

SIXTH ANNUAL REPORT
ROYAL VICTORIA HOSPITAL
1899.

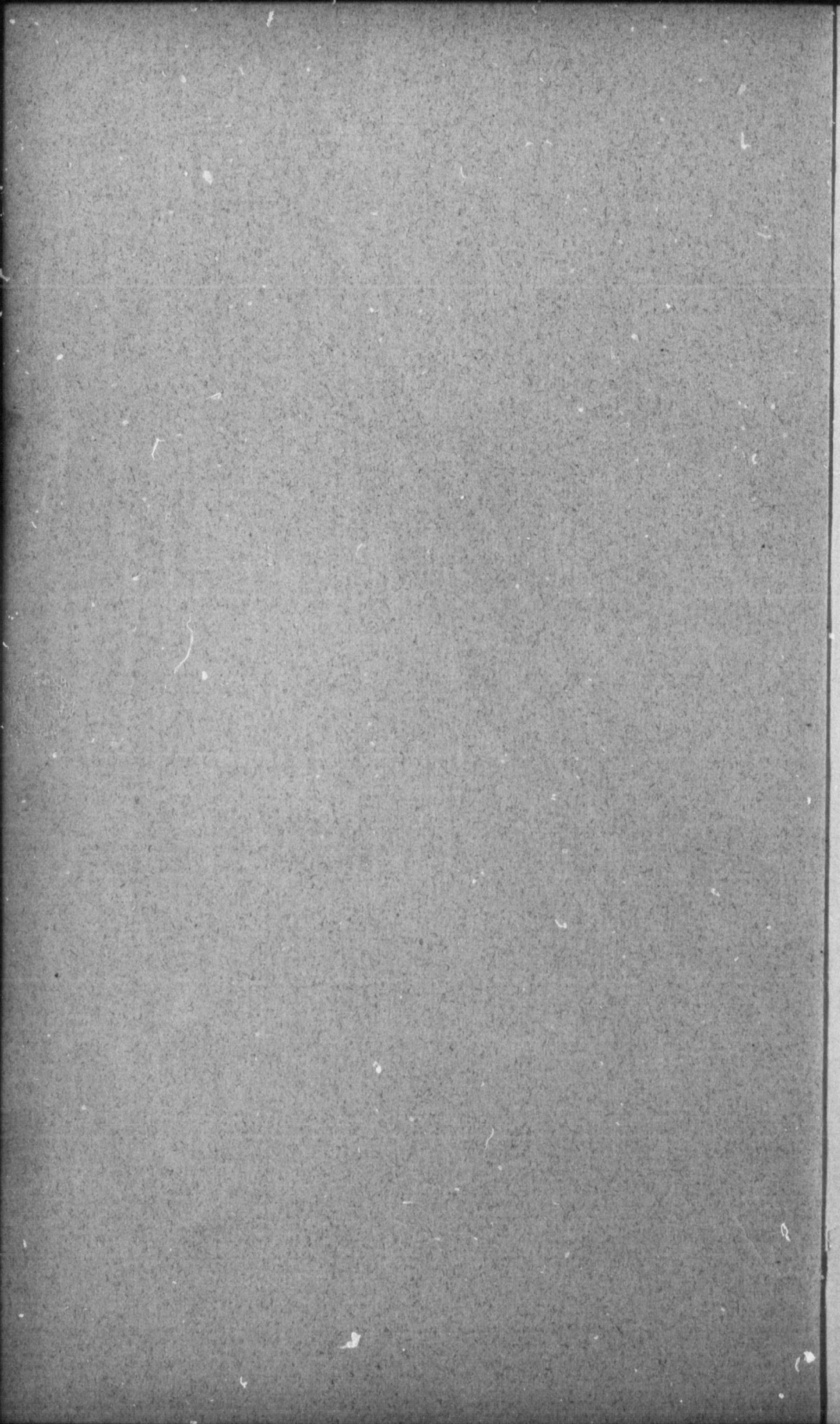


