

PEIPING UNION MEDICAL COLLEGE HOSPITAL

THIRTY-SECOND ANNUAL REPORT
OF THE
SUPERINTENDENT

JULY 1, 1939 — JUNE 30, 1940

PEIPING, CHINA

CONTENTS

	PAGE
BOARD OF TRUSTEES AND OFFICERS	5
HOSPITAL STAFF.....	6
HOSPITAL ADMINISTRATIVE COMMITTEES.....	17
REPORTS:	
HOSPITAL SUPERINTENDENT	18
MEDICAL SERVICES	36
SURGICAL SERVICES.....	43
OBSTETRICAL AND GYNECOLOGICAL SERVICES.....	48
OPHTHALMOLOGICAL SERVICE.....	50
RADIOLOGICAL SERVICES.....	51
BACTERIOLOGICAL AND IMMUNOLOGICAL SERVICES.....	55
PATHOLOGICAL SERVICES.....	60
NURSING SERVICE.....	65
COLLEGE HEALTH SERVICE.....	69
DIETARY SERVICE.....	72
HOSPITAL SOCIAL SERVICE	75
 TABLES	
I. ADMISSIONS AND DISCHARGES	24
II. DISCHARGES BY SERVICES.....	24
III. DISTRIBUTION OF BEDS AND OCCUPANCY, PUBLIC WARDS.....	25
IV. BED OCCUPANCY, PRIVATE PAVILION.....	26
V. DAYS OF TREATMENT AND AVERAGE HOSPITAL DAYS	27
VI. CLASSIFICATION OF TREATMENT DAYS.....	28
VII. DEATHS PER 100 DISCHARGES AND POSTMORTEM EXAMINATIONS.....	29
VIII. PUBLIC OUTPATIENT SERVICE VISITS.....	30-31
IX. PRIVATE OUTPATIENT SERVICE CONSULTATIONS	32
X. EMERGENCY SERVICE VISITS	33
XI. PHYSIOTHERAPY VISITS	34
XII. CONSULTATIONS TO STAFF AND FAMILIES FOR COLLEGE HEALTH SERVICE.....	35
CLASSIFICATION OF OPERATIONS	83

A complete bibliography of publications from the laboratories and clinics of the Peiping Union Medical College is published separately and will be sent by the Librarian on request.

The Annual Announcement of the Medical College may be secured upon application to the Recorder.

BOARD OF TRUSTEES

From July 1, 1940

OFFICERS

Chairman

SOHTSU G. KING

Vice-Chairman

SAO-KE ALFRED SZE

Secretary

MARY E. FERGUSON

Treasurer

V. F. BRADFIELD

Controller

TREVOR BOWEN

EXECUTIVE COMMITTEE

EARLE H. BALLOU, *Chairman*

KEATS S. CHU

S. J. CH'UAN

FANG SHI-SAN

A. W. GRABAU

MEMBERS

To Serve until the Annual Meeting of 1943

ARTHUR BASSETT

CHARLES R. BENNETT

SOHTSU G. KING

LI T'ING-AN

Y. T. TSUR

WONG WEN-HAO

To Serve until the Annual Meeting of 1942

EARLE H. BALLOU

HU SHIH

LIN HSIN-KWEI

J. HENG LIU

SAO-KE ALFRED SZE

W. W. YEN

To Serve until the Annual Meeting of 1941

KEATS S. CHU

S. J. CH'UAN

A. M. DUNLAP

FANG SHI-SAN

A. W. GRABAU

BERNARD E. READ

HOSPITAL STAFF

July 1, 1939—June 30, 1940

- SIH-TZE WANG, M.D.,
Superintendent
- CHONG-EN LIU, M.D.,
Assistant Superintendent
- ELIZABETH HIRST, R.N.,
Assistant to the Superintendent

DEPARTMENT OF MEDICINE

- ISIDORE SNAPPER, M.D.,
Professor of Medicine and Head of the Department
- CHESTER NORTH FRAZIER, B.S., M.D.,
Professor of Dermatology and Syphilology
- THERON S. HILL, M.D.,
Associate Professor of Neurology and Psychiatry
- SHIH-HAO LIU, M.D.,
Associate Professor of Medicine
- FU-T'ANG CHU, M.D.,
Associate Professor of Pediatrics
- CHARLES K.A. WANG, A.B., M.A., PH.D.,
Honorary Lecturer in Psychology
- YU-LIN WEI, M.D.,
Assistant Professor of Neurology and Psychiatry
- CHEN-LANG TUNG, A.B., M.D.,
Assistant Professor of Medicine
- *CH'UAN-K'UEI HU, M.D.,
Assistant Professor of Dermatology and Syphilology
- KUO-CHENG WANG, M.D.,
Assistant Professor of Medicine and College Physician
- HSIEN-I CHU, M.D.,
Assistant Professor of Medicine
- HUEI-LAN CHUNG, M.D., D.T.M. AND H.,
Assistant Professor of Medicine
- CH'UAN FAN, B.S., M.D.,
Assistant Professor of Pediatrics
- SHU-HSIEN WANG, M.D.,
Assistant Professor of Medicine

DEPARTMENT OF MEDICINE (*continued*)

- CHARLES W AN-NIEN BIEN, M.D.,
Assistant Professor of Medicine
- BENJAMIN H. Y. T'ANG, M.D.,
Instructor in Medicine
- *KUO-CHEN CH'EN, M.D.,
Instructor in Medicine
- HUNG-CHIUNG LI, B.S., M.D.,
Instructor in Dermatology and Syphilology
- *JUI-F'ING WU, B.S., M.D.,
Instructor in Pediatrics
- CHIH-YI WANG, M.D.,
Assistant in Pediatrics
- THERESA T. WOO, B.A., M.D.,
Assistant in Pediatrics
- **CHIA-TUNG TENG, B.S., M.D.,
Assistant in Medicine
- CHEN-HSIANG HUANG, B.S., M.D.,
Assistant in Medicine
- CHI-WU WANG, B.S., M.D.,
Assistant in Medicine
- YING-K'UEI HSU, B.S., M.D.,
Assistant in Neurology and Psychiatry
- STEPHEN K.P. CHANG, M.D.,
Assistant in Medicine
- YING-K'UN FENG, B.S., M.D.,
Assistant in Neurology and Psychiatry
- WAN-SEN MA, B.S., M.D.,
Assistant in Medicine
- CHIN-HSIEN TENG, M.D.,
Assistant in Pediatrics
- SUNG-NIEN TSAO, B.A., B.S., M.D.,
Assistant in Dermatology and Syphilology
- TS'AI-FAN YU, M.D.,
Assistant in Medicine and Resident Physician
- WEI-T'UNG LIU, M.D.,
First Assistant Resident Physician
- HSI-CHIH CHAO, M.D.,
Assistant Resident Physician
- KUO-CH'ING CHEN, M.D.,
Assistant Resident Physician

*On leave 1939-40

**On leave to Jan. 1940

DEPARTMENT OF MEDICINE (*concluded*)

- WU-MING CHEN, M.D.,
Assistant Resident Physician (Pediatrics)
- TEH-YUEH CHENG, M.D.,
Assistant Resident Physician
- STEPHEN HAY CHEU, M.D.,
Assistant Resident Physician
- YU-TU CHIANG, M.D.,
Assistant Resident Physician
- IRVING CHU, M.D.,
Assistant Resident Physician
- HAN-KUANG HSU, M.D.,
Assistant Resident Physician
- HWEI-CHUAN HSU, M.D.,
Assistant Resident Physician
- GI-MING LI, M.D.,
Assistant Resident Physician (Pediatrics)
- KYA-KUNG LI, M.D.,
Assistant Resident Physician (Dermatology and Syphilology)
- CHUNG-FANG WANG, M.D.,
Assistant Resident Physician
- JUN-TIEN WANG, M.D.,
Acting Assistant Resident Physician (Neurology)

DEPARTMENT OF SURGERY

- HAROLD H. LOUCKS, A.B., M.D.,
Professor of Surgery and Head of the Department
- GEORGE Y. CHAR, B.S., M.D.,
Professor of Urology
- J. HUA LIU, M.D.,
Professor of Otolaryngology
- J.B. MARSHALL, M.D., COMMANDER, MEDICAL CORPS, U.S.N.
Honorary Lecturer in Surgery
- SUNG-T'AO KWAN, B.S., M.D.,
Associate Professor of Surgery
- CHI-MAO MENG, M.D.,
Associate Professor of Orthopedic Surgery
- J. L. BOOTS, D.D.S.
Associate Professor of Dental Surgery
- *TZE KING, M.D.,
Assistant Professor of Otolaryngology

DEPARTMENT OF SURGERY (*continued*)

- *HSI-EN SHIH, M.D.,
Assistant Professor of Urology
- HYEN-TAIK KIMM, B.S., M.D.,
Assistant Professor of Surgery
- PATRICK P. T. WU, M.D., M.S., PH.D.,
Assistant Professor of Surgery
- CH'ING-SUNG CHANG, B.S., M.D.,
Instructor in Otolaryngology
- CHAN SZUTU, B.S., M.D.,
Instructor in Surgery
- HUNG-CHUN CHANG, D.D.S.,
Instructor in Dental Surgery
- HSIEN-CHIH FANG, B.S., M.D.,
Instructor in Orthopedic Surgery
- YIN-HSIANG HSU, M.D.,
Instructor in Otolaryngology
- JU-CH'ENG HSIUNG, B.S., M.D.,
Assistant in Surgery
- WING Y. WONG, M.D., C.M.,
Assistant in Urology
- YING-K'AI WU, M.D.,
Assistant in Surgery
- **YI-CHENG CHAO, B.S., M.D.,
Assistant in Surgery
- YUEH-CH'ENG FAN, M.D.,
Assistant in Surgery and Resident Surgeon
- CHUNG-CHIEH WEN, M.D.,
First Assistant Resident Surgeon
- CHING-YUN CHEN, M.D.,
Assistant Resident Surgeon
- MING-CHAI CHEN, M.D.,
Assistant Resident Surgeon
- HAN-PING KWAN, M.D.,
Assistant Resident Surgeon
- PI-CHIN LIN, M.D.,
Assistant Resident Surgeon
- KUAN-CH'UAN LU, M.D.,
Assistant Resident Surgeon
- CHUNG-CHANG TAN, M.D.,
Assistant Resident Surgeon

*On leave 1989-40

**On leave to Dec. 1989

DEPARTMENT OF SURGERY (*concluded*)

- CHWEN-SENG TANG, M.D.,
Assistant Resident Surgeon
- DAU-TSU TOONG, M.D.,
Assistant Resident Surgeon
- SHIH-KWEI WONG, M.D.,
Assistant Resident Surgeon
- SUNG-T'ING YU, M.D.,
Assistant Resident Surgeon

DEPARTMENT OF OBSTETRICS AND GYNECOLOGY

- FRANK EDWARD WHITACRE, B.A., M.D., C.M.,
Professor of Obstetrics and Gynecology and Head of the Department
- *KHA-T'1 LIM, M.D.,
Assistant Professor of Obstetrics and Gynecology
- SUNG LIN, B.S., M.D.,
Instructor in Obstetrics and Gynecology
- YING-K'UEI K'O, B.S., M.D.,
Assistant in Obstetrics and Gynecology
- HAZEL A.C. LIN, B.S., M.D.,
Assistant in Obstetrics and Gynecology
- CH'UAN-CH'ING KUO, M.D.,
Assistant in Obstetrics and Gynecology
- HUNG-WEN WANG, M.D.,
Assistant in Obstetrics and Gynecology
- EDWARD S. YOUNG, M.D.,
Assistant and Resident Obstetrician and Gynecologist
- BEAN-CHYE CHAN, M.D.,
Assistant and Assistant Resident Obstetrician and Gynecologist
- HSUEH-PING TIEN, M.D.,
First Assistant Resident Obstetrician and Gynecologist
- I-TAH CHU, M.D.,
Assistant Resident Obstetrician and Gynecologist
- LIEN-YU FANG, M.D.,
Assistant Resident Obstetrician and Gynecologist
- LIANG SZUTU, M.D.,
Assistant Resident Obstetrician and Gynecologist
- AI-FENG YU, M.D.,
Assistant Resident Obstetrician and Gynecologist
- **J. PRESTON MAXWELL, M.D., B.S., (LOND.), L.R.C.P., F.R.C.S., (ENG.),
 F.C.O.G.,
Professor Emeritus of Obstetrics and Gynecology

*On leave 1939.40

**Not in residence

DEPARTMENT OF OPHTHALMOLOGY

- TSUNG-HSIEN LUO, B.S., M.D.,
Instructor in Ophthalmology and Acting Head of the Department
- *PETER S. SOUDAKOFF, B. PH., M.D.,
Assistant Professor of Ophthalmology
- CHING-K'UEI LIN, B.S., M.D.,
Instructor in Ophthalmology
- HSI-LI CHEN, B.S., M.D.,
Assistant in Ophthalmology
- GIA-CHI LIU, B.A., M.D.,
Assistant in Ophthalmology
- E CHANG, M.D.,
Assistant Resident Ophthalmologist
- MARION Y.M. LI, M.D.,
Assistant Resident Ophthalmologist
- SHAO-CHAO LIANG, M.D.,
Assistant Resident Ophthalmologist
- JEN-TSUNG SUI, M.D.,
Assistant Resident Ophthalmologist
-
- **FRANK E. BURCH, M.D.,
Visiting Professor of Ophthalmology

DEPARTMENT OF RADIOLOGY

- CHIH-KUANG HSIEH, M.S., M.D.,
Professor of Roentgenology and Head of the Department
- CHU-PING CHANG, B.S., M.D.,
Instructor in Roentgenology
- CHIEN-LIANG HSU, B.S., M.D.,
Instructor in Roentgenology
- *SHAO-HSUN WANG, B.S., M.D.,
Instructor in Roentgenology
- TE-PANG TING, B.S., PH.D.,
Instructor in Physics
- FUN-YONG KHOO, M.B., B.S.,
Assistant in Roentgenology
- FA-CH'U CHANG, B.A., B.S., M.D.,
Assistant in Roentgenology
- THOMAS J. HO, PH.C., B.S., M.D.,
Assistant Resident Radiologist

*On leave 1939-40

**Jan. to April 1940

DEPARTMENT OF RADIOLOGY (*concluded*)

PAAK-YUEN LAM, M.D.,
Assistant Resident Radiologist

CHI-LI TU, M.D.,
Assistant Resident Radiologist

DEPARTMENT OF PATHOLOGY

*REINHARD J. C. HOEPLI, M.D., D.Sc.,
Professor of Parasitology and Acting Head of the Department

*CHENG-HSIANG HU, M.D.,
Associate Professor of Pathology

LAN-CHOU FENG, M.D., D.T.M. AND H.,
Assistant Professor of Parasitology

KUANG-YU CH'IN, M.D.,
Assistant Professor of Pathology

HSI-CHING PAI, M.B., CH.B.,
Instructor in Pathology

HSI-FAN HSU, B.S., D. Sc. (NEUCHATEL)
Assistant in Parasitology

VI-TUH LIEU, B.S., M.D.,
Assistant in Pathology

SHIH-DOH WU, B.S., M.D.,
Assistant in Pathology

DEPARTMENT OF BACTERIOLOGY AND IMMUNOLOGY

CHONG-EANG LIM, M.B., B.S., D.P.H., D.T.M.,
Professor of Bacteriology and Head of the Department

*TIMOTHY J. KUROTCHKIN, M.D.,
Associate Professor of Bacteriology

**SAMUEL H. ZIA, M.D.,
Assistant Professor of Bacteriology

CH'UN-HUI YEN, B.S., M.D.,
Instructor in Bacteriology

Ts'UN T'UNG, B.S., M.D.,
Assistant in Bacteriology

SAM-CHEU WONG, PH.D.,
Assistant in Bacteriology

*On leave 1939.40

**On leave to Nov. 1939

INTERNES

IN MEDICINE

<i>Service Begun</i>		<i>Service Ended</i>
July 1, 1939	Hsiao-lou Chang	June 30, 1940
July 1, 1939	Nai-ch'u Chang	June 30, 1940
July 1, 1939	Chih-pu Chao	June 30, 1940
July 1, 1939	Hua-k'ang Chou	June 30, 1940
July 1, 1939	Teh-en Kao	June 30, 1940
July 1, 1939	Chee-hwa Koo	June 30, 1940
Sept. 1, 1939	George Y. C. Lee	June 30, 1940
July 1, 1939	Hui-fang Li	June 30, 1940
July 1, 1939	Tsuin-ch'ing Lin	June 30, 1940
July 1, 1939	Chih-ming Ling	June 30, 1940
July 1, 1939	T'ien-chueh Shen	June 30, 1940
July 1, 1939	Yu-tao T'ien	June 30, 1940
July 1, 1939	Shih-tsuan Wang	June 30, 1940
July 1, 1939	Jen-ying Yen	June 30, 1940
July 1, 1939	Tse-fei Yoh	June 30, 1940

