9
Tumor Gynecology	78	123	3,600	3,890	45.1	31.6
Obstetrics	492	494	6,579	6,260	13.3	12.6
Newborn Pediatrics	397	393	4,472	4,520	11.2	18.5
Pediatrics & Specialties	1,216	1,098	26,317	25,908	21.5	23.5
Health Service	1,032	1,506	4,378	17,328	4.2	4.9
Ambulatory	32	39	51	132	1.5	3.4
TOTALS	8,895	9,020	133,597	131,393	15.0	14.6

*Tuberculosis Surgery and Chest Surgery admitted by transfer.

OUT-PATIENT DEPARTMENTCOMPARATIVE REPORT

<u>CLINIC</u>	New Patients		Revisits		Totals	
	<u>1941-42</u>	<u>1942-43</u>	<u>1941-42</u>	<u>1942-43</u>	<u>1941-42</u>	<u>1942-43</u>
Admissions	4,727	4,111			4,727	4,111
Medicine						
General	443		18,908	16,149	19,351	16,149
Cardiac	779	631	1,264	1,035	2,043	1,666
Chest	351	229	3,773	2,977	4,124	3,206
Diabetic	158	121	1,103	952	1,261	1,073
Gastro-intestinal	903	698	167	167	1,070	865
Metabolism	183	105	629	495	812	600
Neurology	1,162	977	2,350	1,739	3,512	2,716
Skin						
Syphilis Clinic	88	91	3,672	3,128	3,760	3,219
Dermatology	921	631	3,500	2,458	4,421	3,089
Surgery						
Fracture	34	27	299	55	333	82
General	1,426	1,245	7,802	6,904	9,228	8,149
Genito-Urinary						
Female	250	241	1,058	800	1,308	1,041
Male	676	418	1,897	1,495	2,573	1,913
Neuro-surgery	136	129	524	316	660	445
Reconstruction	75	28	525	326	600	354
Tumor	472	387	2,628	2,797	3,100	3,184
Orthopedic	672	430	1,912	1,495	2,584	1,925
Physical Therapy	126	19	48	16	174	35
Ear	491	289	1,536	1,181	2,027	1,470
Eye						
General	1,462	933	3,317	2,371	4,779	3,304
Refraction	957	240	425	591	1,382	831
Squint	54	6	21	183	75	189
Nose and Throat	894	581	2,122	1,874	3,016	2,455
Obstetrics	444	331	2,085	1,775	2,529	2,106
Gynecology	973	712	2,743	1,747	3,716	2,459
Gynecology	46	60	992	969	1,038	1,029
Pediatrics	837	763	4,056	3,339	4,893	4,102
Children's Psychiatric	80	72	1,173	987	1,253	1,059
Speech	27	5	105	183	212	188
Nutrition	112	67	257	203	369	270
Dental	41	31	111	65	152	96
TOTALS:	20,000	14,608	71,082	58,772	91,082	73,380

PHYSICAL THERAPY DEPARTMENT

COMPARATIVE REPORT

<u>Type of Treatment</u>	Number of Out-Patients Treated		Number of Hospital Patients Treated		Total Number of Patients Treated	
	1941-42	1942-43	1941-42	1942-43	1941-42	1942-43
Diathermy	1,215	1,085	369	492	1,584	1,577
Ultra Violet	316	430	429	285	745	715
Phototherapy - Infra Red	845	693	568	925	1,413	1,618
Massage - Muscle Training	2,025	1,947	978	1,318	3,003	3,265
Ionothophoresis	15		0		15	
Suspension		27		19		46
Pool	101	551	2	56	103	607
Whirlpool	718	1,244	343	265	1,061	1,509
Pressure Cuff	157	184	46		230	184
Galvanic - Faradic	103	132	17	15	120	147
Hot Packs	<u>62</u>	<u>21</u>	<u>7</u>	<u>4</u>	<u>69</u>	<u>25</u>
TOTALS	5,557	6,314	2,759	3,379	8,316	9,693
NEW PATIENTS:	288	318	173	157	461	475