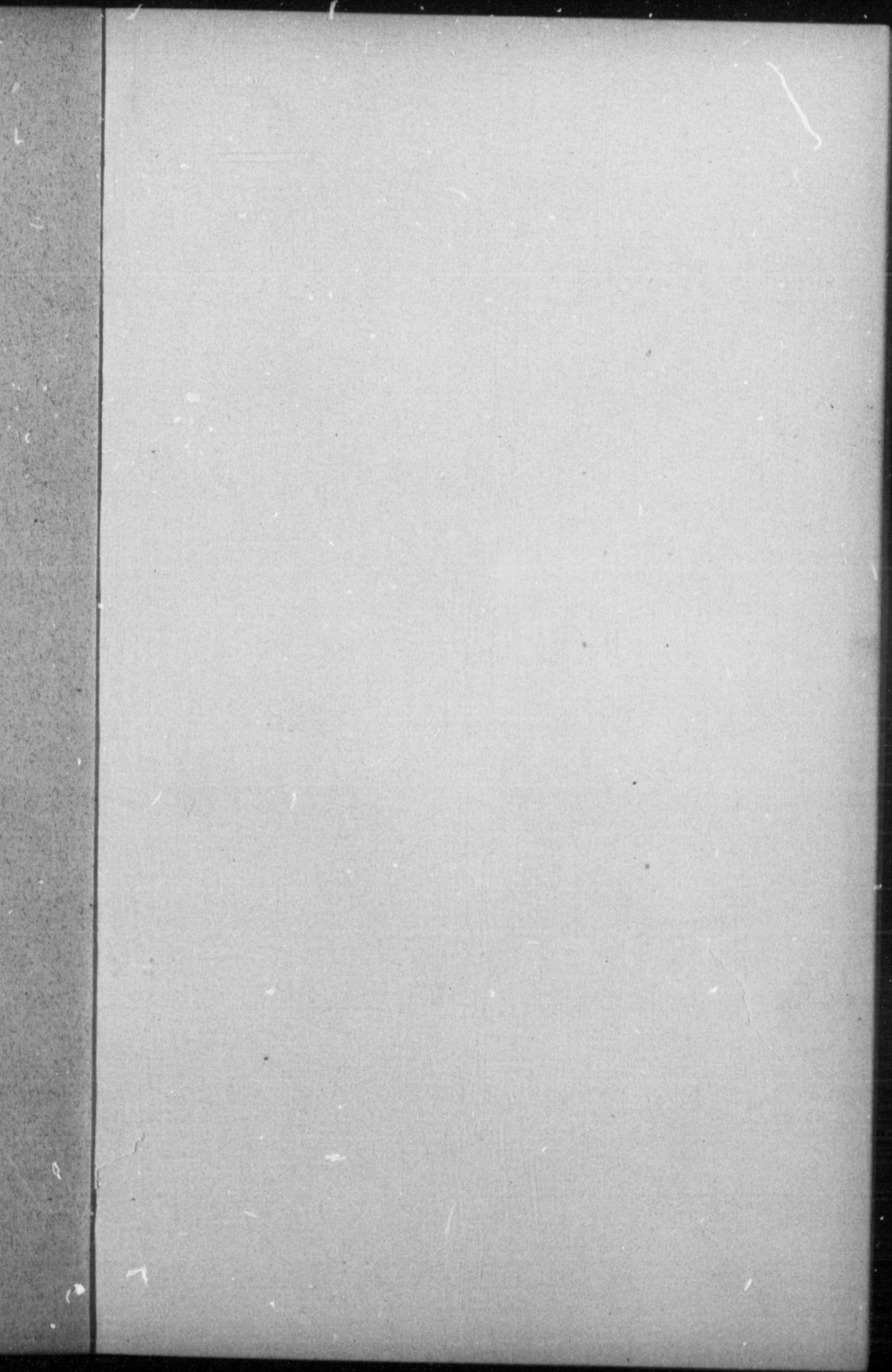


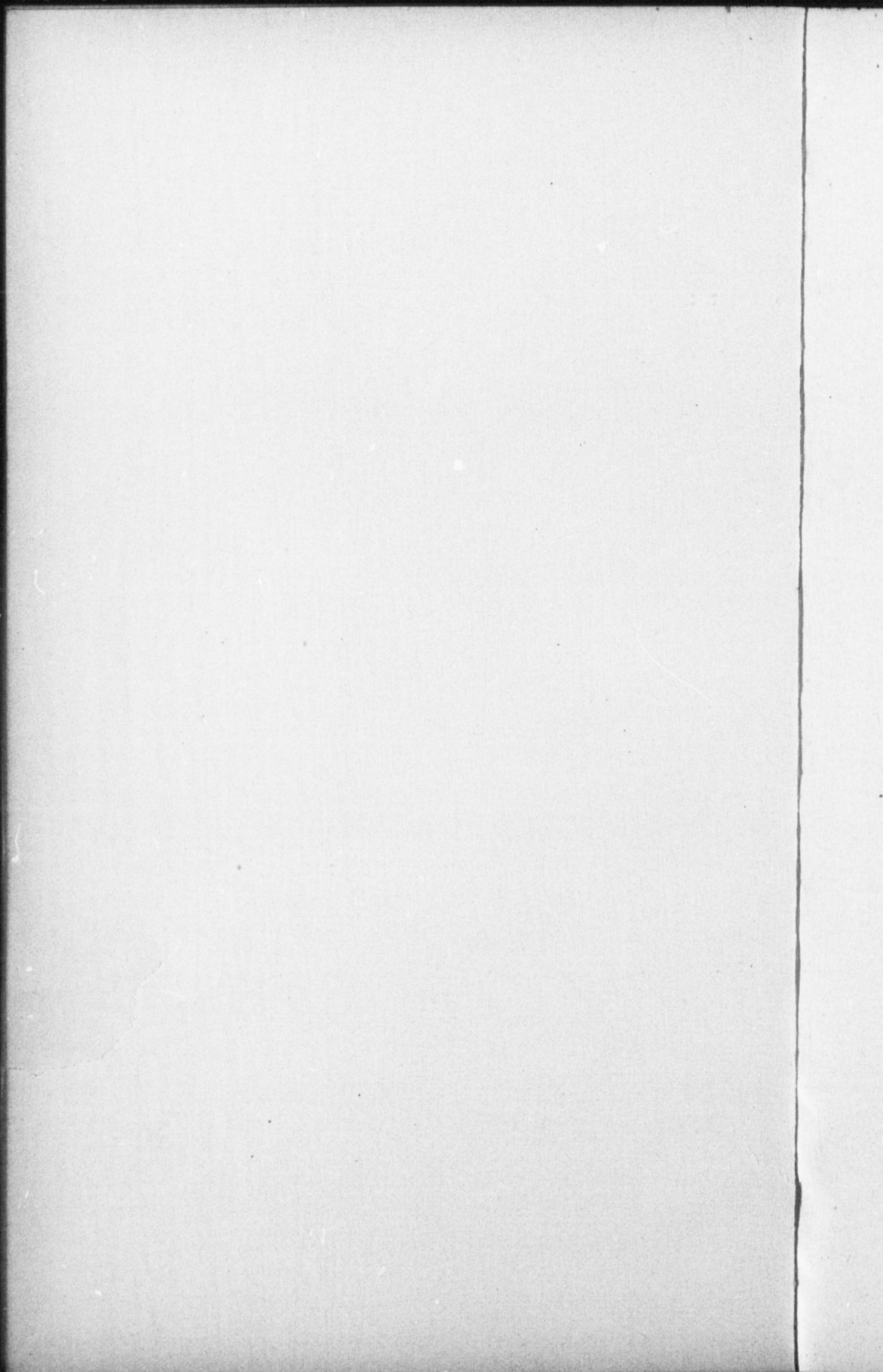