IN SURGERY

July 1, 1939	Kuo-sung Fan	June 30, 1940
July 1, 1939	Ch'uan-han Feng	June 30, 1940
July 1, 1939	Ch'ing-yu Hsueh	June 30, 1940
July 1, 1939	Ching-hsing Kao	June 30, 1940
July 1, 1939	Shao-wu Liu	June 30, 1940
July 1, 1939	Ying Su	June 30, 1940
July 1, 1939	Hsien-chiu Tseng	June 30, 1940
July 1, 1939	Kuang-ch'ao Wang	June 30, 1940
July 1, 1939	James Yee	June 30, 1940

IN OBSTETRICS AND GYNECOLOGY

July 1, 1939	Kien-pong Lin	June 30, 1940
July 1, 1939	Yung-tung Ling	June 30, 1940

NURSING SERVICE

FAYE WHITESIDE, R.N., PH.B. ...	<i>Superintendent of Nurses</i>
ETHEL E. ROBINSON, R.N.	<i>Assistant Superintendent of Nurses</i>
CH'I CHEN, N.A.C.	<i>Supervisor of Medical Wards (Acting)</i>
LU-TEH CHEN, B.S., N.A.C.	<i>Supervisor of Pediatric Ward (Acting)</i>
*CHING-HO LIU, B.S., N.A.C.....	<i>Supervisor of Pediatric Ward</i>
MIRIAM PETCHNER, B.A., R.N. ...	<i>Supervisor of Surgical Wards</i>
KUEI-YING SHAO, N.A.C.....	<i>Supervisor of Night Services</i>
YUN-CHU SHEH, B.S., N.A.C.	<i>Supervisor of Obstetrical and Gynecological Wards</i>
**HAN-YEN TSO, B.S., N.A.C.....	<i>Supervisor of Medical Wards</i>
LOH-LOH WANG, N.A.C.	<i>Supervisor of Public Outpatient Service</i>
***MARGARET WYNE, B.S., R.N.....	<i>Supervisor of Surgical Wards</i>
SHUN-SHENG LI, N.A.C.....	<i>Assistant Supervisor of General Operating Rooms</i>
MING-BE SIA, B.A., N.A.C.....	<i>Assistant Supervisor of Isolation Pavilion</i>

HEAD NURSES

YU-CHIEH CHANG, N.A.C.....	<i>Night Services</i>
JEN-CHIEN CHEN, B.S., N.A.C.....	<i>Isolation Ward</i>
LIANG-YU CHEN, B.A., N.A.C. ...	<i>Metabolism Ward</i>
SHIH-FENG CHEN, N.A.C.	<i>Isolation Ward</i>
YUAN-HUA CHENG, B.A., N.A.C.,...	<i>Women's Mixed Ward</i>
JUI-LIN CHU, B.S., N.A.C.	<i>Obstetrical Ward</i>
CHIAO-YUN FEI, N.A.C.....	<i>Pediatric Ward</i>
CHENG-TUNG HUANG, N.A.C.	<i>Public Outpatient Service</i>
CHUNG HUANG, N.A.C.....	<i>Surgical Ward</i>
TEH-HSING HUANG, B.S., N.A.C....	<i>Medical Ward</i>

*On leave since May 1940

**On leave 1939, 1940

***On leave since December 1939

HEAD NURSES

Hsing-kuo Jen, N.A.C.....	<i>Medical Ward</i>
YU-HUA KAO, N.A.C.	<i>Psychiatric Ward</i>
Hsiu-Ling Ku, N.A.C.	<i>Obstetrical Clinic</i>
JUNG-HSUN KUO, N.A.C.	<i>General Operating Rooms</i>
WEI-KANG LI, N.A.C.	<i>Admission and Emergency Ward</i>
CHIEH-LAN LIU, B.S., N.A.C.	<i>Private Patient's Ward</i>
YU-LIN LO, N.A.C.....	<i>Central Supply Room</i>
HUI-CHING LU, B.S., N.A.C.....	<i>Gynecological Ward</i>
ZUNG-YUN LUNG, N.A.C.	<i>Health Nurse</i>
Hsi-Hou Ma, N.A.C.....	<i>Surgical Ward</i>
LIEN-YING SHAO, N.A.C.	<i>Private Patient's Ward</i>
MARGARET USPENSKY, N.A.C.....	<i>Private Patient's Ward</i>
CHIEH-CHING WANG, N.A.C.....	<i>Night Services</i>
FU-CHING YU, N.A.C.....	<i>Employees' Clinic</i>

HOSPITAL SOCIAL SERVICE

JU-CHI YU, B.A.....	<i>Chief of Hospital Social Service</i>
WEI-K'UN CHEN, B.A., M.A.....	<i>First Assistant</i>
SHAN-CH'EN LI, B.A.....	<i>Supervisor</i>
WEN-YING LO GWAN	<i>Social Worker</i>
YU-AI JAO, B.A.....	<i>Social Worker</i>
HUNG-WEN KUO, B.A.	<i>Social Worker</i>
CHEN WU, B.A.	<i>Social Worker</i>
SHENG-TO CHAO, B.A.....	<i>Social Worker</i>
CHIU-YEH LIU, B.A.	<i>Social Worker</i>
TUAN PAI, B.A.	<i>Social Worker (Social Center)</i>
MING LIU, B.A.	<i>Social Worker</i>

EMPLOYEE'S SOCIAL SERVICE

CHUNG-T'ANG CHANG, B.A.....	<i>Supervisor</i>
CHIN-HOU HUANG, B.A.....	<i>Social Worker</i>

PSYCHIATRIC SOCIAL SERVICE

WEN-HO CHAO, B.A.	<i>Social Worker</i>
SHAN-TZU CHEN, B.A.....	<i>Social Worker</i>
SHU-MING KANG, B.A.	<i>Social Worker</i>

DIETARY SERVICE

HELEN BURKETT DRUMMOND, B.S.	<i>Chief Dietitian</i>
HSI-HSUAN YU, B.S.	<i>1st Assistant Dietitian</i>
HSUAN CHOW, B.S.....	<i>Assistant Dietitian</i>
WEN-YUAN FANG, B.S.	<i>Assistant Dietitian</i>
*KUAN-HUA HOU, B.S.	<i>Assistant Dietitian</i>
*YING LIN, B.S.	<i>Assistant Dietitian</i>
YU-LAN SUN, B.S.	<i>Assistant Dietitian</i>
*LILY LEE TSIANG, B.S., M.S.	<i>Assistant Dietitian</i>
*TE-CHIN WANG, B.S.	<i>Assistant Dietitian</i>
**MIN-HSIEN YANG, B.S.	<i>Assistant Dietitian</i>

PHARMACY

JOHN CAMERON, F.C.S., PH.C., M.P.S. (LOND.)	<i>Supervisor of the Pharmacy</i>
ARTHUR TYE, PH.C., M.P.S.A. ...	<i>Assistant Pharmacist</i>
WAN-HENG TU	<i>Second Assistant Pharmacist</i>

OTHER OFFICERS

HELEN M. HOLLAND, R.N.....	<i>Anesthetist</i>
YUEH-CHING MA, M.D.	<i>Assistant Anesthetist</i>
MARY McMILLAN	<i>Physiotherapist</i>
STEPHEN WANG, B.A.....	<i>Custodian of Records</i>
JOHN L. PENNE.....	<i>Admitting Officer, Private Patients</i>
JULIA LIN	<i>Chief Admitting Officer, Public Patients</i>
GEORGE CHEN, B.A.....	<i>Administrative Assistant, Public Outpatient Service</i>
***HSUAN-TSI CHU, B.A.....	<i>Admitting Officer, Public Outpatients</i>
KUEI-CH'ING PU, B.A.	<i>Admitting Officer, Public Outpatients</i>

*From Sept. 1939

**To Mar. 1940

***On sick leave to Jan. 1940.

GOVERNING COUNCIL

MEDICAL SERVICES DIVISION

- DR. H. S. HOUGHTON, *Chairman*
DR. S. T. WANG, *Deputy Chairman*
MISS G. E. HODGMAN
DR. O. K. KHAW
DR. C. E. LIM
DR. H. H. LOUCKS
DR. T. H. LUO
DR. I. SNAPPER
DR. F. E. WHITACRE
MISS F. WHITESIDE
DR. I. C. YUAN
MISS M. E. FERGUSON, *Secretary*
DR. C. E. LIU, *Deputy Secretary*
-

CLINICAL RECORDS COMMITTEE

of

MEDICAL SERVICES DIVISION

- DR. C. N. FRAZIER, *Chairman*
DR. H. H. LOUCKS
DR. T. H. LUO
DR. I. SNAPPER
DR. F. E. WHITACRE
DR. I. C. YUAN
MR. STEPHEN WANG, *Secretary*

REPORT OF THE HOSPITAL SUPERINTENDENT

THE DIRECTOR,

Peiping Union Medical College

Sir:

I have the honour to submit the Thirty-second Annual Report of the Peiping Union Medical College Hospital for the year ending June 30, 1940.

The Hospital had an uninterrupted and an unusually busy year, the busiest, in fact, in its history. Every service, both for in and outpatients, was taxed to its utmost capacity. On account of the increased population and the stationary condition of hospitals and outpatient facilities in the city, hundreds of patients who applied have been unable to receive medical attention and care in this hospital during the year.

The total number of admissions during the year was 5,953 (Table I) of which 5,532 were Chinese and 421 foreign. Of this total, 4,909 were admitted to the public wards and 1,044 to the private wards, representing 82.3% and 17.7% of the total admissions respectively. There were also 603 admissions from members of the College staff and employees and their families, representing 10.1% of the total admissions.

The daily average number of patients in the Hospital was 309 as compared with 293 of the last year.

The daily average number of beds available for occupancy was 336 in comparison with 333 of the last year.

The percentage of bed occupancy (Table III and IV) based upon the available bed capacity of the Hospital was 91.9 compared with 88.2 in the previous year.

Days of quarantine on the Children's Ward were 33 as compared with 38 for the previous year.

A total of 112,814 days of hospital care (Table V) was given to 5,832 patients, showing an increase of 413 patients and 5,774 days over that of the previous year. There were 52,380 free days forming a percentage of 46.4 in comparison with 53.2 of last year.

During the past year there were 1,152 blood transfusions, showing a decrease of 72, as compared with that of previous year. Since September, the new system of Stored Blood Transfusion Service, organized by a subcommittee, started to function and proved to be quite satisfactory. Detailed accounts of this Service will be found in the report of Medical Services.

The Public Outpatient Service (Table VIII) cared for the following number of patients:

Year	New	Old	Total Patients	Total Visits
1939-40	21,402	12,811	34,213	179,847
1938-39	20,009	10,770	30,779	157,721
1937-38	17,307	9,865	27,172	134,892

Each patient averaged five visits. There were 30,518 free visits forming a percentage of 17.0 as compared with 22.7 of last year.

The Private Outpatient Service treated 3,477 patients (1,907 new and 1,570 old) with a total of 12,829 consultations. This is an increase of 568 patients and 3,982 consultations over that of the year before (Table IX).

The Emergency Service (Table X) had an attendance of 5,396 patients, of whom 3,130 were new cases and 2,266 old, showing an increase of 793 patients over the year 1938-39.

The reorganization of the Dental Clinic has been well carried out. Since February 1, 1940 the whole service moved to its new quarters in Lockhart Hall, with exception of the one in "J" IV which is still used for taking care of ward patients and College members.

The new Psychiatric Unit maintained in Lockhart Hall was ready for admission of new patients from April 8, 1940. The new ward has a capacity of 15 beds, thus bringing the total bed capacity of the Hospital up to 363.

During the year 358 bed days were added to the regular bed capacity of the Obstetrical Service; this is equal to one extra bed added to the Obstetrical Service throughout the year.

The bed capacity of the Hospital was reduced from 350 to 348 during the period July 1, 1939 to April 7, 1940 because one bed was removed from the Emergency Ward and another from the Children's Ward. The percentage of bed occupancy for the Hospital as a whole was based on 348 for the first period from July 1, 1939 to April 7, 1940 and on 363 for the second period from April 8 to June 30, 1940 after the opening of the Psychiatric Unit.

Throughout the entire year there was a great demand for private beds. The percentage of occupancy of the Private Pavilion reached 96.0 and many private patients recommended for admission had to be turned away.

The Physiotherapy Service, under charge of the Chief Physiotherapist, Miss Mary McMillan, gave 23,202 treatments to private and public ward patients and outpatients referred from different services in the Hospital during the past year.

It was a great satisfaction to have Mr. Chang T'ien-min, First Assistant, able to return in December last to full time duty following sick leave. The two Yenching graduates in the natural sciences who were granted a two year fellowship completed their first year on April 30 having covered a total number of 1,447 hours in theory, laboratory and demonstration in fundamental studies. Fifty four hours were spent with the pre-nursing students, 502 hours with the medical students and 450 hours in the various branches of physical therapy. The first trimester of the second term was spent in practical work in physical therapy.

Increased interest in Physiotherapy has been evident among the younger medical and nursing school graduates. At the request of the Nursing Service one or two of their graduates have had their schedules arranged to include definite hours spent in observation in this Service.

The regular intensive six hour course which covers a general survey of Physiotherapy was given to the fourth year medical students by Miss McMillan. Six talks and demonstrations were given to the first year nursing class, special emphasis being placed on the subjects that may be most helpful to the nursing students. One or two talks were also given on correct body mechanics and its practical value including the care of the feet and the choice of the shoe to meet the needs of the individual foot.

A special series of seven informal and practical talks was planned by the Chief of the Service to include the different departmental groups of the Hospital house staff members. Open discussion was encouraged which covered the variety of physiotherapeutic measures to meet the needs of the various Hospital services. Much interest was aroused as shown by a good attendance of the house staff members although the talks were not on their regular schedule.

Some interesting results are evident following experimental work in the treatment of Hongkong foot by means of the use of the lower ultra-violet germicidal rays from the water-cooled mercury quartz lamp. It is hoped to continue this study.

The total number of visits made by patients of the various services is shown in Table XI.

The accompanying table shows the numbers of the various types of treatments given.

<i>Type of Treatment</i>	<i>Number of Treatments</i>		
	1939-40	1938-39	1937-38
Massage	6,683	7,702	8,540
Muscle Training.....	789	651	811
Exercise	3,424	3,862	5,359
Passive Vascular Exercise.....	44	316	522
Faradic Current.....	136	186	206
Galvanic Current	464	772	1,094
Diathermy (Long-wave)	466	274	362
Diathermy (Short-wave).....	252	327	207
Sinusoidal Current.....	202	30	3
Electrical Baking	4,216	4,414	4,359
Artificial Sun Light	199	173	—
Ultra-violet Rays (Water-cooled).....	1,451	1,599	2,142
Ultra-violet Rays (Air-cooled)	1,470	1,408	1,139
Infra-Red Rays	3,049	3,040	2,901
Steam packs.....	8	27	8
Hydrotherapy		579	708
Showers - Douches	30		
Baths: Sitz, Contrast, Whirlpool	300		
Electric Light Cabinet Bath	19	1	1
Total	23,202	25,361	28,362

The Pharmacy, like other services, had a very busy year. The number of ward issues and prescriptions dispensed continued to show a steady increase.

	1939-40	1938-39	1937-38
Inpatients	16,498	15,361	12,618
Outpatients-Pay	71,223	63,697	46,366
„ -Free	10,053	9,678	10,344
Total	97,774	88,736	69,328

A satisfactory technique has been evolved for the preparation of large quantities of intravenous solutions although heavy demands were made on the autoclave.

A rigorous system for the detailed checking of receipts and issues of drugs has been set up.

In view of the high cost of drugs from abroad every effort has been made to manufacture as many preparations as possible from native supplies.

In January, Mr. John Cameron completed twenty years of valuable and efficient service as Chief Pharmacist and was succeeded by Mr. Arthur Tye as Acting Chief for the remainder of the year.

Dr. C. E. Liu was appointed Assistant Superintendent of the Hospital as from October 1939.

A new Nomenclature of Operative Procedures compiled by the Clinical Records Committee has been published for use in the Hospital.*

Deep appreciation must be recorded on behalf of the administrative staff, for the whole-hearted co-operation of members of the various services in carrying on their work during the year.

Detailed statistical tables and reports of different departments and divisions concerning the work done during the year will be found elsewhere in this report.