COMPARATIVE LABORATORY REPORT

	<u>Main Laboratory</u>		<u>Out-Patient Lab.</u>		<u>Health Service Lab.</u>		<u>Totals</u>	
	<u>1941-42</u>	<u>1942-43</u>	<u>1941-42</u>	<u>1942-43</u>	<u>1941-42</u>	<u>1942-43</u>	<u>1941-42</u>	<u>1942-43</u>
Hemoglobin	9,482	13,004	10,503	9,561	8,585	7,861	28,570	30,426
Erythrocyte Count	2,102	2,602	1,395	1,346	391	436	3,888	4,384
Leukocyte Count	9,224	13,567	4,876	5,093	1,168	1,413	15,268	20,073
Differential Count	8,924	10,987	2,459	2,527	925	1,166	12,308	14,680
Platelet Count	125	108	157	129	18	8	300	245
Reticulocyte Count	49	91	255	209	58	14	362	314
Bleeding Time	182	542	79	70	75	12	336	624
Clotting Time	182	546	79	66	80	14	341	626
Sedimentation Rate	226	547	1,579	1,844	270	4	2,075	2,395
Hematocrit	99	1,073	217	288	41	254	357	1,615
Fragility	7	30	45	37	18	4	70	71
Prothrombin	654	845	4	3			658	848
Basophilic Stippling		2						2
Clot Retracting	2			6			2	6
Mean Corpuscular Diameter	18	61		34			18	95
Mean Corpuscular Hemoglobin Conct.	1		3	23			4	23
Mean Corpuscular Volume	2		8	34			10	34
Mean Corpuscular Hemoglobin	1		3	25			4	25
Color Index			1				1	
Urines	9,453	13,450	18,989	12,302	9,022	9,120	37,464	34,872
Sugar	79	2,813		8			79	2,821
Urine Sediments	5,307	2,316					5,307	2,316
G. U. Urines	38						38	
Acetone and Diacetic	145	750	984	805	84	72	1,213	1,627
Bilirubin	21	90	65	32	2	1	88	123
Urobilinogen	76	104	47	55	11	4	134	163
Phenolsulphonethalin	2,375	803	217	429	39	43	2,631	1,275
Cystoscopic Urine	882	933			1		883	933
Bence-Jones	1		4				5	
Qualitative Urobilin			14				14	
Sperm Count	1	2					1	2
Fermentations			13	2			13	2
Microscopic	114						114	
Concentration and Dilution	19	28	435	887	18	32	472	947
Prophyrin				1				1
Hemoglobinuria	1						1	
Smear	4						4	

COMPARATIVE LABORATORY REPORT (Cont.)

	Main Laboratory		Out-Patient Lab.		Health Service Lab.		Totals	
	1941-42	1942-43	1941-42	1942-43	1941-42	1942-43	1941-42	1942-43
Pigments		3						3
Gastric Expression	385	398	2,124	1,850	34	10	2,543	2,258
Benzedine	12	287				3	12	290
Quaiac	12	310				3	12	313
Duodenal Drainage	27	43	4	9	2	3	33	55
Feces	172	300	2,083	1,353	74	56	2,329	1,709
Cerebrospinal Fluid Count	834	778					834	778
Body Fluid	119	159	3				122	159
Takata-Ara	1	1					1	1
Colloidal Gold	706	742					706	742
Emesis for Blood	1						1	
Proctology Smears	2						2	
Ventricular Fluid	2						2	
Esbach	2	76					2	76
Bile Drainage			3	7			3	7
Bile Pigments		2						2
Porphobilinogen			1				1	
Lactic Acid		10						10
Tissues	5,194	5,362					5,194	5,362
Metabolism	2,366	1,780					2,366	1,780
Electrocardiogram	3,407	3,619					3,407	3,619
Blood Groupings	6,654	7,673					6,654	7,673
Cross Matching	6,402	5,723					6,402	5,723
Klines	5,140	5,578					5,140	5,578
Routine Cultures	8,304	6,001					8,304	6,001
Blood Cultures	982	2,400					982	2,400
Gonococcic Smears	177	240	1,147	291	396	330	1,720	861
Gonococcic Cultures	268	332	4				272	332
Miscellaneous Smears	151	474	905		796	250	1,852	724
Pneumo-typings	447	370	5				452	370
Tuberculosis Smears	259	265	508	286	9	17	776	568
Ear, Nose and Throat Smears		826						826
Heterophile Antibodies	285	489			1		286	489
Pour Plates	80	220					80	220
Miscellaneous Smears				527				527

COMPARATIVE LABORATORY REPORT (Cont.)