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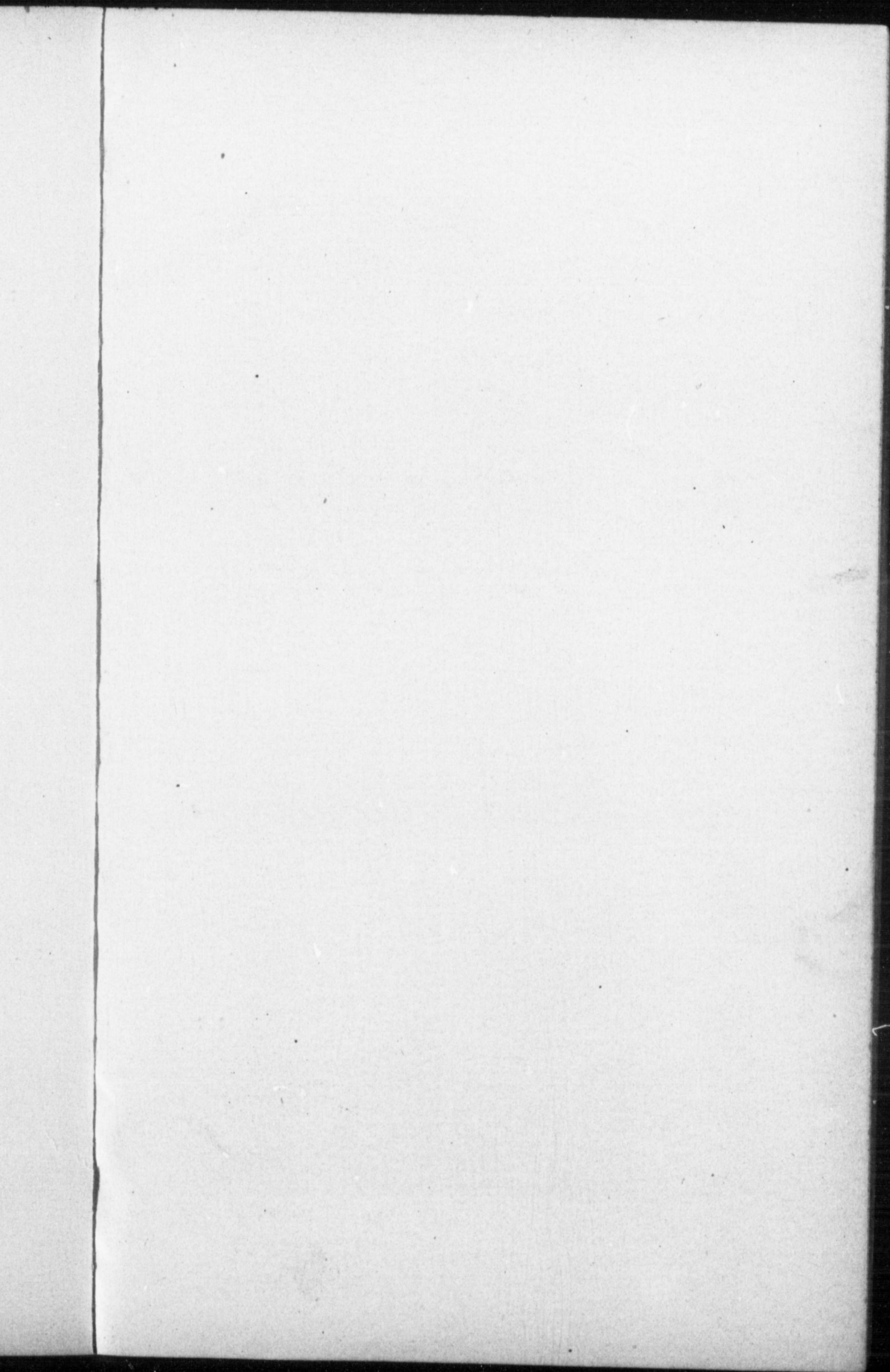