Respectfully submitted,

S. T. WANG, M.D.

Superintendent of the Hospital

* copies may be ordered from the Purchasing Department

TABLE I. ADMISSIONS AND DISCHARGES

CLASSIFICATION OF PATIENTS	CHINESE		FOREIGN		Total 1939-40	Total 1938-39	Total 1937-38
	Male	Female	Male	Female			
Patients carried forward to July 1, 1939	132	108	12	10	262	251	261
Admissions during the year:	2,514	2,338	187	219	5,258	4,916	4,531
New-born infants	346	334	8	7	695	664	683
Total number treated	2,992	2,780	207	236	6,215	5,831	5,475
Discharges during the year:	2,511	2,327	188	219	5,245	4,908	4,545
New-born infants	338	335	9	8	690	661	679
Patients remaining June 30, 1940	143	118	10	9	280	262	251

TABLE II. DISCHARGES BY SERVICES*

SERVICE	CHINESE		FOREIGN		Total		
	Male	Female	Male	Female	1939-40	1938-39	1937-38
MEDICINE							
General	627	322	62	73	1,084	1,032	867
Dermatology	49	16	4	1	70	49	65
Isolation	192	139	3	3	337	308	296
Neurology	120	57	12	12	201	141	119
Pediatrics	232	160	4	8	404	421	440
Total	1,220	694	85	97	2,096	1,951	1,787
SURGERY							
General	445	187	42	41	715	712	623
Orthopedics	224	78	12	7	321	365	347
Otolaryngology	305	192	29	23	549	511	470
Tumor	129	88	7	8	232	179	133
Urology	162	22	29	3	216	197	181
Total	1,265	567	119	82	2,033	1,964	1,754
OBS. & GYN.							
Gynecology		323		29	352	282	263
Obstetrics		787		26	813	789	798
Babies born	338	335	9	8	690	661	679
Total	338	1,445	9	63	1,855	1,732	1,740
OPHTHALMOLOGY	186	68	5	5	264	215	168
TOTAL	3,009	2,774	218	247	6,248	5,862	5,449

*Including 313 transfers.

TABLE III. DISTRIBUTION OF BEDS AND BED OCCUPANCY
OF THE PUBLIC WARDS

SERVICE	Distri- bution	PERCENTAGE OF OCCUPANCY												Total 1939-40	Total 1938-39	
		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June			
MEDICINE																
General	58	96.3	95.4	96.5	93.2	93.7	94.5	95.4	96.6	96.6	97.2	94.3	94.4	95.3	92.7	
Derm.	5	125.8	111.8	76.7	97.4	133.3	146.4	131.0	108.3	109.0	125.3	133.6	115.0	118.8	114.0	
Isolation	25	75.9	69.7	88.7	74.2	67.5	79.5	80.6	77.4	89.5	79.9	60.0	71.9	76.1	76.0	
Neurology	24	82.0	73.3	81.8	99.3	91.8	97.5	94.6	94.3	91.4	85.4	91.5	86.2	89.2	82.4	
Pediatrics	27	79.9	82.1	86.3	79.2	73.3	74.4	91.3	91.4	92.3	73.0	82.0	78.0	81.9	86.3	
Total	139	88.4	86.5	90.6	87.0	85.4	89.4	92.9	91.9	94.4	88.9	86.7	86.5	89.1	88.2	
SURGERY																
General	35	96.9	100.4	103.6	104.0	98.2	100.8	95.6	94.0	95.3	98.4	98.2	96.5	98.5	99.5	
Orth.	22	98.9	100.7	99.3	98.1	104.5	105.7	104.4	104.4	100.3	98.9	103.1	101.5	101.7	99.2	
Otolaryn.	11	94.2	99.4	79.2	90.3	84.5	78.3	89.4	90.5	90.9	86.6	88.6	94.6	88.8	87.9	
Tumor	12	105.2	106.8	100.0	107.5	114.2	117.7	111.3	107.7	114.0	106.7	112.1	103.9	109.2	106.5	
Urology	8	112.0	103.2	113.5	99.6	103.8	93.1	103.2	106.5	110.1	92.5	108.9	100.9	103.8	104.4	
Total	88	99.6	101.5	99.8	100.9	100.8	100.8	99.9	99.2	100.0	97.6	101.1	98.9	100.0	99.3	
OBS. & GYN.																
Gyn.	24	65.6	55.0	58.0	68.4	61.5	50.0	49.3	50.7	73.4	72.8	65.6	70.0	61.7	59.7	
Obs.	20	124.1	123.8	142.1	111.9	128.2	145.8	143.9	153.7	119.8	103.6	129.4	126.6	129.8	128.3	
Total	44	92.3	86.4	97.0	88.3	93.7	95.5	94.4	99.0	94.9	86.9	95.0	96.4	93.3	91.4	
Babies	26	73.4	55.5	74.2	72.9	77.8	81.9	89.5	77.8	79.7	61.2	64.5	76.6	73.8	70.7	
OPHTHAL- MOLOGY																
	18	80.2	89.5	94.1	85.5	95.5	91.8	84.2	86.6	91.6	82.7	94.2	88.4	88.7	76.7	
TOTAL	315	90.3	87.8	93.1	89.9	91.1	93.2	94.4	93.5	94.6	88.4	90.5	90.7	91.5	89.7	

STATISTICS

25

This table is based on the 300 assigned beds from July 1, 1939 to April 7, 1940 and on the 315 assigned beds from April 8 to June 30, 1940, and does not include 45 unassigned beds in the Private Pavilion, one private bed in the Children's Ward and 3 beds in the Emergency Ward. During the year 358 bed days were added to the regular bed capacity of the Obstetrical and Gynecological Services.

TABLE IV. BED OCCUPANCY OF THE PRIVATE PAVILION
Percentage of Occupancy

SERVICE	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Total 1939-40	Total 1938-39
MEDICINE														
General	28.6	35.1	43.2	34.0	30.2	29.8	34.1	38.9	37.1	24.3	25.0	22.6	31.9	31.6
Dermatology	0	0	1.3	.9	0	0	.2	0	.7	.6	1.4	.9	.5	1.0
Isolation	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Neurology	3.7	2.4	2.4	7.3	8.7	9.4	8.8	10.2	5.7	6.6	8.6	7.1	6.8	3.4
Pediatrics	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	32.3	37.5	46.9	42.2	38.9	39.2	43.1	49.1	43.5	31.5	35.0	30.6	39.2	36.0
SURGERY														
General	16.1	12.6	15.8	22.1	25.6	22.8	29.3	14.8	20.1	18.6	24.7	25.4	20.8	18.4
Orthopedics	11.7	12.6	6.9	4.4	7.2	8.1	4.6	7.9	5.5	5.8	9.6	12.6	8.0	7.8
Otolaryngology	3.7	8.4	4.6	2.6	3.7	.9	3.1	3.2	.7	7.8	5.0	3.0	3.9	2.5
Tumor	5.8	4.3	4.9	4.2	6.5	10.3	9.0	9.9	5.8	1.7	.1	3.8	5.5	2.8
Urology	4.9	3.2	3.3	6.0	5.3	6.0	.6	2.7	8.5	7.7	1.8	2.7	4.4	4.4
Total	42.2	41.1	35.5	39.3	48.3	48.1	46.6	38.5	40.6	41.6	41.2	47.5	42.6	35.9
OBS. & GYN.														
Gynecology	8.5	16.1	11.6	16.6	12.1	8.7	9.3	8.6	12.8	23.5	23.4	15.1	13.9	10.4
Obstetrics	0	0	0	0	0	0	0	.2	0	.1	0	.8	.1	.6
Total	8.5	16.1	11.6	16.6	12.1	8.7	9.3	8.8	12.8	23.6	23.4	15.9	14.0	11.0
OPHTHAL- MOLOGY	1.7	0	.8	0	0	0	0	0	0	.3	0	0	.2	1.6
TOTAL	84.7	94.7	94.9	98.1	99.3	96.0	99.0	96.4	96.9	97.0	99.6	94.0	96.0	84.6

This table is based on the 45 unassigned beds in the Private Pavilion. Those private patients treated in the assigned wards, as the Obstetrical Ward and Isolation Pavilion, are included in Table III.

TABLE V. DAYS OF TREATMENT AND
AVERAGE HOSPITAL DAYS

SERVICE	Days of Treatment			Average Hospital Days		
	1939-40	1938-39	1937-38	1939-40	1938-39	1937-38
TOTAL	112,814	107,040	98,312	19*	19*	19*
MEDICINE						
General	23,704	22,892	20,098	22	22	23
Dermatology	2,038	2,033	1,624	29	41	25
Isolation	5,964	5,631	5,166	18	18	17
Neurology	5,013	3,121	2,348	25	22	20
Pediatrics	7,676	8,337	8,037	19	20	18
Total	44,395	42,014	37,273	21	22	21
SURGERY						
General	15,513	15,192	14,660	22	21	24
Orthopedics	9,213	8,902	10,125	29	24	29
Otolaryngology	4,137	3,844	3,444	8	8	7
Tumor	5,509	4,967	3,808	24	28	29
Urology	3,686	3,708	3,198	17	19	18
Total	38,058	36,613	35,235	19	19	20
OBS. & GYN.						
Gynecology	7,685	6,936	5,590	22	25	21
Obstetrics	9,892	9,776	9,655	12	12	12
Babies born	7,068	6,559	6,339	10	10	9
Total	24,645	23,271	21,584	13	13	12
OPHTHAL- MOLOGY	5,716	5,142	4,220	22	24	25

*Based on discharges which do not include inter-service transfers.

TABLE VI. CLASSIFICATION OF PAY AND FREE TREATMENT DAYS

YEAR ENDING JUNE 30, 1940	PUBLIC WARDS			Total	SEMI-PRIVATE WARDS			PRIVATE WARD			Total	Grand Total
	Pay	Free			Pay	Allow- ance	Free	Pay	Allow- ance	Free		
		Outside Pts. and Employees	Outside Patients									
Adults	37,900	44,579	3,343	85,822	11,975	886	1,011	5,426	399	138	19,735	105,657
New Born	2,893	2,530	779	6,202	433	237	—	230	55	—	955	7,157
Total	40,793	47,109	4,122	92,024	12,408	1,123	1,011	5,656	454	138	20,790	112,814
Per cent	44.3	51.2	4.5	100	59.7	5.4	4.9	27.2	2.2	.6	100	
Per cent of Total	36.2	41.7	3.7	81.6	10.9	1	.9	5.1	.4	.1	18.4	100
Adults	31,423	48,661	3,205	83,289	10,205	950	595	3,585	731	349	16,415	99,704
New Born	2,322	3,158	729	6,209	567	358	0	90	112	0	1,127	7,336
JUNE 30, 1939	33,745	51,819	3,934	89,498	10,772	1,308	595	3,675	843	349	17,542	107,040
Per cent	37.8	57.9	4.3	100	61.4	7.5	3.4	20.9	4.7	2	100	
Per cent of Total	31.5	48.4	3.7	83.6	10.1	1.3	.5	3.4	.8	.3	16.4	100
Adults	24,463	50,433	3,248	78,144	7,710	611	472	2,470	594	247	12,104	90,248
New Born	2,356	3,978	740	7,074	507	213	0	147	123	0	990	8,064
JUNE 30, 1938	26,819	54,411	3,988	85,218	8,217	824	472	2,617	717	247	13,094	98,312
Per cent	31.5	63.8	4.7	100	62.7	6.3	3.6	20	5.5	1.9	100	
Per cent of Total	27.3	55.3	4.1	86.7	8.4	.8	.5	2.7	.7	.2	13.3	100

TABLE VII. DEATHS AND DEATHS PER 100 DISCHARGES

SERVICE	Discharges	Deaths	Deaths per 100 Discharges		
			1939-40	1938-39	1937-38
TOTAL HOSPITAL	5,935*	538	9.1	9.8	9.7
MEDICINE					
General	1,084	142	13.1	14.3	11.9
Dermatology	70	1	1.4	10.2	1.5
Isolation	337	50	14.8	18.8	17.9
Neurology	201	18	9.0	7.1	10.1
Pediatrics	404	96	23.8	26.6	27.0
Total	2,096	307	14.6	17.1	16.1
SURGERY					
General	715	76	10.6	11.5	11.9
Orthopedics	321	4	1.2	1.6	3.2
Otolaryngology	549	3	.5	.4	1.3
Tumor	232	13	5.6	5.6	5.3
Urology	216	5	2.3	3.0	3.3
Total	2,033	101	5.0	5.4	5.9
OBS. & GYN.					
Gynecology	352	12	3.4	.7	4.6
Obstetrics	813	26	3.2	2.3	2.1
Babies born	690	92	13.3	13.2	12.7
Total	1,855	130	7.0	6.2	6.6
OPHTHALMOLOGY	264	0	0	0	0

DEATH RATE AND POST-MORTEM EXAMINATIONS

	1939-40	1938-39	1937-38
Total hospital discharges	5,935	5,569	5,224
Gross deaths (all)	538	546	507
Gross death rate	9.1%	9.8%	9.7%
Deaths within 24 hours.....	130	139	126
Stillbirths.....	75	71	69
Net deaths (over 24 hours)	333	336	312
Net death rate.....	5.6%	6.0%	6.0%
Post-mortem examinations	277	202	239
Percentage of autopsies.....	51.5%	37.0%	47.1%

*Not including a total of 313 inter-service transfers entered in the figures of the services.

TABLE VIII. PUBLIC OUTPATIENT SERVICE VISITS

CLINIC	OUTPATIENTS						TOTAL 1939-40
	NEW		OLD				
	Male	Female	Clinic New		Clinic Old		
			Male	Female	Male	Female	
MEDICINE							
General	2,722	1,485	879	753	6,750	4,357	16,946
Dermatology	1,114	464	622	314	3,008	1,113	6,635
Heart	1	7	123	107	539	737	1,514
Isolation	355	268	279	189	780	368	2,239
Neurology	453	161	345	231	2,429	1,189	4,808
Pediatrics	1,208	775	422	211	7,272	4,629	14,517
Syphilis	60	60	385	174	8,701	4,439	13,819
Tuberculosis	18	12	463	274	2,695	1,634	5,096
Total	5,391	3,232	3,518	2,253	32,174	18,466	65,574
SURGERY							
General	2,882	966	961	473	27,209	10,232	42,723
Oral	231	152	684	598	1,889	1,704	5,258
Orthopedics	648	284	530	300	7,698	2,464	11,924
Otolaryngology	1,293	507	923	543	6,935	3,277	13,478
Tumor	290	189	238	126	4,304	3,318	8,465
Urology	974	4	566	149	9,502	282	11,477
Total	6,318	2,102	3,902	2,189	57,537	21,277	93,325
OBS. & GYN.							
Obstetrics	0	24	0	485	0	1,752	2,261
Gynecology	0	1,700	0	737	0	4,321	6,758
Total	0	1,724	0	1,222	0	6,073	9,019
OPHTHALMOLOGY							
General	1,381	714	726	494	3,778	2,332	9,425
Trachoma	0	0	0	0	1,542	962	2,504
Total	1,381	714	726	494	5,320	3,294	11,929
TOTAL CLINIC VISITS	13,630	7,772	8,146	6,158	95,031	49,110	179,847
1938-39	12,821	7,188	7,535	5,347	81,268	43,562	
1937-38	11,187	6,120	7,142	5,222	70,958	34,263	
TREATMENTS:	Physiotherapy X-ray Therapy						
TOTAL OUTPATIENT VISITS AND TREATMENTS							
Pay Visits							149,329
Free Visits							30,518
Percentage of Free Visits							17.0
Average Visits Per Clinic Day							580.2

TABLE VIII. (Continued)

VISITS		EMPLOYEES AND FAMILIES					TOTAL CLINIC VISITS	
		New		Old		TOTAL	1939-40	1938-39
1938-39	1937-38	Male	Female	Male	Female			
14,705	13,337	**	**	**	**	**	16,946	14,705
6,257	5,662	137	53	426	87	703	7,338	6,810
1,318	1,190	5	4	26	28	63	1,577	1,391
1,831	1,110	6	4	70	27	107	2,346	1,923
4,291	3,521	5	2	10	5	22	4,890	4,312
11,950	10,419	34	38	761	459	1,282	15,799	12,990
11,799	11,220	9	7	187	146	349	14,168	12,118
4,584	3,774	31	17	291	49	388	5,484	4,778
56,735	50,233	227	125	1,761	801	2,914	68,488	59,027
33,825	29,078	188	64	2,890	432	3,574	46,297	35,879
3,352	3,668	51	25	212	37	325	5,583	3,710
13,019	11,114	57	15	171	30	273	12,197	13,228
11,495	8,424	85	45	374	142	646	14,124	11,959
7,696	4,314	18	5	59	32	114	8,579	7,779
11,401	10,014	30	1	372	0	403	11,880	11,627
80,788	66,612	429	155	4,078	673	5,335	98,660	84,182
1,949	1,766	0	48	0	358	406	2,667	2,275
5,656	4,686	0	66	0	237	303	7,061	5,982
7,605	6,452	0	114	0	595	709	9,728	8,257
8,622	8,020	486	117	1,358	227	2,188	11,613	10,467
3,971	3,575	0	0	1,037	194	1,231	3,735	5,128
12,593	11,595	486	117	2,395	421	3,419	15,348	15,595
		1,142	511	8,234	2,490	12,377	192,224	
157,721		982	375	5,999	2,025	9,381		167,061
	134,892							
							7,277	7,571
							4,557	3,905
							204,058	178,537
121,927	95,733	Average Visits per Clinic Day					620.1	577.9
35,794	39,159							
22.7	29.0							
510.4	433.7							

** Medical cases are cared for under the Employees Clinic of the College Health Service, but other cases are referred to regular public outpatient clinics, and thus constitute part of the visits to the clinics.