	Main Laboratory		Out-Patient Lab.		Health Service Lab.		Totals		
	1941-42	1942-43	1941-42	1942-43	1941-42	1942-43	1941-42	1942-43	
Potassium		17						17	
Lipase	24	16					24	16	
Acid Base	1						1		
Phosphatase	266						266		
Total Protein	2,073	2,295					2,073	2,295	
Albumin	900	883					900	883	
Globulin	892	879					892	879	
Fibrinogen	1	2					1	2	
Total proteins, falling drop	274						274		
Icterus Index	845	148			1		846	148	
Bilirubin	564	804					564	804	
Free	24						24		
Total		655						655	
Van don Bergh	71						71		
Total cholesterol	543				1		544		
CEREBROSPINAL FLUID									
Proteins	856	858					856	858	
Glucose	851	745					851	745	
Chlorides	591	110					591	110	
URINES									
Urea Clearance		28						28	
Quantitative Glucose	13	102					13	102	
Galactose	11	5					11	5	
Calcium	11						11		
Uric Acid		9						9	
Sulkowitch		79						79	
Urine Urea		5						5	
Urea Nitrogen		33						33	
Urine Phosphorus		7						7	
Chloride as sodium chloride	10	89					10	89	
Hemoglobin on Urine	7						7		
Nonprotein Nitrogen									
Urobilin		30		3				33	

COMPARATIVE LABORATORY REPORT (Cont.)

	Main Laboratory		Out-Patient Lab.		Health Service Lab.		Totals		
	1941-42	1942-43	1941-42	1942-43	1941-42	1942-43	1941-42	1942-43	
Creatine	38	52					38	52	
Creatinine	38	52					38	52	
Drug Room		349						349	
Spinals		337						337	
Vaccines		120						120	
Choc. Agar	58						58		
Aggl. Test					7		7		
Vena Punctures			10,578	8,388	8,203	8,434	18,781	16,822	
Kahns	2,439	2,167					2,439	2,167	
Wassermanns	3,048	2,655					3,048	2,655	
BLOOD									
Blood Urea Nitrogen	5,799	4,698			1		5,800	4,698	
Nonprotein Nitrogen	9						9		
Uric Acid	406	343					406	343	
Creatinine	804	737					804	737	
Amino Acid	18	2					18	2	
Urea Clearance	67						67		
Chloride as sodium chloride	1,992	1,883					1,992	1,883	
Carbondioxide combined power	2,885	1,880					2,885	1,880	
Glucose	4,275	2,487			7		4,282	2,487	
Glucose Tolerance	508	221	5		9		522	221	
Galactose Tolerance	135	146					135	146	
Adrenalin Sugar Tolerance	1						1		
Levulose Tolerance	9						9		
Insulin Tolerance		1						1	
Sulfanilamide	306	401					306	401	
Sulfapyridine	24						24		
Sulfathiazole	2,498	1,385					2,498	1,385	
Sulfanilylguanidine	36						36		
Sulfadiazine	2,395	2,328					2,395	2,328	
Sulfamethyldiazine		335						335	
Sulfamerizine		26						26	
Vitamin C	332	292					332	292	

COMPARATIVE LABORATORY REPORT (Cont.)

	Main Laboratory		Out-Patient Lab.		Health Service Lab.		Totals	
	1941-42	1942-43	1941-42	1942-43	1941-42	1942-43	1941-42	1942-43
Calcium	565	484			1		566	484
Phosphorus	398	293					398	293
Sulfadiazine	15						15	
Sulfathiazole	3						3	
Sulfanilamide	2						2	
Sulkowitch	10						10	
Parasites	4	17					4	17
Congo Red	19	8					19	8
Bromsulfalein	75	93					75	93
Fat		2						2
Fecal N.		11						11
Calculi	19	26					19	26
Thiocyanate	273	429					372	429
Hippuric Acid	27	94					27	94
Specific gravity, body fluids		31						31
Alkaline Phosphates	71	351					71	351
Acid Phosphates	41	328					41	328
Urine Galactose Tolerance	4						4	
Biliverdin	2	89					2	89
Nonne	10						10	
Pleural Fluid	1						1	
Bladder Stones	4						4	
Amino Acid	4						4	
Amylase	68	62					68	62
TOTALS	130,750	142,769	59,801	48,530	30,348	29,564	220,899	220,863