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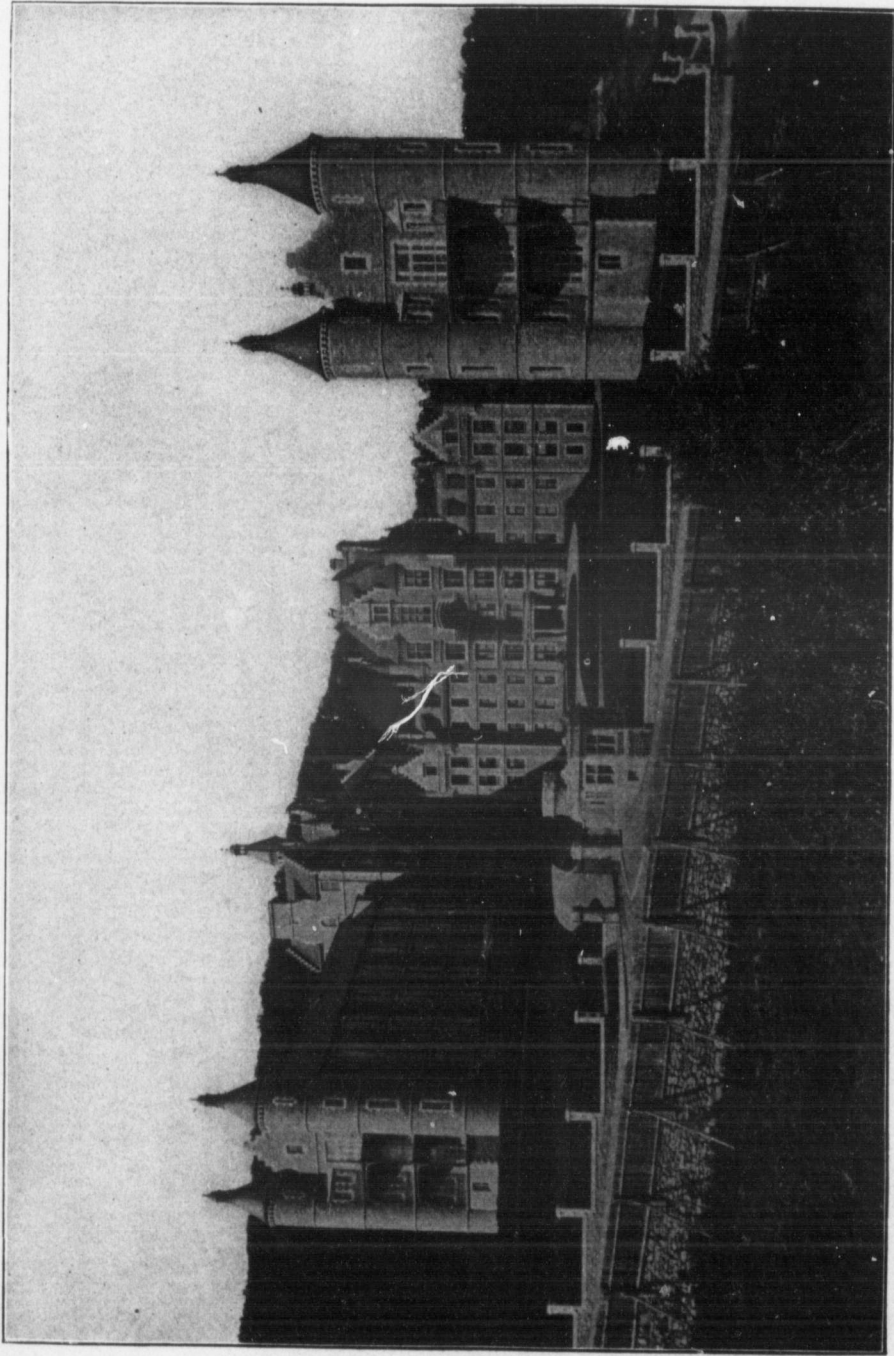
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ROYAL VICTORIA HOSPITAL.