TABLE IX. PRIVATE OUTPATIENT CONSULTATIONS

SERVICE	OFFICE CONSULTATIONS							HOME CALLS		TOTAL		
	OUTPATIENTS		OUTPATIENTS OLD				TOTAL	OUTPATIENTS		CONSULTATIONS & HOME CALLS		
	New		CLINIC NEW		CLINIC OLD			NEW	OLD	1939-40	1938-39	1937-38
	Male	Female	Male	Female	Male	Female						
MEDICINE												
General	559	323	252	243	1,192	896	3,465	8	15	3,488	2,636	1,687
Dermatology	50	16	86	58	350	187	747	0	0	747	710	486
Isolation	0	0	0	0	0	0	0	0	0	0	1	1
Neurology	35	14	77	47	98	84	355	0	1	356	241	143
Pediatrics	59	48	36	20	328	185	676	17	53	746	565	330
Total	703	401	451	368	1,968	1,352	5,243	25	69	5,337	4,153	2,647
SURGERY												
General	109	53	112	89	407	174	944	0	1	945	636	534
Oral	17	25	40	29	1,136	1,131	2,378	0	0	2,378	484	288
Orthopedics	46	37	71	78	171	121	524	1	2	527	381	247
Otolaryngology	65	50	132	161	242	250	950	1	1	952	708	550
Tumor	4	9	32	18	80	81	224	0	0	224	156	125
Urology	94	7	106	21	409	33	670	1	0	671	436	326
Total	335	181	543	396	2,445	1,790	5,690	3	4	5,697	2,801	2,070
OBS. & GYN.												
Obstetrics	0	5	0	18	0	316	339	0	0	339	458	472
Gynecology	0	215	0	218	0	730	1,163	0	1	1,164	898	537
Total	0	220	0	236	0	1,046	1,502	0	1	1,503	1,356	1,009
OPHTHAL- MOLOGY	37	30	96	86	65	80	394	1	1	396	734	598
TOTAL	1,075	832	1,090	1,086	4,478	4,268	12,829	29	75	12,933	9,044	6,324

TABLE X. EMERGENCY CASES

SERVICE	MALE		FEMALE		DISPOSITION		TOTAL	
	New	Old	New	Old	Homo	Admitted	1939-40	1938-39
MEDICINE								
General	599	463	406	343	1,376	435	1,811	1,518
Dermatology	3	4	4	3	12	2	14	19
Isolation	154	71	120	58	300	103	403	349
Neurology	15	7	5	12	31	8	39	28
Pediatrics	309	385	190	182	920	146	1,066	855
Total	1,080	930	725	598	2,639	694	3,333	2,769
SURGERY								
General	864	420	202	117	1,406	197	1,603	1,275
Orthopedics	3	5	0	1	5	4	9	13
Otolaryngology	16	9	5	6	31	5	36	23
Tumor	1	2	0	1	3	1	4	3
Urology	4	9	0	3	14	2	16	32
Total	888	445	207	128	1,459	209	1,668	1,346
OBS. & GYN.								
Obstetrics	0	0	171	94	65	200	265	339
Gynecology	0	0	44	46	45	45	90	100
Total	0	0	215	140	110	245	355	439
OPHTHAL- MOLOGY	12	20	3	5	38	2	40	49
GRAND TOTAL	1,980	1,395	1,150	871	4,246	1,150	5,396	4,603
TOTAL 1938-39	1,588	1,122	1,069	824	3,482	1,121	4,603	
TOTAL 1937-38	1,296	937	899	665	2,745	1,052	3,797	
Pay Cases.....							3,724	2,881
Free Cases							1,672	1,722

TABLE XI. PHYSIOTHERAPY VISITS

SERVICE	VISITS	Students and Staff	Inpatients		Outpatients		TOTAL
			Private	Public	Private	Public	1938-39
MEDICINE	First	15	15	32	5	52	119
	Return	100	122	430	82	708	1,442
Dermatology	First			4	2	9	15
	Return			35	23	125	183
Neur. & Psychiatry	First	2	12	23	6	33	76
	Return	149	158	277	51	399	1,034
Pediatrics	First			6		7	13
	Return			69		102	171
Syphilis	First					1	1
	Return					4	4
Tuberculosis	First				3	6	9
	Return				68	354	422
SURGERY	First	4	9	5	3	56	77
	Return	59	75	102	85	1,085	1,406
Oral	First						
	Return						
Orthopedics	First	12	13	20	39	214	298
	Return	107	246	374	734	3,826	5,287
Otolaryngology	First			1		11	12
	Return	24		3	31	215	273
Tumor	First		1	2		1	4
	Return		9	31		92	132
Urology	First					3	3
	Return					43	43
OBS. & GYN.	First		2	3			5
	Return		11	5			16
Obstetrics	First	1	6	3	7	63	80
	Return	33	39	20	116	938	1,146
Gynecology	First						
	Return						
OPHTHALMOLOGY	First	1		1		4	6
	Return	11		5		11	27
TOTAL		518	718	1,451	1,255	8,362	12,304

TABLE XII. CONSULTATION EXTENDED BY CLINICAL SERVICES
TO STAFF MEMBERS AND FAMILIES

CLINIC	NEW PATIENTS		OLD PATIENTS				HOME CALLS		Total Visits		
			CLINIC NEW		CLINIC OLD						
	Male	Female	Male	Female	Male	Female	Male	Female	1939-40	1938-39	
MEDICINE											
Dermatology	0	1	13	17	158	224	0	0	413	448	
Neurology	0	0	0	1	3	9	0	0	13	12	
Pediatrics	5	4	3	2	258	232	29	21	554	316	
Total	5	5	16	20	419	465	29	21	980	776	
SURGERY											
General	0	0	13	24	435	366	0	0	838	748	
Oral	0	0	46	92	292	348	0	0	778	1,523	
Orthopedics	0	0	16	11	35	59	0	0	121	123	
Otolaryngology	1	0	54	92	272	437	0	1	857	854	
Tumor	0	0	4	2	12	45	0	0	63	82	
Urology	0	0	10	2	48	10	0	0	70	83	
Total	1	0	143	223	1,094	1,265	0	1	2,727	3,413	
OBS. & GYN.											
Obstetrics	0	0	0	5	0	235	0	0	240	279	
Gynecology	0	0	0	5	0	77	0	0	82	107	
Total	0	0	0	10	0	312	0	0	322	386	
OPHTHALMOLOGY											
General	0	1	49	96	307	455	0	0	908	1,037	
Trachoma	0	0	0	0	605	710	0	0	1,315	1,399	
Total	0	1	49	96	912	1,165	0	0	2,223	2,436	
TOTAL	6	6	208	349	2,425	3,207	29	22	6,252	7,011	

STATISTICS

REPORT OF THE MEDICAL SERVICES

This Department has completed an interesting and busy year. The clinical material presented for study and treatment was unusually varied in spite of the limited bed capacity. The work done on the various services registered an increase over the preceding year.

As shown in the tables appearing elsewhere in this volume, the total number of inpatients cared for on the various medical services was 2,096, representing an increase of 7 per cent over the preceding year. This increase was shared by all the services except the Pediatric Service which showed a slight decrease. The percentage of occupancy of bed capacity increased from 88.2 to 89.1 on the public wards and from 36.0 to 39.2 on the private wards. The average number of hospital days per patient was 21, showing a slight decrease over the previous year. The ratio of deaths to discharges (14.6 to 100) was decidedly less than that of last year. Of the 307 deaths that occurred on the various medical services during the year, there were 151 post-mortem examinations, approximately 49 per cent. On the general medical service there were 142 deaths and 81 autopsies, giving an autopsy rate of 57 per cent. Compared with the statistics of last year, the increase in the number of autopsies this year was striking, undoubtedly the result of greater effort given to the matter by the members of the staff.

The work in the various public outpatient clinics consisted of 68,488 visits, an increase of 16 per cent over the preceding year. These visits were distributed among the various services as follows:

General Medicine	38.5 %
Dermatology & Syphilology	31.4 %
Pediatrics	23.1 %
Neurology & Psychiatry	7.0 %

There was also an increase in the number of private out-patient visits. The total for the year was 5,337, an increase of approximately 29 per cent. Visits to the emergency clinic continued to increase. During the year there were 3,333 emergency cases seen, representing an increase of about 20 per cent over the previous year.

The table on the following pages gives the number of analyses or examinations performed in the various special laboratories. The total volume of laboratory work again showed a marked increase over the previous year. The increased burden was borne especially by the chemical, clinical microscopy and tuberculosis laboratories.

The Dermatological Service gave the following special treatments: superficial x-ray 929, radium 45, quartz lamp 190, electrolysis 17 and carbon dioxide snow 15. A new x-ray apparatus has been installed in the dermatological clinic for therapeutic purposes and found very satisfactory.

The Division of Pediatrics was fortunate in having Dr. Irvine McQuarrie, Professor of Pediatrics in the University of Minnesota, as Visiting Professor from January to May 1940. His visit was a source of stimulation and pleasant association.

Psychiatric Unit. From April 1940 the Division of Neurology and Psychiatry has been running a new Psychiatric Unit on the second floor of the north wing of Lockhart Hall. It is a self-contained unit consisting of two wards (a 7-bed ward for women and an 8-bed ward for men), a treatment room, a laboratory, an occupational therapy room and offices for doctors, nurses and social workers. Since its opening the bed capacity has been fully utilized for the care of selected patients with mental disorders. The physical arrangement and administrative organization now adopted make it possible to examine and treat such cases adequately. With this Unit in operation, it fulfils a long felt need in the study and teaching of psychiatry.

Stored Blood Transfusion Service. After a period of study and preparation by a subcommittee composed of Drs. Loucks,

Whitacre and Snapper appointed by the Medical Services Division, a Stored Blood Transfusion Service was organized and began operating from September 1939. Starting with 8 stored blood transfusions for the month of September 1939, the number of such transfusions gradually increased so that it amounted to 86 for the month of June, 1940. The total number of specimens of stored blood dispensed by the Service was 467 for the 10-month period. During the same period there were 374 fresh blood transfusions, most of which were given during the early part of the period when the Stored Blood Transfusion Service had not yet been in full operation. In May and June 1940, practically all (98%) the blood transfusions were done with stored blood. The distribution of stored blood for use by department was as follows: Medicine 44%, Surgery 40% and Gynecology and Obstetrics 16%. There were no major untoward reactions from the transfusion of stored blood, although 8 instances of fever (1.7%), 4 instances of chilliness (0.9%) and 26 instances of urticaria (5.6%) were recorded. Three recipients had relapsing fever and three malaria probably due to blood transfusion. Attempt has been and is being made to avoid such incidents. It is felt that while storing blood at 4°C. for 3-7 days, as it is done here, may not obviate entirely the possibility of transfusion malaria or relapsing fever, the operation of the Service has greatly expedited blood transfusions, an indispensable feature in emergencies. The Service has been in charge of Dr. H. M. Sun under the supervision of the Division of General Medicine.

There were relatively few changes in the personnel of the Department. Dr. Benjamin H. Y. T'ang, Instructor in Medicine, and Dr. Chih-yi Wang, Assistant in Pediatrics, left in the summer of 1940 after completion of their services. Dr. Stephen K. P. Chang, Assistant in Medicine, was transferred to the Department of Public Health at the end of the year. Dr. C. K. Hu, Assistant Professor of Dermatology and Syphilology, spent the past year on study leave in the United States. Dr. K. C. Chen, Instructor in Medicine, and Dr. J. P. Wu, Instructor in Pediatrics, were absent on fellowship abroad to further their training. Dr. H. C. Li,

Assistant in Dermatology and Syphilology, returned in the fall of 1939, Dr. C. T. Teng, Assistant in Medicine, and Dr. Y. K. Hsu, Assistant in Neuro-psychiatry, returned in the spring of 1940 from their respective fellowship abroad. Dr. S. N. Ts'ao was appointed Assistant in Dermatology and Syphilology from the summer of 1939. Dr. T. F. Yu served as Resident Physician.

I. SNAPPER

*Professor of Medicine and
Head of the Department*

CLINICAL LABORATORIES OF THE
DEPARTMENT OF MEDICINE

July 1, 1939-June 30, 1940

LABORATORY	SPECIMEN AND DETERMINATION	Number 1939-40	Total 1939-40	Total 1938-39
Cardiac	Electrocardiogram, heart sound and pulse tracing	1,452 8	1,460	1,165
Chemical (Quantitative)	<i>Blood, 5,231 specimens</i>			
	Bilirubin	663		
	Bromides as NaBr	3		
	Bromsulphalein test	11		
	Calcium	904		
	Carbon dioxide combining power	1,542		
	Carbon monoxide content	7		
	Chlorides	170		
	Cholesterol	466		
	Creatinine	388		
	Creatine	12		
	Fat, Total	9		
	Nitrogen, Amino acid	32		
	" Non-protein	2,492		
	" Urea	139		
	Oxygen capacity	7		
	Phosphatase	306		
	Phosphorus, Inorganic	864		
	Plasma albumin	586		
	" euglobulin	153		
	" fibrinogen	164		
	" globulin	560		
	" protein, Total	7		
	" pseudoglobulin I	133		
	" " II	133		
	Sugar	2,579		
	Uric acid	924	13,254	10,249
	<i>Cerebro-spinal fluid, 306 specimens</i>			
	Bilirubin	6		
	Chlorides	231		
	Protein, Total	257		
	Sugar	235	729	784
	<i>Pleural and other fluids, 65 specimens</i>			
	Bilirubin	33		
	Calcium	2		
	Cholesterol	16		
	Fat	6		
	Nitrogen, Non-protein	3		
	Phosphorus	2		
	Protein	9		
	Sugar	2		
	Uric acid	1	74	34

CLINICAL LABORATORIES (*continued*)

LABORATORY	SPECIMEN AND DETERMINATION	Number 1939-40	Total 1939-40	Total 1938-39
	<i>Urine</i> , 318 specimens			
	Bilirubin	5		
	Calcium	10		
	Chlorides	28		
	Cholesterol	1		
	Creatine	8		
	Creatinine	8		
	Nitrogen, Amino acid	1		
	" Non-protein	2		
	" Total	2		
	" Urea	134		
	Phosphorus	10		
	Proteins	4		
	Renal function tests (P.S.P.)	42		
	Sugar	52		
	Uric acid	2		
	Qualitative tests	10	319	358
	<i>Miscellaneous</i> , 71 specimens			
	Various analyses	79	79	101
Clinical microscopy	Urinalysis, routine	11,321		
	Urine, Guaiac tests	8		
	" bile	5		
	" urobilin	3		
	" sugar	217		
	" acetone	153		
	" sediment	156		
	Stool, amebae	70		
	" Guaiac test	349		
	Sputum, T. B.	16		
	Blood, W. B. C.	1,868		
	" R. B. C.	460		
	" Hgb.	2,726		
	" smear	2,753		
	" globulin test	339	20,444	13,546
Dermatological	Animal inoculation	269		
	Culture of hair and scraping (molds)	11		
	Darkfield examination (<i>T. pallidum</i>)	312		
	Microscopic examination (molds)	531		
	Microscopic examination (<i>A. scabiei</i>)	242		
	Smear (acid-fast bacilli)	9	1,374	1,480
Metabolic	Basal metabolic rate	695		
	Gastric analysis	106	801	772
Neuro-pathological	Brain autopsies	255	255	211
Parasitic diseases	Blood (malaria)	86		
	" (relapsing fever)	11		
	Sternal and spleen smear (kala-azar)	97		
	Stools (parasites and ova)	7	201	523

CLINICAL LABORATORIES

CLINICAL LABORATORIES (*concluded*)

LABORATORIES	SPECIMEN AND DETERMINATION	Number 1939-40	Total 1939-40	Total 1938-39
Tuberculosis	Blood sedimentation rate Sputum Stool Urine Fluid (spinal, pleural, etc.) Pus	1,811 3,490 367 380 202 193	6,443	5,163
	GRAND TOTAL		45,433	34,386

REPORT OF THE SURGICAL SERVICES

In terms of the number of patients cared for both in the hospital wards and in the Outpatient Department, the past year has been the busiest in the history of the surgical services. The total number of inpatients treated was 2,033 and the total number of outpatient visits (all surgical clinics) was 108,724, the latter figure being an increase of 15 per cent over that of the previous year. Except in the case of the newly reorganized Dental Clinic, this increase in attendance did not come as a result of improvement in the facilities provided for the reception and care of patients, or of an increase in professional personnel. It was unsolicited and occurred despite earnest attempts to limit the registration in most of the clinics. As pointed out a year ago, this increase in attendance cannot be viewed with equanimity as long as the size of the clinical staff remains fixed. It cannot be in the interest of patient, doctor or student to allow the volume of work to increase beyond the point at which adequate attention can be provided and beds be furnished for at least a reasonable percentage of the clinic patients requiring hospital care.