COMPARATIVE ANNUAL REPORTPHARMACY

<u>Month</u>	<u>Total Prescriptions</u>	
	<u>1941-42</u>	<u>1942-43</u>
July	7,817	7,473
August	7,321	7,782
September	8,044	7,678
October	10,557	7,948
November	8,387	7,176
December	8,222	8,067
January	9,549	7,916
February	7,550	7,677
March	8,230	9,171
April	8,255	9,454
May	7,887	8,967
June	8,281	8,258
TOTAL	100,691	97,567 + 2,382 <u>99,949</u>

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COMPARATIVE REPORT
ROENTGENOLOGY

<u>Part Examined</u>	<u>1941-42</u>	<u>1942-43</u>
Abdomen	978	717
Ankle	241	204
Bladder	40	24
Bronchography	69	44
Cervical Spine	289	275
Chest	9,786	8,193
Cholangiography	82	102
Clavicle	49	22
Coccyx	18	16
Colon	805	684
Cystogram	68	64
Elbow	180	156
Encephalogram	110	97
Esophagus	389	259
Femur	340	315
Fluoroscopy	3,393	2,789
Foot	292	248
Gall Bladder	837	625
Hand	236	220
Heart	726	405
Hip	421	382
Humerus	120	117
Hystero-salpingography	0	1
Injection of fistulae	10	0
Knee	396	345

COMPARATIVE REPORT (Cont.)
ROENTGENOLOGY

<u>Part Examined</u>	<u>1941-42</u>	<u>1942-43</u>
Liver and Spleen (Thorotrast)	15	4
Lumbosacroiliacs	1,157	864
Mandible	143	138
Mastoid	206	164
Maxilla	22	24
Miscellaneous	203	303
Myelography	39	37
Neck and Thyroid	71	32
Nose	23	11
Orbits	51	29
Pelvis	847	632
Pregnancy	56	34
Radius and Ulna	213	128
Ribs	133	123
Sacroiliac	22	31
Sacrum	29	23
Scapula	8	3
Sella Turcica	11	31
Shoulder	308	257
Sinuses (Paranasal)	588	534
Sinuses (Paranasal) Iodized Oil	1	6
Skull	953	657
Sterno-clavicular joints	1	3
Sternum	22	3
Stomach and duodenum	1,913	1,673
Temporo-mandibular joint	10	26
Thoracic Spine	429	321
Tibia and fibula	418	416
Urinary tract	1,227	756
Urography, intravenous	831	775
Urography, retrograde	233	265
Ventriculography	36	48
Wrist	176	201
TOTAL:	30,270	24,853

X-RAY THERAPY DEPARTMENT
COMPARATIVE REPORT

<u>Deep X-Ray Treatments</u>	<u>1941-42</u>	<u>1942-43</u>
Number of Treatments	9,508	8,971
Number of Patients Treated	782	749
New Patients Treated	591	512
Patients retreated	191	237
Hennepin County Patients	108	90
Ramsey County Patients	41	22
Out-Patient Treatments	6,941	6,402
House Patient Treatments	2,567	2,767
Total County Patients	524	333
<u>Superficial X-Ray Treatments</u>		
House Patient Treatments	127	119
Out-Patient Treatments	2,354	2,264
Number of Treatments	2,481	2,383

COMPARATIVE TWELVE-MONTHS' REPORT

<u>Service</u>	<u>1941-42</u>	<u>1942-43</u>
Male Surgery	140	45
Female Surgery	156	28
Neuro-Surgery	7	4
White Surgery	1	0
Urology	25	38
Surgical Pediatrics	24	12
Orthopedic Pediatrics	6	4
Reconstruction Pediatrics	34	21
Chest Surgery	3	
Orthopedics	101	53
Male Medicine	1	1
Female Medicine	0	1
Neurology	7	8
Dermatology	0	6
Pediatrics	19	6
Gynecology	0	0
Ophthalmology	0	47
Ophthalmology Pediatrics	0	0
Oto-Laryngology	0	4
Tonsils and Adenoids	0	6
TOTAL:	524	284