THE
Royal Victoria Hospital,
MONTREAL.

SIXTH ANNUAL REPORT,

For the Year ending

31st DECEMBER, 1899.

Montreal:
MORTON, PHILLIPS & CO., PRINTERS.

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FOUNDERS AND PATRONS.

THE RIGHT HON. LORD MOUNT STEPHEN.

THE RIGHT HON. LORD STRATHCONA AND MOUNT ROYAL.

GOVERNORS.

Elective :

R. B. ANGUS.

E. S. CLOUSTON.

THOS. DAVIDSON.

THE HON. GEORGE A. DRUMMOND.

A. T. PATERSON.

R. G. REID.

JAMES ROSS.

Ex-officio.

MAYOR OF MONTREAL - - - - - R. PRÉFONTAINE.

PRESIDENT BOARD OF TRADE - - - - - C. F. SMITH.

PRESIDENT BANK OF MONTREAL,

THE RIGHT HON. LORD STRATHCONA AND MOUNT ROYAL.

PRESIDENT CANADIAN PACIFIC RAILWAY COMPANY,

T. G. SHAUGHNESSY.

GENERAL MANAGER GRAND TRUNK RAILWAY COMPANY, - C. M. HAYS.

PRINCIPAL MCGILL UNIVERSITY, - - WM. PETERSON, M.A., LL.D.

DEAN OF THE FACULTY OF MEDICINE, MCGILL UNIVERSITY,

R. CRAIK, M.D., LL.D.

OFFICERS.

Visitor.

HIS EXCELLENCY THE RIGHT HONORABLE THE EARL OF MINTO,
K.C.M.G., LL.D., P.C.,
GOVERNOR GENERAL OF CANADA, ETC.

President.

R. B. ANGUS.

House Committee.

R. B. ANGUS, *Chairman.*

E. S. CLOUSTON. HON. G. A. DRUMMOND.

A. T. PATERSON,

JAMES ROSS.

Honorary Auditors.

I. G. OGDEN.

G. A. FARMER.

MEDICAL BOARD.

R. CRAIK, M.D., LL.D., *Chairman.*

T. G. RODDICK, M.D., LL.D., M.P. JAMES STEWART, M.D.
J. G. ADAMI, M.A., M.D. JAMES BELL, M.D.
F. BULLER, M.D. W. GARDNER, M.D.
W. F. HAMILTON, M.D. C. F. MARTIN, B.A., M.D.
A. E. GARROW, M.D. H. S. BIRKETT, M.D.

W. G. M. BYERS, M.D.

Consulting Staff.

R. CRAIK, M.D., LL.D., *Physician.*
T. G. RODDICK, M.D., LL.D., M.P., *Surgeon.*

Physician.

JAMES STEWART, M.D.

Surgeon.

JAMES BELL, M.D.

Ophthalmologist and Otologist.

F. BULLER, M.D.

Gynaecologist.

W. GARDNER, M.D.

Laryngologist.

H. S. BIRKETT, M.D.

Pathologist.

J. G. ADAMI, M.D.

Assistant Physicians.

W. F. HAMILTON, M.D.

C. F. MARTIN, M.D.

Assistant Surgeon.

A. E. GARROW, M.D.

Assistant Ophthalmologist.

W. G. M. BYERS, M.D.

Dentist.

E. B. IBBOTSON, D.D.S., L.D.S.

Clinical Assistant in Medicine.

W. S. MORROW, M.D.

Clinical Assistant in Neurology.

A. SHIRRES, M.D.

Clinical Assistant in Ophthalmology.

H. P. HARVEY, B.A., M.D.

Clinical Assistant in Gynaecology.

A. E. ROBERTSON, M.D.

Assistant in Pathology.

A. G. NICHOLLS, M.A., M.D.

Assistant in Bacteriology.

H. B. YATES, B.A., M.D.

Director of Clinical Laboratory.

A. A. BRUERE, M.D.

Medical Registrar.

W. G. REILEY, M.D.

HOUSE OFFICERS.

Secretary and Superintendent.

J. J. ROBSON.

Assistant Secretary and Superintendent.

W. R. BATES.

Admitting Officer.

H. B. CUSHING, B.A., M.D.

House Physicians.

B. W. D. GILLIES, M.D.

T. TURNBULL, M.D.

E. F. MURPHY, M.D.

House Surgeons.

C. B. KEENAN, M.D.

C. H. BROWN, B.A., M.D.

J. R. O'BRIEN, M.D.

House Ophthalmologist.

F. J. TOOKE, B.A., M.D.

House Gynaecologist.

H. STOCKWELL, M.D.

Anesthetist.

W. H. SUTHERLAND, M.D.

Lady Superintendent of Nurses.

MISS ANNIE MURRAY.

Apothecary.

W. W. WOOTTON.

Housekeeper.

MISS AGNES MURRAY.

Clerk.

H. E. WEBSTER.

Superintendent's Report.

*To the Governors of the
Royal Victoria Hospital:*

GENTLEMEN,

I have the honor to submit herewith the Sixth Annual Report of the Royal Victoria Hospital, for the year 1899.

During the year 2,537 patients have been admitted to the Hospital. Of these 1,491 were Protestants, 988 Roman Catholics, 36 Jews and 22 of other faiths; 1,545 were free patients, 656 public ward patients paying fifty cents per day, and 336 private patients. 2,036 were residents of Montreal, and 501 were sent from the country districts for treatment. The increase in the number of patients over that of the previous year has been 258.