Even more significant than the increase in the public outpatient clinic attendance was the increase (111 per cent) in the number of patients registered for the private surgical clinics. Even if the figures for the new Dental Clinic are excluded, this increase still was 43 per cent. The increasing load of patients of this particular category throws a tremendous burden on an already busy staff and tends to reduce productiveness and efficiency. On the other hand, limitation of the numbers of patients attending the clinics is more simple in its theoretical aspects than in its practical application. When a daily limit is placed on the number of registrations it rapidly becomes impossible for a new patient, whose condition does not warrant classification as an emergency, to get an appointment within two or three weeks'

time, and perhaps impossible thereafter to secure admission to the hospital, if admission is necessary, for another two to four weeks. This situation is highly unsatisfactory, not only from the point of view of the treatment of conditions which may become serious within the period of waiting but also from the point of view of the out-of-town patient who is forced to exhaust his limited financial resources for board and lodging before he can be admitted to the hospital. Although it is obvious that the Hospital cannot continue to expand indefinitely to meet the growing demands of its environment, it must be equally obvious that the problems created by the peculiar situation of this institution in this community are both many and difficult of solution.

The type of work carried out remained much as usual and may be considered fairly representative of normal civil practice in North China. Certain shifts of interest on the part of the staff resulted in the admission of larger numbers of patients suffering from particular diseases. For example, the number of cases of carcinoma of the esophagus studied in the Hospital during the past year was unusually high. Many more neurological operations were performed than in any previous period of equal length. The organization of an Ear, Nose and Throat Allergy Clinic also attracted large numbers of patients, and Dr. C. S. Chang's contribution in this field proved very beneficial to the work of the Department.

Complete reorganization of the Dental Service under the direction of Dr. J. L. Boots with the setting up of a new Dental Clinic in Lockhart Hall provided for the first time a complete and adequate service in this specialty. The statistical tables show graphically the response of the hospital clientele to the establishment of this service.

Certain problems other than the increased number of patients still are outstanding and await what is hoped may be an early solution. Among them is the relocation of the Tumor Clinic in closer physical proximity to the Department of Radiology. The provision of more adequate and more modern equipment for x-ray therapy is another.

Because they remain incompletely incorporated in the main list of operations published at the end of this report, a list of special procedures carried out in the Urologic Clinic is given here. Lists of apparatus made in the Plaster Clinic and Orthopedic Shop also are provided.

Personnel: Dr. H. E. Shih was absent for most of the year on furlough during which period he represented the College at the Pan-Pacific Congress of Surgeons in Honolulu, and subsequently worked for a period of six months with Dr. Chas. B. Huggins at Chicago. Drs. H. T. Kimm, C. S. Chang and H. C. Fang returned early in the autumn following periods of study abroad, and Dr. Y. C. Chao reached Peking in December.

Dr. Y. K. Wu was appointed Instructor in Surgery at the beginning of the year following the completion of his term in the Residency, and Dr. Y. C. Fan assumed the post of Resident Surgeon.

H. H. LOUCKS
*Professor and Head of the
Department of Surgery*

SPECIAL PROCEDURES CARRIED OUT IN THE UROLOGY CLINIC

	1939-40	1938-39
Cystoscopy including cases with ureteral catheterization	456	289
Urography, retrograde	104	77
excretory	69	56
cystourethrography.....	40	32
Cystometrography	37	30
Cystoscopy, ureteral dilatation and pelvic lavage...	17	10
Cystoscopy and litholapaxy	1	2
Cystoscopy and removal of foreign body.....	3	3
Cystoscopy and biopsy	4	0
Cystoscopy and coagulation of bladder tumor.....	28	2
Dilatation and irrigation of bladder	16	28
Catheterization of bladder.....	31	2
Transurethral resection of prostate	0	1
Urethroscopy (diagnostic and therapeutic).....	95	180
Dilatation of urethra (sounding).....	1,025	1,215
Circumcision	220	164
Dorsal slit	9	36
Meatotomy	24	23
Fulguration	25	17
Excision, biopsy, and division of adhesions	11	17
Vasectomy.....	0	1
Incision and drainage.....	51	50
Removal of stone (urethral and preputial)	3	1
Pneumoadrenalography.....	4	0
Miscellaneous	4	7
Total.....	2,277	2,243

Work Carried out in the Plaster Clinic**Casts:**

Leg cast, short	45
Leg cast, long.....	63
Arm cast, short	15
Arm cast, long	16
Plaster boot.....	9
Plaster collar	2

Jackets:

Plaster jacket.....	17
Plaster bed	125

Splints:

Leg splint, short	21
Leg splint, long.....	44
Arm splint, short	42
Arm splint, long.....	33
Cock-up splint.....	11
Knee cage	3
Clavicular figure-of-eight splint	1

Spica:

Shoulder spica	46
Hip spica	114
Repair of cast.....	19
Plaster model for brace	1

Apparatus Manufactured in the Orthopedic Shop**Artificial Limbs:**

Artificial leg, short	21
Artificial leg, long	6
Artificial arm, long	1
Plaster pylon, short	2
Plaster pylon, long	2
Artificial foot.....	4
Artificial hand	4
Repair of artificial limb	10

Braces and splints:

Body brace	12
Body corset.....	4
Leg brace, short.....	9
Leg brace, long	7
Airplane splint	2
Wire arm splint.....	5
Leather collar	4
Knee cage	2
Colostomy belt	12
Hernia belt	4
Sacroiliac belt	2
Foot drop belt	1
Repair of brace or splint	10

Shoe-work:

Wooden model for shoe	1 pr.
Alteration of shoe	9 "
Wooden heels.....	2 "
Insoles, leather.....	46 "
Insoles, duraluminum	82 "
Insoles, cork	1 "
Repair work	8 "
Surgical instruments	6
Complete skeletal traction set	4
Repair of surgical instruments.....	5

Miscellaneous:

Head suspension straps	2
Walking iron stirrup	34
Bradford frame	3
Crutches	2 pr.
Repair of rubber apron	4

REPORT OF THE OBSTETRICAL AND GYNECOLOGICAL SERVICES

The Department of Obstetrics and Gynecology has as a whole functioned better than in the previous year. New methods of procedure have been instituted which have added both to the patients' welfare and to the interest in the work of the Department. The problem of sterilization where urgently indicated has always been unsatisfactory. In the past, many Cesarean sections have been performed solely in order to sterilize at term. This problem has been solved by a simple method of sterilization from one to two hours after a normal delivery. In about fifty cases thus treated there has been no mortality and very little morbidity. In the convulsive toxemias of pregnancy we have energetically treated the toxemia and then induced labor. This has been successful, without subjecting the patient to Cesarean section. For these reasons, although the number of patients has increased, the number of Cesarean sections has decreased.

The number of admissions of both obstetrical and gynecological cases has been taxing our bed capacity to the utmost. The increase in patients is illustrated in the report of our Outpatient Department. For the year July, 1938 to June, 1939 there were 2,935 patients who attended the antenatal clinic; in the year 1939-1940 there were 3,349. In the year 1938-1939 in the same clinic 5,414 gynecological patients received care, and in the year 1939-1940 there were 5,900 gynecological cases. We delivered 517 of our antenatal patients in the hospital and the total number of deliveries was 672. The Department took care of 355 emergency cases. These admissions accounted for 245 blood transfusions. This increase has added to our teaching material, but has considerably increased the load on the Department, and it seems clear that it is not desirable to let the Outpatient Department outgrow the capabilities of our staff and our bed capacity. During the past year 154 of our antenatal patients were delivered

at home by a trained midwife or doctor provided by some other institution, as compared with 70 for the previous year. This arrangement is still not entirely satisfactory, and plans have been made to refer more cases for home delivery and to other hospitals, and to use the former as teaching material for students. This important function of an obstetrical department has up to now been largely neglected.

There were few changes in the departmental personnel. Dr. Edward Young served as Resident, and has since left the Department to go into private practice. Drs. Y. K. K'o and B. C. Chan continued in charge of malignant tumor work. Drs. A. C. Lin and C. S. Lu have been doing interesting work in the field of endocrinology. Drs. Lin Sung and H. W. Wang have done the work in gynecological pathology. Dr. K. T. Lim has been on a fellowship at the University of Chicago where she is making special studies on the physiology of reproduction. Our assistant residents are working with members of the academic departments on problems of interest in obstetrics and gynecology. Thus the purely scientific and clinical aspects of investigative work have been forwarded.

F. E. WHITACRE

*Professor of Obstetrics and Gynecology
and Head of the Department*

REPORT OF THE OPHTHALMOLOGICAL SERVICE

The amount of inpatient and outpatient clinical work done is shown in the detailed statistical tables appearing in the Report of the Superintendent.

Altogether 3,315 new patients were seen by the Public Outpatient Service, that is, 315 more patients than the year before. This difference represents an increase of 9.5% in new clinical material. The Ophthalmological Service complied with 1,142 requests for consultation as against 1,028 the year before.

During the year under review 254 major operations (239 the previous year) and 341 minor operations (354 the year before) were performed.

TEACHING

Dr. T. H. Luo, Acting Head of the Department, gave the lecture course for the third year medical students. Drs. T. H. Luo and C. K. Lin, assisted by Dr. G. C. Liu, instructed the fourth year medical students in the practical part of ophthalmology. The teaching of the second year students in method of examination was carried out by the Acting Head of the Department. The first year nursing undergraduate instruction was given by Dr. G. C. Liu.

During the year two physicians attended the clinics as graduate students and three as observers.

PERSONNEL

Dr. Peter C. Kronfeld, Head of the Department, resigned from the institution in July 1939. Dr. Frank E. Burch was Visiting Professor of Ophthalmology in the Department for four months, from January to April 1940. Dr. C. K. Lin, upon completion of his year of study abroad, returned to the Department.

T. H. Luo

Acting Head of the Department

REPORT OF THE RADIOLOGICAL SERVICES

ROENTGEN DIAGNOSIS

During the past year the volume of the diagnostic work has again reached the limit of the capacity of the present organization after a period of lighter activity of two years. The number of patients referred for diagnosis and the number of examinations made show an increase of 2,269 and 2,674 respectively, as compared with the statistics of the previous year.

There has been no important change in the physical plant in the diagnostic service except the addition of a laminagraphic apparatus. The constant line fluctuation of the electric supply to the machines is still a source of difficulty in the standardization of technique.

PATIENTS EXAMINED

Year	Inpatients	Staff and Students	Private Outpatients	Public Outpatients	Total
1939-40	2,925	2,301	979	4,396	10,601
1938-39	2,569	1,518	726	3,519	8,332

CLASSIFICATION OF X-RAY EXAMINATIONS

	1939-40	1938-39
Chest (lung, heart, etc.)	6,239	4,702
Bone and Joint	3,252	2,134
Skull (including mastoid, sinuses, etc.)	954	696
Gastro-intestinal tract	919	781
Urinary tract	304	259
Female reproductive system	87	60
Teeth	—	462
Soft tissue	105	92
Total	11,860	9,186

ROENTGEN THERAPY

The number of patients treated with x-rays as compared with that for the past year is increased by 78 (16.5%). The increase is largely in cases of superficial treatments. In deep therapy the number of patients constitutes the maximum that the service can manage with the present organization.

SERVICES	NUMBER OF PATIENTS	Deep	Superficial	Total	Total
		Roentgen Therapy	Roentgen Therapy	1939-40	1938-39
General Surgery	12	133	145	132	
Tumor	107	37	144	157	
Urology	13	8	21	22	
Otolaryngology	7	11	18	12	
Orthopedics	2	49	51	16	
Gynecology	72	1	73	71	
General Medicine	22	5	27	17	
Pediatrics	1	5	6	5	
Neurology	6	1	7	2	
Dermatology		7	7	9	
Tuberculosis	2	6	8	8	
Isolation Unit		19	19	5	
College Health	1	4	5	2	
Ophthalmology		6	6	5	
Radiology	2	10	12	8	
Total 1939-40	247	302	549		
Total 1938-39	219	252		471	

RADIUM AND RADON THERAPY

The radon plant has been in satisfactory operation as in preceding years. There is no significant variation in the use of radium or radon by different clinical services as shown in the accompanying table.

USE OF RADIUM AND RADON BY SERVICES

SERVICE	Surgery	Urology	Otolaryn- gology	Gynecology	Ophthal- mology	Derma- tology	Total 1939-1940	Total 1938-1939
New Patients	103	2	10	70	14	22	221	177
Total Patients	132	2	12	113	27	50	336	283
Total Treatments	175	2	13	205	56	58	509	489
Radium: Total Mg. Hours	39,891	2,300	1,200	12,818		836	57,045	43,216
Radium: Total Mg. hours available							981,120	981,120
Radon: Total Mc. hours	22,853	332	1,090	385,781	2,368	125	412,549	255,786
Radon: Total Mcs. used	171.4	2.5	8.2	2,894.1	17.7	0.9	3,095	1,923
Radon: Total Mcs. available							23,428	21,408

PERSONNEL

Dr. Shao-hsün Wang went abroad on study leave in August; he spent most of the year at the Mayo Clinic and the University of Pennsylvania. Dr. F. Y. Khoo resigned in September to take up an important teaching position elsewhere.

C. K. HSIEH

*Professor of Roentgenology and
Head of the Department*

REPORT OF THE BACTERIOLOGICAL AND IMMUNOLOGICAL SERVICES

In an attempt to increase the efficiency of the bacteriological service, and to place the responsibility among the proper persons, a new system of supervision has been introduced this year. Hitherto, the supervision of this service was on a rotation basis, each member of the Department, regardless of his own interest, was asked to undertake it for a period of several months. Beginning from the middle of the present year, the service was divided into four separate fields - each under a person who was doing active research on his lines. Thus we have one person in charge of the blood cultures, another, stool cultures and Widal tests, a third, pus and fluid cultures, and a fourth, throat cultures and examination for tuberculosis. It is hoped that in the future, with additional personnel, special persons may be found to be in charge of mycological examinations and in the study of anaerobic cultures. In this way, better results are to be expected and no opportunity will be lost to study anything worthwhile among the wealth of routine material examined.

The increase in the specimens examined in the bacteriological and serological laboratories since the beginning of the Service can be seen from the following tabulation.

<i>Periods</i>	<i>Bacteriological Specimens and Tests</i>	<i>Serological</i>		<i>Technicians and Helpers</i>
		<i>Specimens</i>	<i>Tests</i>	
1925 - 1926	7,904	9,404	10,154	11
1929 - 1930	10,859	12,432	22,836	11
1934 - 1935	13,514	19,492	52,032	12
1939 - 1940	22,012	24,707	50,948	12

For the sake of simplicity, only four representative periods have been presented. It is specially to be noted that while the specimens examined have been increased two or three folds

the personnel in the Department has remained rather constant. Were it not for the introduction of a number of simplified procedures mentioned in previous reports, the work could not have been carried out at all. Even with these improvements, the time seems to have arrived that further increase cannot be compatible with satisfactory work. The logical solution which goes with the steady growth of the hospital is for an increase in the technical staff, which we hope may be forthcoming in the near future.

The total number of bacteriological examinations would be even larger if the laboratory under the Department of Public Health had not undertaken to examine during the present year most of the follow-up cultures of proven cases of diphtheria and all the cultures from contacts. This was done in connection with their study in the epidemiology of diphtheria in Peking. Otherwise, it would have been difficult to see how we could have gotten along with the present staff.

Biological Products Service: Following the successful operation of this important service last year, a separate division has been set up under the supervision of Dr. S. M. Tao, one time Acting Director of the Epidemic Prevention Bureau, Peking. At the same time, closest cooperation has been maintained by this Service with the Department of Bacteriology. Besides the various vaccines and diphtheria toxoid manufactured in the previous year, diphtheria and tetanus antitoxins were added to its list of regular production. However, typhus vaccine was prepared as before in the Department but distributed by the Service. The surplus products over the supply of the needs of the Hospital and the College have been distributed to over 60 institutions situated in six provinces, which could not otherwise secure the same without a great deal of difficulty.

Personnel: Dr. T. J. Kurotchkin, who has been connected with this Department since its organization in July 1930, and who has rendered invaluable services besides his many teaching and research duties, resigned at the end of December, 1939, to

accept an appointment with the Lederle Laboratories, Inc., Pearl River, N. Y. His services in serological and mycological examinations will be specially missed. Dr. P. Y. Liu, who has studied in this Department for the past three years, resigned from an appointment of research fellowship to go to work under Prof. Zinsser at Harvard as a China Foundation and Rockefeller fellow. Dr. Samuel Zia returned in November after nine months' absence in Europe and America visiting different laboratories and attending the Third International Congress of Microbiology. Dr. C. E. Lim, the Head of Department, left for America for a brief but much deserved furlough. Dr. T. T'ung was granted leave of absence by the Trustees to spend a year at the School of Hygiene of the Johns Hopkins University. Dr. K. H. Pang continued his studies under the demonstrator system. Dr. P. C. Ku of the Department of Public Health spent a large part of her time in this Department, examining methods for the epidemiological studies of bacillary dysentery. As usual, several trained technicians spent from one to three months in these laboratories for advanced training.

SAMUEL H. ZIA

*Associate Professor and Acting
Head of the Department*

BACTERIOLOGICAL LABORATORY

Specimens	Number tested	Number positive
Bile	71	44
Blood—agglutination	2,988	
Widal		848
Weil-felix		97
B. abortus		10
B. dysenteriae		52
B. enteritidis		33
Meningococcus		1
Miscellaneous		2
Culture	1,866	433
Fluid—agglutination	2	2
Culture		
Ascitic	131	24
Pericardial	24	7
Pleural	235	50
Spinal	586	88
Guinea pig inoculation	9	5
Milk examination	323	237
Sputum—culture	1,303	533
Guinea pig inoculation	15	2
Stool—culture	5,264	750
Swab—culture		
Ear	48	45
Eye	382	265
Mastoid	3	1
Nose	765	330
Pus	3,388	2,076
Throat	1,861	1,367
Guinea pig inoculation	5	5
Tissue—culture	192	154
Guinea pig inoculation	2	2
Urine—culture	2,261	983
Guinea pig inoculation	2	—
Water examination	286	12
Total	22,012	8,458

SEROLOGICAL LABORATORY

	Specimens	Tests
Blood (Compatability test)	6,147	
Grouping		4,722
Matching		1,425
Blood	399	
Complement-fixation for G.C.....		304
Hydatid Cyst		95
Blood (Syphilitic Test).....	17,375	
Kahn		9,136
Kline		17,195
Wassermann		16,900
Spinal fluid	486	
Gum Mastic		385
Wassermann.....		486
Other Body Fluid	20	20
Outside Specimens	280	280
Total	24,707	50,948

REPORT OF THE PATHOLOGICAL SERVICES

DIVISION OF PARASITOLOGY

TABLE SHOWING THE INCIDENCE OF
INTESTINAL PROTOZOA AND OF HELMINTH INFECTIONS DIAGNOSED
BY THE PARASITOLOGICAL DIAGNOSTIC LABORATORY

from July 1, 1939 to June 30, 1940.

	1939-40	1938-39
Total cases examined	6,823	6,461
Total examinations made	16,279	15,565

	Number Positive Cases	Per cent Positive Cases
<i>PROTOZOA</i>		
Entamoeba histolytica	93	1.36
Entamoeba coli	640	9.38
Endolimax nana	364	5.33
Iodamoeba buetschlii	144	2.11
Giardia lamblia	125	1.83
Trichomonas hominis	66	0.97
Chilomastix mesnili	52	0.76
Dientamoeba fragilis	1	0.01
<i>HELMINTHS</i>		
Ascaris lumbricoides	2,173	31.85
Ancylostoma or Necator	89	1.30
Trichocephalus trichiurus	43	0.63
Enterobius vermicularis	10	0.15
Trichostrongylus orientalis	2	0.03
Clonorchis sinensis	7	0.10
Fasciolopsis buski	3	0.04
Schistosoma japonicum	2	0.03
Taenia spp.	33	0.48
Hymenolepis nana	12	0.18
Cysticercus cellulosae*	1	0.01

*Cyst removed from the brain of a patient during operation.

PARASITOLOGICAL EXAMINATIONS OF BLOOD MADE BY THE
PARASITOLOGICAL DIAGNOSTIC LABORATORY

from July 1, 1939 to June 30, 1940

Number of persons examined 737*
Number of examinations made 1,344

	Number Positive Cases	Per cent Positive Cases
Plasmodium vivax	81	11.00
Plasmodium falciparum	3	0.41
Spirochaeta recurrentis	11	1.49

*This number represents only those suspicious and doubtful cases which have been examined by this laboratory.

EXAMINATIONS FOR LEISHMAN-DONOVAN BODIES MADE BY THE
PARASITOLOGICAL DIAGNOSTIC LABORATORY

from July 1, 1939 to June 30, 1940

Number of cases examined 301*
Number of positive cases 115

	Total Number of Examinations	Number Positive Examinations	Per cent Positive Examinations
Smear of splenic pulp	5	2	40.00
Culture of splenic pulp	1	0	0
Smear of liver material	5	0	0
Culture of liver material	1	0	0
Smear of blood	1	0	0
Smear of bone marrow	13	2	15.38
Smear of sternal marrow	369	113	30.62
Culture of sternal marrow	11	0	0

*This number represents only those suspicious and doubtful cases which have been referred to this laboratory for examination.

DIVISION OF PATHOLOGY

AUTOPSIES ON INPATIENTS AND OUTPATIENTS

SERVICE	Deaths			Autopsies			Percentage		
	Chinese	Foreign	Total	Chinese	Foreign	Total	Chinese	Foreign	Total
INPATIENTS:									
Medicine	134	8	142	73	8	81	54.48	100.00	57.04
Dermatology	1	-	1	-	-	-	0	-	0
Isolation	50	-	50	21	-	21	42.00	-	42.00
Neurology	18	-	18	7	-	7	38.89	-	38.89
Pediatrics	96	-	96	42	-	42	43.75	-	43.75
Obs. & Gyn.									
Adults	38	-	38	9	-	9	23.68	-	23.68
Infants	92	-	92	72	-	72	78.26	-	78.26
Surgery	86	2	88	38	2	40	44.19	100.00	45.45
Orthopedics	4	-	4	2	-	2	50.00	-	50.00
Otolaryngology	4	-	4	1	-	1	25.00	-	25.00
Urology	5	-	5	2	-	2	40.00	-	40.00
OUTPATIENTS:									
Medicine	52	-	52	9	-	9	17.31	-	17.31
Isolation	8	-	8	4	-	4	50.00	-	50.00
Pediatrics	11	-	11	6	-	6	54.55	-	54.55
Obs. & Gyn.	2	-	2	-	-	-	0	-	0
Surgery	7	-	7	2	-	2	28.57	-	28.57
Otolaryngology	1	-	1	-	-	-	0	-	0
Total	609	10	619	288	10	298	47.29	100.00	48.14

HOSPITAL CASES:

Inpatients 277

Outpatients 21

Non-registered fetus 1

OUTSIDE CASES 17

Total 316

The number of autopsies (298) on hospital cases is the highest ever recorded in the history of this Hospital. The percentage of deaths autopsied (48.14) is second only to that of 1929-30 which is 53.58. This remarkable increase is due to some modification in the regulation of admission of emergency cases.

The following table shows the number of autopsies performed on both inpatient and outpatient cases during the past ten years.

Year	Deaths			Autopsies			Percentage		
	Chinese	Foreign	Total	Chinese	Foreign	Total	Chinese	Foreign	Total
1930-31	266	12	278	69	6	75	25.94	50.00	26.98
1931-32	326	14	340	93	7	100	28.53	50.00	29.41
1932-33	417	14	431	93	12	105	22.30	85.71	24.36
1933-34	481	12	493	187	11	198	38.88	91.67	40.16
1934-35	503	19	522	205	15	220	40.76	78.95	42.15
1935-36	472	20	492	196	15	211	41.53	75.00	42.89
1936-37	508	23	531	195	16	211	38.39	69.57	39.74
1937-38	550	9	559	242	7	249	44.00	77.78	44.54
1938-39	602	9	611	203	6	209	33.72	66.67	34.21
1939-40	609	10	619	288	10	298	47.29	100.00	48.14

SURGICAL PATHOLOGY

The total number of specimens received during this year is 4,347, which shows an increase of 473 specimens over that of the previous year.

SURGICAL SPECIMENS

	Hospital Patients	Outpatients	Total
Medicine	41		41
Dermatology	6		6
Neurology	1		1
Surgery	1,365	1,351	2,716
Dentistry	2	3	5
Otolaryngology	366	29	395
Obs. & Gyn.	342	324	666
Ophthalmology	24	14	38
Total	2,147	1,721	3,868
Outside			479
Total			4,347

Note:—During the year 1939-40 we have also received 10 dogs, 1 cat and 2 horses for pathological examination.

The following table shows the number of specimens received during the past 10 years.

SERVICE \ YEAR	YEAR									
	1930-31	1931-32	1932-33	1933-34	1934-35	1935-36	1936-37	1937-38	1938-39	1939-40
Medicine	7	6	23	39	29	30	10	11	34	41
Dermatology	33	40	15	28	31	18	13	8	12	6
Neurology	2	4	-	-	2	1	-	-		1
Surgery	615	866	1,044	1,512	1,877	2,268	2,425	1,943	2,260	2,716
Dentistry	4	6	53	102	78	42	52	19	15	5
Otolaryngology	276	332	427	413	351	398	393	270	369	395
Obs. & Gyn.	776	980	1,029	1,277	1,779	1,580	660	531	751	666
Ophthalmology	-	-	-	-	-	-	52	46	24	38
Outside	285	271	417	696	688	752	702	213	409	479
TOTAL	1,998	2,505	3,008	4,067	4,835	5,089	4,307	3,041	3,874	4,347

Since 1937 the routine examination of large numbers of placentas has been excluded from the surgical series.

R. J. C. HOEPLI
Professor of Parasitology and
Head of the Department

REPORT OF THE NURSING SERVICE

There has been a steady increase in the demands made upon the Nursing Service during the past two years. This correlates with the increased work throughout the hospital as appears in the annual reports of the Hospital Superintendent.

In order to meet these demands, and in an attempt to improve the efficiency of the Nursing Service, it has been considered necessary to increase the general duty nursing staff by eight. These have been assigned as follows:

- 3 - to the Gynecological Ward to allow for a separation of nurses caring for clean and infected cases.
- 1 - to the Central Supply Room to put in force the new technique developed for the care of Stored Blood Transfusion Service and other intravenous apparatus.
- 1 - to the Metabolism Ward which has maintained a 100 per cent bed occupancy.
- 1 to the Men's Medical Ward.
- 1 for general P.R.N. duties, usually substituting for sick nurses.
- 1 to the Operating Room to assist in the general work and in the private patient's clinic which is held daily.

Additional nurses are needed in the Emergency Ward to care for the increased number of emergency visits. Two (one for day and one for night service) have been recommended for the coming year.

During the year 52 (48 women and 4 men) general duty nurses left the service, and 6 were promoted to head nurse and substituting head nurse positions. This represents a 23% turnover in the general duty nursing group. There was a sufficient number of applicants to fill these vacancies.

STUDENTS:

Ninety-two students were given experience in this hospital during the past year. Of these fifty-five were undergraduates from the P.U.M.C. School of Nursing, eleven were affiliating students and twenty-six graduate students from other schools. The affiliating students were given experience for periods from three to six months and the graduate students for periods from four to nine months.

HEALTH:

There has been a very serious increase in the number of days of absence due to illness.

The total days of illness were 5,515 for an average of 337.5 persons throughout the year. Of these, 2,101 days were for 12 cases of tuberculosis and 252 days for one case of mental illness. The remaining 3,162 days were for acute illnesses of various sorts, including 299 days for an epidemic of influenza (?) in April which affected about 43 individuals. There were 6 new cases of tuberculosis discovered during the year.

These figures compare with those for the past 2 years as follows:

<i>Total days of illness</i>	<i>1939-40</i>	<i>1938-39</i>	<i>1937-38</i>
Average number of days per person	16.3	11	7
Average number of days per person - cases of tuberculosis	6.2	3.7	1.1
Average number of days per person cases not tuberculosis	10.1	7.3	5.9

By groups, illness rates were as follows:

	<i>Total</i>	<i>Tuberculosis</i>	<i>Others</i>
P.U.M.C. students	20.8	12.6	8.2
Staff nurses including head nurses:			
Female	17.9	5.4	12.5
Female, less mental case	17	0	11.6
Male	12.6	2.8	9.8
Affiliating and P.G. students	13.5	2	11.5
Supervisors and administrative staff	5.7	0	5.7

These illness rates both for tuberculosis and for other illnesses are higher by almost 3 days per person than the highest rate in any year since comparable data on this subject have been kept i.e., 11 years.

SPECIAL DUTY:

The special nursing in the hospital has been done entirely by Chinese women and men nurses who have been secured through the Special Nurses' Registry. The number of units of special nursing was as follows:-

DAYS	EVENINGS	NIGHTS	TOTAL
2,959	2,899	2,787	8,645

Of these the hospital provided 652 units for patients whose condition required special nursing care, and whose financial condition was such that they could not meet this expense.

OUTPATIENT:

A considerable increase in the number of visits over those of last year are recorded in the various clinics. Two new clinics, the Medical Consultation Clinic and the E.N.T. Allergy Clinic, were started this past year. The Dental Clinic moved into its new quarters in Lockhart Hall.

A continued effort is made to improve and develop the health teaching programs in the Pediatric, Medical, Obstetrical, Orthopedic and Tuberculosis Clinics. This type of service is not only beneficial to the patients, but also is of great educational value to the students. It is desirable to provide this service for all the clinics as soon as a sufficient number of qualified nurses are available.

An attempt has been made this year to provide pamphlets for the patients to read in the clinics or to take home. These pamphlets give information and instructions relating to specific health problems. These have been written by the nurses, with the approval and help of the doctors, and may be either sold or given to the patients. These have proven very popular, and since March of this year 500 copies have been sold in the

Tuberculosis Clinic. The following pamphlets have been printed and distributed:

- "Postures" - for the Orthopedic Clinic.
- "If your child has measles, what should you do?" - for the Pediatric Clinic.
- "Instructions to Patients with Early Tuberculosis" - for the Tuberculosis Clinic.

Other pamphlets are being prepared and will soon be ready for distribution.

Some provision whereby food may be obtainable for patients who wait in the clinics for the greater part of the day is very much needed. Often patients who have been referred to other clinics, X-rays or for treatments, wait all day in the outpatient clinics without any food.

DORMITORIES:

We are experiencing great difficulty in providing dormitory space for the nurses. This is due to two factors, first, the increase in number of students, and, second, the decrease in the number of women staff nurses who are able to live outside. It is imperative that some definite plan be made for a permanent increase in dormitory space.

PERSONNEL:

Since the beginning of the past year all positions in the Nursing Service, with the exception of three, are held by Chinese nurses.

Miss Han-yen Tso, Supervisor of the Medical Wards, has been on leave for study abroad, and Miss Ch'i Chen has been Acting Supervisor of the Medical Wards in her absence.

Miss Margaret Wyne, Supervisor of the Surgical Wards, has been on furlough since December, 1939.

Miss Ching-ho Liu, Supervisor of the Pediatric Ward, has been on leave for study abroad since May, 1940, and Miss Lu-teh Chen is Acting Supervisor of the Pediatric Ward during her absence.

F. WHITESIDE
Superintendent of Nurses

REPORT OF COLLEGE HEALTH SERVICE

During the year the number of office calls made at the Employees' Clinic showed no signs of decrease, presumably related to the continuous rise of the cost of living. In addition to the action taken by the College authorities to readjust the wages for this group, measures have also been taken to check on those who might attempt to take advantage of this service by making unnecessary calls.

Owing to this marked increase of work which amounted to more than double the figures we have had in the past few years, it has been acutely felt that both the personnel and the space of the present Employees' Clinic are inadequate to meet the situation. Arrangements are being made to secure further accommodations along these lines.

During the year, all the dormitory kitchens, hitherto run by contractors, were taken over by the College and managed by the Hospital Dietary Service. It is without doubt that by so doing not only the quality of food will be properly maintained at a certain level but also the problems of control of food handlers and keeping up of the different kitchens in sanitary condition have become uniform and simplified.

Dr. C. C. Su unfortunately became sick in March 1940. Dr. J. P. Lu was appointed Acting Assistant College Physician to take Dr. Su's place during the latter's absence.

Members of the staff, students, employees, and members of their families given care by the staff of the College Health Service are shown in the following table:

	New Patients		Old Patients				Home Calls		Total	
			Clinic New		Clinic Old					
	Male	Female	Male	Female	Male	Female	Male	Female	1939-40	1938-39
Employees and Families	3	13	396	71	5,733	494	3	2	6,715	6,990
Staff, Families and Students	35	66	17	50	1,016	1,573	92	169	3,018	3,053
Total	38	79	413	121	6,749	2,067	95	171	9,733	10,043

The following number of individuals were served:

	New		Old		Total	
	Male	Female	Male	Female	1939-40	1938-39
Staff, Families and Students	41	72	655	843	1,611	1,477
Employees and Families	472	172	1,651	586	2,881	2,620

SERVICES EXTENDED THROUGH THE PUBLIC OUTPATIENT CLINICS
TO EMPLOYEES AND FAMILIES

(Details listed under Table VIII)

SERVICES	New Patients		Old Patients				Home Calls		Total	
			Clinic New		Clinic Old					
	Male	Female	Male	Female	Male	Female	Male	Female	1939-40	1938-39
Medical	37	40	190	85	1,761	801	5	2	2,921	2,340
Surgical	2	15	427	140	4,078	673	0	0	5,335	3,394
Obs. & Gyn.	0	36	0	78	0	595	0	0	709	652
Ophthal.	430	68	56	49	2,395	421	0	0	3,419	3,002
Total	469	159	673	352	8,234	2,490	5	2	12,384	9,388

SERVICES EXTENDED BY CLINICAL SERVICES TO STAFF AND FAMILIES

(Details listed under Table XII)

SERVICES	New Patients		Old Patients				Home Calls		Total	
	Male	Female	Clinic New		Clinic Old		Male	Female	1939-40	1938-39
			Male	Female	Male	Female				
Medical	5	5	20	30	460	540	29	21	1,110	887
Surgical	1	0	143	223	1,094	1,265	0	0	2,726	3,413
Obs. & Gyn.	0	0	0	10	0	312	0	0	322	386
Ophthal.	0	1	49	96	912	1,165	0	0	2,223	2,436
Total	6	6	212	359	2,466	3,282	29	21	6,381	7,122

PROPHYLACTIC INJECTIONS

	Staff Students & Families	Employees and Families	TOTAL		
			1939-40	1938-39	1937-38
Anti-cold immun.	36 (12)	—	36	377	—
Cholera immun.	836 (769)	901 (865)	1,737	1,844	192
Dick test	231	193	424	621	927
Diphtheria immun.	280 (172)	201 (134)	481	773	561
Rabies injection	—	28 (2)	28	—	—
Scarlet fever immun.	31 (12)	1 (1)	32	366	620
Schick test	356	292	648	764	908
Smallpox vac.	656	1,050	1,706	1,607	1,789
Tetanus immun.	6 (3)	—	6	1	8
Tuberculin test	120 (111)	280	400	639	—
Typhoid immun.	1,053 (506)	1,171 (416)	2,224	2,959	1,582
Typhus immun.	610 (204)	276 (92)	886	1,121	774
Whooping cough immun.	40 (29)	—	40	31	6

The figures in parenthesis indicate number of persons.

K. C. WANG
College Physician

REPORT OF DIETARY SERVICE

The Dietary Service this year extended its service to include the feeding of the medical students, nursing students, the employees, and the patients of the new Psychiatric Ward in Lockhart Hall. This enlargement has increased our personnel from 45 (June 1, 1939) to 106 (June 1, 1940). The following table shows the increase in meals served:

	1938 - 1939		1939 - 1940	
	Chinese Meals	Foreign Meals	Chinese Meals	Foreign Meals
Private & Semi Private	15,845	35,181	23,172	39,564
Public Ward Full & Soft	180,937		199,216	
Public Ward Patients, Special Diets	138,420		179,208	
House Staff (from May 17 thru June 30)	6,343		79,128	
Special Duty Nurses	8,460		14,760	
Night Meals Served to Nurses & Employees	13,698		16,536	
Servants			40,308	
Dressers & Attendants			17,736	
Wenham Hall			95,388	
North Compound No. 34			32,944	
Oliver Jones Dormitory			230,508	
*Psychiatric Ward:				
Private Patients			2,032	
Public Patients			1,024	
Total meals	398,884		971,524	

*Opened on April 19, 1940.

At times during the year certain food items were difficult to obtain, but fortunately we stocked staples in the late summer, and the local dealers cooperated in supplying perishables when private homes were unable to obtain them.

COMPARISON OF FOOD COSTS

Item	March, 1939	March, 1940	Percentage increase
Milk, fresh, per lb.	\$0.11	\$0.24	118
Milk, canned, per tin	.80	1.50	87
Cream, per lb.	.80	1.10	37
Egg per piece	.03	.06	100
Fruit, fresh, per catty (banana)	.28	.36	28
Fruit, canned, per tin (peach)	1.63	2.92	79
Vegetables, fresh (cabbage, turnip, celery spinach)	.06	.15	150
Vegetables, canned, corn	1.03	2.87	186
Meats, beef, per catty	.36	.80	122
Meats, pork, per catty	.41	.78	90
Bacon, per lb.	.38	1.40	268
Chicken, hen, per piece	.85	1.50	76
Duck, per piece	3.60	3.80	5.5
Fish, per catty	.40	.55	47
Cereals, flour, per bag	7.40	18.00	143
Rice, per bag	32.00	80.00	150
Millet, per catty	.074	.36	386
Cornmeal, per catty	.074	.32	332
Soybean flour	.12	.36	200
Salt, per lb.	.14	.17	21
Sugar, per lb.	.35	.80	128
Lard, per catty	.50	1.50	200
Butter, per lb.	3.70	6.00	62

Average percentage increase 125%.

TEACHING

The following courses were offered by the Dietary Staff:

1. Regular 1 year course for apprentice dietitians. The students were Miss Lu Chia-yu, Miss Fan Hsun, Miss Kao Ai-chi.
2. Course for post graduate nurses of thirty hours lectures and twenty hours of laboratory practice in Dietetics and Nutrition, and Diet in Disease.
3. Special four-month course in Food, Nutrition and Dietetics for nurses in other hospitals who are in charge of special diet kitchens.
4. An intensive course in Dietetics including six lectures and demonstrations for fourth year medical students.
5. The Chief Dietitian gave a short course in foreign cooking. This included menu planning, food preparation, food service, and etiquette.

PERSONNEL

In October Miss Yü Hsi-hsuan returned from two years' study in America and was appointed First Assistant Dietitian.

Miss Yang Min-hsien resigned March 1, 1940.

Miss Lin Ying, Miss Hou Kuan-hua, and Miss Wang Teh-chin were appointed Assistant Dietitians as of September 1, 1939.

Miss Hou Kuan-hua resigned June 30, 1940 to organize a Dietary Department at Cheeloo Hospital, Tsinan, Shantung.

Miss Helen Burkett (Mrs. William M. Drummond) completed her 6 years of service on June 29 1940, having served as Assistant Dietitian for four years and as Chief of the Service for the last two years.

A. HELEN BURKETT
(Mrs. William M. Drummond)
Chief of Dietary Service

REPORT OF HOSPITAL SOCIAL SERVICE

The Hospital Social Service has been having an exceptionally busy year, because with the small number of workers we have carried on a program which was formerly carried by a staff of nearly twice the size. Nevertheless the working spirit has been excellent. Besides the intensive case work, general follow-up and special follow-up have been carried on. The former is to bring patients back at regular intervals for the cardiac, and tumor clinics. Although the surgical and orthopedic services have been doing their own follow-up work our workers are often called upon to help out. The latter is to bring patients back at doctors' requests for research purposes. The table that follows indicates the number of patients for whom services have been rendered. On account of the high cost of living and limit of resources both within and outside of the Service we have to select those who have the best chance of being returned to society and serve them accordingly.

TEACHING

Seven lectures were given to the post graduate nurses. Five lectures were given to the first year nursing students. Besides, personal conferences were held with these students, which took at least ten hours altogether. Five lectures with discussion were given to a group of the International Women's Club members. All these were given by Miss J. C. Yu. Miss W K. Chen delivered a speech at the College of Chinese Studies.

One Yenching student came to do full time field work in July and August, 1939. Other three Yenching students came to do field work occasionally during the academic year.

TRAINING PROGRAM

Because of the urgent calls from various hospitals and institutions in many parts of the country for trained social workers we feel the need of training personnel to meet the demand;

therefore we have been admitting graduate students since last summer. During the year there were seven students registered in our Service, from the following colleges:

- | | |
|--------------------------------|---|
| 1. Yenching University | 2 |
| 2. The Peiping Women's College | 2 |
| 3. Nan Kai University | 1 |
| 4. Ginling College | 1 |
| 5. Catholic University | 1 |

Among them three have been granted fellowships.

PERSONNEL

Mr. Chao Shen-to joined the staff on July 1, 1939 to fill the position vacated by Miss Li Hsueh-hsia who went abroad to study in the United States. Miss Liu Ming joined the staff at the same time taking up the position vacated by Miss Yu Hsi-chi who resigned in June. Miss Chu Hsuan-tzu resumed work in January, 1940, Mr. H. W. Kuo returned to the Service from the O.P.D. Admitting Office and Miss Lin Sheng-kuan, the substitute, became a fellowship student of the Service. Miss Yu Ju-chi was appointed the Chief of Social Service and Miss Chen Wei-kun Assistant Chief, on July 1, 1939.

STATISTICAL REPORT OF HOSPITAL SOCIAL SERVICE

SERVICES	Intensive case work	Special follow-up	Routine follow-up	Total 1939-40
MEDICINE				
General	555	436		991
Heart	265	5	759	1,029
Pediatrics	550	269		819
Tuberculosis	359	205		564
Dermatology	50			50
Syphilis	882			882
Neurology	274	20		294
Total	2,935	935	759	4,629
SURGERY				
General	401	109		510
Urology	164 on call	29		193
Tumor	1,134	154	669	1,957
Otolaryngology	62 " "	31		93
Orthopedics	622	69		691
Total	2,383	392	669	3,444
OBS. & GYN.				
Gynecology	213	5	21	240
Gyn. cancer	180	682		862
Obstetrics	675		68	743
Total	1,068	687	90	1,845
OPHTHALMOLOGY	260	240	100	564
Grand Total	6,646	2,254	1,618	10,482

EMPLOYEES' SOCIAL SERVICE

Mr. C. T. Chang continued in charge of the Employees' Social Service throughout the year.

Because of the continued increase in the cost of living during the past year, the Employees' Social Service has spent more time on loan cases and advance pay cases, as shown in the appended table. Following special investigation made by the Employees' Social Service and careful consideration on the part of the College authorities, a reasonable subsistence allowance was added to the employees' regular wages from March 1940.

SERVICES RENDERED BY EMPLOYEES' SOCIAL SERVICE

Registration for employment:	1939-40	1938-39
1. Applicants recommended to P.U.M.C.	805	275
2. Applicants recommended to outsiders	116	70
3. Applicants not recommended	899	716
Total	1,820	1,061

Services	Total	
	1939-40	1938-39
Loan:	252	155
Insurance:	17	26
Arrangements and supervision for tuberculosis cases:	43	37
Special investigation:	112	32
Miscellaneous:	846	517
Total	1,270	767

Twenty-four children of College employees, suffering from malnutrition and tuberculosis have been benefited by the Employees' Aid Fund. The number of children is double that of last year.

In September 1939, fall semester, two hundred and sixty-four children of College employees were enrolled in schools in different parts of the city. The Social Relief Committee of the Department of Religious and Social Work, helped with \$552 toward their tuition. Three hundred children were enrolled in schools in the Spring semester in February 1940. A total of \$627 was spent to help with their tuition, and this fund made it possible for many more children to get primary school education.

There were twenty three employees resting in the T. B. Hostel for Employees during the past year. Nine of them were well and back on duty. The others were in a much improved condition and would soon be completely recovered. In the T. B. Hostel for Employees' Wives, two out of the six patients are now well. Both of the T. B. Hostels are running smoothly and give very satisfactory results.

There has been no change in the personnel of the Employees' Social Service during the year.

J. C. YU

Chief of Hospital Social Service

CLASSIFICATION OF OPERATIONS

1939-40

CLASSIFICATION OF OPERATIONS

1939 - 40

DEPARTMENT OF SURGERY	PAGE
ALIMENTARY SYSTEM	85
CARDIOVASCULAR SYSTEM	88
DUCTLESS GLANDS.....	88
HEMATOPOIETIC SYSTEM.....	88
MUSCULAR SYSTEM AND CONNECTIVE TISSUE.....	89
NERVOUS SYSTEM.....	90
OSSEOUS SYSTEM	91
REPRODUCTIVE SYSTEM	92
RESPIRATORY SYSTEM.....	94
SENSE ORGANS	95
TEGUMENTARY SYSTEM	95
URINARY SYSTEM.....	96
DEFORMITIES AND CONGENITAL ABNORMALITIES.....	97
AMPUTATIONS.....	97
INJURIES	97
NEOPLASMS AND CYSTS.....	98
DEPARTMENT OF OBSTETRICS AND GYNECOLOGY.....	99
DEPARTMENT OF OPHTHALMOLOGY	101
DEPARTMENT OF MEDICINE	104

CLASSIFICATION OF OPERATIONS

DEPARTMENT OF SURGERY

ALIMENTARY SYSTEM

Mouth, Tongue, Teeth, and Salivary Glands	Inpatients	Outpatients
Application of radium	4	0
Division of frenum of tongue	0	2
Excision of		
Cyst.....	0	5
Epulis	0	2
Mucocele	0	2
Ranula	3	3
Tumor.....	16	13
Extractions	28	1,200
Gingivectomy	0	5
Incision and drainage of		
Abscess	0	2
Abscess, alveolar.....	2	10
Parotitis.....	2	0
Plastic operation.....	2	0
Miscellaneous	3	6
Pharynx, Tonsils, and Nasopharynx		
Adenoidectomy and tonsillectomy.....	121	0
Aspiration of retropharyngeal abscess.....	0	2
Incision and drainage of		
Abscess, peritonsillar.....	2	23
Abscess, retropharyngeal.....	0	8
Tonsillectomy	185	0
Miscellaneous	1	1
Esophagus		
Aspiration of tumor	0	1
Dilatation of stricture	2	0

ALIMENTARY SYSTEM (*Continued*)

Esophagus (<i>Continued</i>)	Inpatients	Outpatients
Esophagoscopy.....	33	10
Excision, partial, of tumor for specimen	24	0
Removal of foreign body	1	3
Stomach		
Closure of perforation	5	0
Gastrectomy, partial.....	5	0
Gastroduodenostomy	2	0
Gastroenterostomy.....	7	0
Gastrostomy.....	19	0
Pyloromyotomy	2	0
Pyloroplasty.....	2	0
Intestines		
Cecostomy	3	0
Closure of artificial anus	2	0
Closure of fistula.....	6	0
Closure of perforation	6	0
Colectomy, partial	5	0
Colocolostomy	2	0
Colostomy.....	14	0
Dilatation of colostomy wound	0	12
Enterectomy, partial.....	10	0
Enterocolostomy	14	0
Enteroenterostomy.....	17	0
Enterorrhaphy.....	3	0
Enterostomy	14	0
Excision, partial, of fistula	2	0
Reduction of volvulus	4	0
Miscellaneous	7	0
Appendix		
Appendectomy.....	133	0
Incision and drainage of appendiceal abscess...	14	0
Herniae		
Repair of		
Incisional hernia	2	0
Inguinal hernia.....	52	0
Strangulated hernia	7	0
Miscellaneous	3	0

ALIMENTARY SYSTEM (*Continued*)

Rectum, Anus, and Perirectal Tissue	Inpatients	Outpatients
Dilatation of		
Atresia of anus	0	159
Stricture of rectum.....	0	78
Excision of		
Adenocarcinoma	2	0
Anal fistula	9	8
Papilloma	0	4
Excision, partial, of stricture	2	0
Incision and drainage of		
Abscess, ischiorectal	1	43
Anal fistula	0	5
Injection of carbolic acid in glycerin into		
hemorrhoidal veins.....	0	356
Phlebectomy, partial, of hemorrhoidal veins...	13	13
Plastic operation.....	7	0
Proctoscopy	3	0
Proctosigmoidectomy.....	8	0
Sigmoidoscopy	16	8
Miscellaneous	2	6
 Liver and Bile Passages		
Aspiration of abscess	3	0
Cholecystectomy	12	0
Cholecystostomy	2	0
Choledochotomy	2	0
Excision, partial, of liver for specimen	8	0
Miscellaneous	5	0
 Pancreas		
Biopsy, excision, of tumor	1	0
 Peritoneum, Omentum, and Extraperitoneal Tissue		
Celiotomy, exploratory.....	76	0
Division of peritoneal adhesions.....	10	0
Drainage of		
Peritoneal abscess	3	0
Peritonitis.....	9	0
Epiploectomy, partial	3	0
Excision, partial, of peritoneum.....	2	0

ALIMENTARY SYSTEM (*Continued*)**Peritoneum, Omentum, and Extraperitoneal Tissue** (*Continued*)

	Inpatients	Outpatients
Incision and drainage of		
Abscess, peritoneal.....	17	0
Abscess, retroperitoneal	2	0
Paracentesis of abdomen	5	0
Miscellaneous	2	0

CARDIOVASCULAR SYSTEM**Heart and Pericardium**

Miscellaneous	3	0
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Arteries

Aneurysmorrhaphy.....	2	0
Division	5	0
Ligation.....	13	0
Miscellaneous	4	0

Veins

Injection of quinine into veins	1	0
Ligation.....	3	7
Phlebectomy, partial	3	17
Transfusions.....	411	0

DUCTLESS GLANDS

Excision of tumor	11	0
Excision, partial, of tumor	2	0
Thyroidectomy		
Complete	1	0
Partial	25	0

HEMATOPOIETIC SYSTEM**Lymph Glands and Lymphatic Tissue**

Aspiration of cervical lymph glands	0	9
Incision and drainage of		
Axillary lymphadenitis.....	0	7
Cervical lymphadenitis	0	43
Inguinal lymphadenitis.....	0	37
Submaxillary lymphadenitis	0	6

HEMATOPOIETIC SYSTEM (*Continued*)**Lymph Glands and Lymphatic Tissue** (*Continued*)

	Inpatients	Outpatients
Lymphadenectomy of		
Axillary lymph glands	11	1
Cervical lymph glands	16	22
Epitroclear lymph glands	2	0
Inguinal lymph glands	6	0
Mesenteric lymph glands	8	0
Submaxillary lymph glands.....	0	2
Lymphadenectomy, block.....	11	0
Miscellaneous	1	4

Spleen

Splenectomy.....	8	0
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MUSCULAR SYSTEM AND CONNECTIVE TISSUE**Bursae**

Excision of		
Bunion	3	0
Bursa	6	0

Connective Tissue

Aspiration of abscess.....	0	29
Excision of		
Hygroma	2	0
Sinus	9	6
Tissue	5	111
Exploratory incision	3	2
Incision and curettage of sinus	3	0
Incision and drainage of		
Abscesses (superficial)	62	820
Cellulitis.....	0	8
Infections	5	114
Sinus	2	40
Miscellaneous	2	3

Muscles

Excision, partial, for specimen	8	0
Fasciotomy	2	0
Stretching of muscles.....	1	0
Transplantation of fascia	4	0

MUSCULAR SYSTEM AND CONNECTIVE TISSUE (Continued)

Tendon and Tendon Sheaths	Inpatients	Outpatients
Excision of ganglion	1	17
Incision and drainage of tenosynovitis.....	0	2
Tenotomy	3	0
Transplantation of tendon	7	0
Miscellaneous	2	0

NERVOUS SYSTEM**Brain and Cerebral Meninges**

Aspiration.....	2	0
Biopsy	3	0
Craniotomy	22	0
Decompression.....	2	0
Encephalography	20	0
Excision of tumor	6	0
Excision, partial, of tumor	2	0
Ventriculography	8	0
Miscellaneous	3	0

Nerves

Division of nerves	6	5
Division of sensory root of nerves.....	3	0
Division, subtotal, of sensory root of trigeminal nerve	12	0
Excision of		
Neurofibroma	2	2
Neuroma	1	2
Exploratory incision	2	0
Injection of alcohol.....	9	4
Injection of novocain.....	0	2
Neurectomy	2	0
Phrenicoexairesis	1	9
Phrenicotripsy.....	2	53
Sympathectomy	2	0

Spinal Cord and Meninges

Biopsy.....	2	0
Division of anterolateral tracts	2	0
Electrocoagulation of varix.....	4	0

NERVOUS SYSTEM (*Continued*)**Spinal Cord and Meninges** (*Continued*)

Inpatients Outpatients

Excision of		
Meningocele	2	0
Tumor.....	4	0
Varix	2	0
Laminectomy	21	0
Plastic operation for meningocele	2	0
Miscellaneous	3	0

OSSEOUS SYSTEM**Bones and Cartilages**

Application of skeletal traction	7	0
Biopsy.....	2	0
Bone graft, autogenous.....	13	0
Costotransversectomy	2	0
Curettage	5	0
Excision of		
Exostosis	5	1
Tumor.....	12	2
Fixation of scapula	3	0
Incision and drainage of		
Abscess	5	0
Osteomyelitis	6	33
Marsupialization of odontoma.....	4	0
Ostectomy, complete, of metatarsal bone	2	1
Ostectomy, partial, of		
Calcaneus	9	1
Clavicle	2	0
Femur.....	2	0
Fibula.....	3	0
Humerus	5	1
Ilium	5	0
Mandible	11	0
Maxilla	2	0
Metacarpal bone	0	4
Metatarsal bone	3	2
Radius	3	3
Ribs.....	17	0
Tarsal bone	3	0
Tibia	10	3
Ulna	2	2

OSSEOUS SYSTEM (Continued)

Bones and Cartilages (Continued)	Inpatients	Outpatients
Osteotomy.....	11	0
Reduction, closed, of fracture.....	12	0
Reduction, open, of fracture	23	1
Removal of bone graft	2	0
Removal of sequestrum.....	43	19
Miscellaneous	6	4

Joints

Arthroctomy, partial.....	2	0
Arthrodesis	26	0
Arthroplasty	5	0
Arthrotomy	7	0
Biopsy	2	0
Incision and drainage of		
Arthritis.....	7	1
Tuberculosis	3	0
Reduction, closed, of dislocation	4	0
Reduction, open, of dislocation	13	0
Synovectomy, complete	2	0
Miscellaneous	2	2

REPRODUCTIVE SYSTEM**Female Genital Organs**

Excision of cystadenoma of ovary	2	0
Miscellaneous	3	0

Mammary Gland

Application of radium	3	0
Excision of		
Adenofibroma	9	11
Tumor.....	1	2
Incision and drainage of		
Abscess	2	49
Sinus	0	2
Mastectomy		
Complete radical.....	24	0
Simple.....	17	1
Miscellaneous	1	2

REPRODUCTIVE SYSTEM (Continued)

Male Genital Organs	Inpatients	Outpatients
<i>Male Urethra and Bulbo-Urethral Glands</i>		
Catheterization	0	36
Dilatation of stricture	12	1,073
Excision of stricture	4	0
Incision and drainage of periurethral abscess...	1	4
Meatotomy	0	22
Transplantation of urethra into perineum	11	0
Urethrolithotomy	0	2
Urethrorrhaphy	13	0
Urethroscopy	2	101
Urethrostomy	11	0
Urethrotomy, external.....	2	0
Miscellaneous	5	0
<i>Penis</i>		
Amputation		
Complete	11	0
Partial	9	0
Application of radium	2	0
Circumcision	16	225
Dorsal incision.....	0	8
Excision of papilloma.....	3	6
Incision and drainage of abscess.....	0	2
Miscellaneous	5	2
<i>Prostate</i>		
Incision and drainage of abscess.....	2	0
Prostatectomy		
Radical	10	0
Subtotal.....	8	0
Miscellaneous	2	0
<i>Tunica Vaginalis and Spermatic Cord</i>		
Eversion of hydrocele	10	0
Excision of		
Hematocele	2	0
Hydrocele	7	0
Varicocele	2	0
Vasectomy.....	21	4
Miscellaneous	2	1

REPRODUCTIVE SYSTEM (*Continued*)

<i>Testicles</i>	Inpatients	Outpatients
Biopsy of tumor	2	0
Excision of tumor	2	0
Incision and drainage of		
Abscess	0	2
Gangrene	2	0
Orchidectomy	7	0
Orchidopexy	6	0
Miscellaneous	3	2

RESPIRATORY SYSTEM**Nasal Cavity and Accessory Sinuses**

Application of radium	0	4
Biopsy	1	4
Electrocoagulation	3	0
Excision of		
Polyp	34	1
Tumor	4	1
Excision, partial, of tumor	2	0
Incision and drainage of abscess	2	0
Puncture and irrigation of maxillary sinus ...	32	135
Sinusotomy		
Ethmoidal	11	0
Frontal	4	0
Maxillary	24	0
Sphenoidal	2	0
Submucous resection	34	0
Turbinectomy	3	0
Turbinectomy, partial	28	1
Miscellaneous	7	0

Larynx, Bronchi, and Trachea

Bronchoscopy	24	2
Dilatation of stenosis	11	1
Excision, partial, of tumor	3	1
Intubation	71	0
Laryngoscopy	34	7
Removal of foreign body	6	1
Suture of incised wound	2	0
Tracheotomy	48	2
Miscellaneous	3	0

RESPIRATORY SYSTEM (*Continued*)**Lungs and Pleurae**

Inpatients Outpatients

Drainage of		
Abscess	5	0
Empyema	2	0
Incision and drainage of abscess.....	2	0
Paracentesis of thorax	9	0
Thoracoplasty	1	0
Thoracostomy	16	0

SENSE ORGANS**Eye and Its Appendages**

Exenteration.....	3	0
Miscellaneous	2	1

Organ of Hearing

Closure of fistula.....	1	6
Curettage of mastoid	3	0
Excision of		
Cyst.....	0	2
Papilloma	0	2
Incision and drainage of		
Abscess	0	10
Furuncle	0	3
Mastoidectomy		
Radical	33	0
Simple.....	41	0
Paracentesis of membrana tympani	1	2
Plastic operation.....	2	2
Miscellaneous	0	2

TEGUMENTARY SYSTEM**Skin and Nails**

Application of radium	3	11
Application of radon	4	69
Deep X-ray therapy	93	269
Excision of		
Cicatrix	3	0
Clavus.....	0	2
Naevus	4	5
Nodules for specimen.....	11	7

TEGUMENTARY SYSTEM (*Continued*)**Skin and Nails** (*Continued*)

Inpatients Outpatients

Excision of (*Continued*)

Skin for specimen	3	8
Steatoma	3	137
Tattooing	0	2
Ulcer	9	1
Incision and drainage of		
Carbuncle	5	56
Furuncle	1	42
Steatoma	0	37
Ulcer	0	3
Onychectomy		
Complete	1	52
Partial	0	18
Onychotomy.....	3	64
Skin grafting, Pedicle	18	0
Skin grafting, Thiersch.....	108	13
Miscellaneous	3	1

URINARY SYSTEM**Kidneys and Ureters**

Dilatation of stricture of ureter	2	4
Nephrectomy	21	0
Perirenography	3	0
Pyelography.....	88	59
Pyelolithotomy	2	0
Uretero-lithotomy	2	0
Miscellaneous	4	0

Bladder

Closure of		
Fistula	2	0
Perforation	2	0
Cystography.....	8	9
Cystoscopy.....	179	295
Cystostomy, suprapubic	13	0
Cystotomy, suprapubic	5	0
Cystourethrography	5	6
Cystourethroscopy	0	17
Dilatation.....	0	3

URINARY SYSTEM (*Continued*)**Bladder** (*Continued*)

Inpatients Outpatients

Excision of tumor	2	0
Excision, partial, of contracture	2	0
Fulguration	4	40
Irrigation	0	17
Lithotomy.....	10	0
Removal of foreign body	2	0
Miscellaneous	5	0

DEFORMITIES AND CONGENITAL ABNORMALITIES

Excision of		
Branchial cyst	2	0
Thyroglossal duct	2	0
Plastic operation for		
Cicatrix	1	0
Contracture	2	0
Deformities	10	0
Harelip	14	0
Hypospadias.....	9	0

AMPUTATIONS

Amputation through arm.....	2	1
Amputation through forearm	3	0
Amputation of finger.....	2	16
Amputation through thigh	13	0
Amputation through leg	14	0
Amputation through metatarsus	1	2
Amputation of toe	3	2
Miscellaneous	2	0

INJURIES

Debridement.....	12	1
Excision of hematoma	2	0
Incision and drainage of		
Gangrene	2	5
Gunshot wound	0	2
Hematoma	0	3
Infection of wound	3	21
Removal of foreign body	8	18
Secondary suture of wound	5	1

INJURIES (*Continued*)

	Inpatients	Outpatients
Suture of		
Gunshot wound	5	0
Incised wound	10	9
Lacerated wound.....	7	4
Miscellaneous	3	2

NEOPLASMS AND CYSTS

Aspiration of tumor	0	3
Excision of		
Carcinoma.....	14	1
Dermoid cyst	0	6
Epidermoid cyst	1	2
Fibroma.....	0	5
Hemangioma.....	8	7
Keloid.....	3	4
Lipoma	4	18
Papilloma	3	13
Sarcoma.....	10	2
Tumor.....	3	12
Excision, partial, of tumor for specimen	4	2
Miscellaneous	2	3
Total	3,751	6,613

DEPARTMENT OF OBSTETRICS AND GYNECOLOGY

ALIMENTARY SYSTEM

Appendix	Inpatients	Outpatients
Appendectomy	6	0
Herniae		
Miscellaneous	2	0
Peritoneum, Omentum, and Extraperitoneal Tissue		
Celiotomy, exploratory.....	6	0
Incision and drainage of peritoneal abscess ...	5	0
Paracentesis of abdomen	2	0

REPRODUCTIVE ORGANS

Vulva and Glands of Bartholin and Littre

Excision of cyst	2	0
Miscellaneous	4	0

Female Urethra

Miscellaneous	2	1
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Vagina and Pelvic Floor

Application of radon	33	0
Colporrhaphy	20	0
Episiotomy	110	0
Excision of cyst	2	0
Perineorrhaphy	198	0
Plastic operation for fistula.....	3	0
Miscellaneous	6	0

Uterus and Ligaments of Uterus

Application of radon	74	0
Cauterization of cervix	2	0
Cesarean section	45	0
Curettage, diagnostic	53	0
Dilatation of cervical canal	55	0
Excision, partial, of cervix for specimen.....	0	19
Hysterectomy, subtotal	7	0
Hysterectomy, supravaginal	57	0

REPRODUCTIVE ORGANS (*Continued*).

Uterus and Ligaments of Uterus (<i>Continued</i>)	Inpatients	Outpatients
Hysterotomy.....	2	0
Myomectomy	5	0
Packing of uterus	3	0
Panhysterectomy	2	0
Trachelorrhaphy.....	9	0
Trachelotomy	2	0
Miscellaneous	8	0
Fallopian Tubes		
Ligation.....	25	0
Salpingectomy.....	10	0
Salpingo-oophorectomy	64	0
Sterilization, tubal.....	3	0
Miscellaneous	3	0
Ovaries		
Excision of cyst	7	0
Oophorectomy, complete	7	0
Miscellaneous	2	0
Pregnancy and Associated Conditions		
Application of forceps	55	0
Breech extraction	23	0
Decapitation.....	15	0
Induction of labor by		
Bag	3	0
Bougie	2	0
Drugs	35	0
Perforation	16	0
Removal of		
Conception	3	0
Placenta.....	9	0
Version	12	0
Miscellaneous	5	0
MISCELLANEOUS		
Deep X-ray therapy	45	33
Incision and drainage of abscess	5	0
Secondary suture of operative wound	3	0
Transfusions	245	0
Miscellaneous	9	1
Total	1,331	54

DEPARTMENT OF OPHTHALMOLOGY

SENSE ORGANS

Eye and Its Appendages

Inpatients Outpatients

Conjunctiva

Excision of		
Granuloma	3	3
Tumor.....	0	3
Mucous membrane grafting.....	3	0
Plastic operation.....	7	0
Skin grafting, Thiersch.....	3	0
Transplantation of		
Conjunctival flap	11	0
Pterygium.....	0	22
Miscellaneous	2	3

Cornea

Application of radon	2	3
Cauterization	6	1
Keratotomy	2	0
Keratotomy	3	0
Paracentesis corneae.....	11	1
Removal of foreign body	0	5
Saemisch operation.....	5	0
Tattooing	0	6
Transplantation	13	0
Miscellaneous	2	1

Extra-ocular Muscles

Advancement of external rectus	6	0
Advancement of internal rectus	2	0
Recession of internal rectus.....	11	0
Resection of external rectus.....	8	0
Tenotomy, complete	6	0
Miscellaneous	4	0

Eyeball

Enucleation, simple	11	0
Enucleation with implantation of bone ball ...	3	0
Evisceration	13	1
Removal of foreign body	0	1

SENSE ORGANS (*Continued*)**Eye and Its Appendages** (*Continued*)

Inpatients Outpatients

Iris

Cauterization	2	0
Cyclodialysis.....	11	0
Excision of prolapsed iris.....	11	0
Iridectomy	34	0
Iridectomy ab externo	11	0
Iridencleisis	11	0
Miscellaneous	4	0

Lacrimal Apparatus

Cauterization	2	0
Dacryocystectomy	5	18
Miscellaneous	2	3

Lens

Discission	2	0
Extraction, extracapsular, for cataract	22	0
Extraction, intracapsular, for cataract	1	0
Extraction, linear, for cataract	5	0
Extraction, simple, for cataract	2	0
Extraction with iridectomy, conjunctival flap and suture.....	16	0

Lids

Blepharoplasty.....	7	189
Canthoplasty.....	2	1
Electrolysis	1	28
Excision of		
Chalazion	0	53
Cicatrix	0	2
Cyst.....	0	2
Tumor.....	1	4
Incision and curettage of chalazion	0	8
Incision and drainage of		
Abscess	0	5
Hordeolum	2	10
Plastic operation.....	3	6
Skin grafting, Wolf's.....	3	0
Miscellaneous	3	1

SENSE ORGANS (*Continued*)**Eye and Its Appendages** (*Continued*)

Inpatients Outpatients

Orbit

Application of radon	2	0
Exenteration	2	0
Plastic operation for contracted orbit	1	0
Skin grafting, Thiersch	6	0

Retina

Retinal detachment operation.....	6	0
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Sclera

Sclerectomy	3	0
Sclerectomy, anterior.....	2	0
Sclerectomy with iridectomy	7	0
Sclerotomy	1	0

Vitreous

Aspiration.....	1	0
Coagulation, diathermic	3	0

Miscellaneous

Deep X-ray therapy	4	3
Miscellaneous	3	0

Total	341	383
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DEPARTMENT OF MEDICINE

	Inpatients	Outpatients
Application of radium	2	13
Application of radon	1	6
Aspiration of		
Abscess	22	0
Joint	4	0
Creation of artificial pneumothorax	78	2,593
Deep X-ray therapy	38	26
Excision of skin for specimen	15	0
Incision and drainage of		
Abscess	3	0
Furuncle.....	5	0
Paracentesis of		
Abdomen	52	5
Pericardium	3	0
Thorax	176	598
Phlebotomy	18	0
Proctoscopy	6	0
Sigmoidoscopy	60	209
Transfusions	496	0
Miscellaneous	3	1
Total	982	3,451

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