On the 1st January, 1899, there were 133 patients remaining from 1898, and during the year 2,513 have been discharged, of whom 1,366 were well, 691 improved, 157 unimproved, 189 not treated, 110 died and 157 remained on the 31st December.

Of the 110 deaths 31 took place within 48 hours of admission.

The death rate for the year has been 4.40 per cent., or, if those dying within 48 hours after admission be deducted, 3.14 per cent.

The total number of patients days was 60,961, as against 58,303 in the previous year.

The highest number of patients in the Hospital on any one day was 200, on the 27th February, and the lowest 134, on the 1st January; the highest monthly average was 183, in February, and the lowest 143, in August, the daily average for the year being 167, as against 160 for the previous year.

The average number of days in Hospital per patient was 24.2, as against 25.7 in the previous year — the Medical Department being 24.07, the Surgical 21.7, the Gynæcological 25.04, the Ophthalmological 23.4, and the Laryngological 10.2 per patient.

In the Out-Patient Department there were 16,721 consultations, as against 14,681 during the previous year. The increase having been caused by the opening of the new Laryngological Department.

The Medical Consultations were 6,228; Surgical, 5,218; Eye and Ear, 2,685; Nose and Throat, 1,527; and Diseases of Women, 1,063.

The ordinary income for the year was \$113,892.71, while the ordinary expenditure amounted to \$94,851.64, the balance of \$19,041.07 being applied towards the cost of the new Out-Patient Department and the Power House and Laundry Building.

A donation of two thousand dollars has been received from Misses E. Scott, J. H. Scott, K. G. Scott and Mrs. H. L. Morse towards the endowment of a bed

in memory of their father, the late Gilbert Scott, and their brother, the late James Phillip Scott.

The total cost per day per patient has been \$1.55; the cost per day of maintaining each person in the Hospital—staff, servants and patients—being 87 cents, and the daily cost of the provisions for each person, 23½ cents.

Dr. Webster resigned his position of Assistant-Gynæcologist in this Hospital to accept that of Professor of Obstetrics and Gynæcology in the University of Chicago, and Gynæcologist of the Presbyterian Hospital of that city.

Changes in the resident Medical staff have been caused by the expiration of the term of service of Drs. W. O. Rose, H. D. McH. Robertson, E. W. Archibald, J. J. Roy, Harvey Smith, and J. Barclay, and the appointment of Drs. T. Turnbull, E. F. Murphy, J. R. O'Brien, H. Stockwell, F. J. Tooke, and W. H. Sutherland.

During the past year all the wards of the Hospital have been thoroughly renovated and re-painted.

The new Out-Patient Department, which was completed in September last, has added in every way to the convenience and satisfaction of the patients and attending staff.

The present heating arrangements of the Hospital having been found expensive and inconvenient, by reason

of their detached character, it has been decided to remove the furnaces and machinery from the basement of the Hospital and to concentrate them in a separate building, thereby effecting a considerable saving in the expenditure for fuel. It is also intended to place the laundry under the same roof, and to convert the present laundry into an isolation pavillion. The erection of this new building was commenced in December, and it is anticipated that the changes will be completed during the present year.

The thanks of the Governors have been conveyed to the ladies and gentlemen mentioned in the accompanying list of donations for the assistance, monies and presents received from them during the year,

I append herewith statements showing in detail the work which has been accomplished in the various departments since my last report.

Respectfully submitted,

JOHN J. ROBSON,

Secretary and Superintendent.

16th January, 1900.

Special Gifts

RECEIVED DURING THE YEAR.

BOOKS, MAGAZINES, ETC.

Books, Magazines and Illustrated Papers from		Angus, Mr. D. Forbes.
"	"	Angus, Mr. R. B.
"	"	Bark, Mr. G. H.
"	"	Bennett, Mr.
"	"	Browne, Mrs. G. A.
"	"	Brown, Mr. W. T.
"	"	Clark, Mr. M.
"	"	Clouston, Mr. E. S.
"	"	Day, Mr. G. B.
"	"	Denne, Mrs.
"	"	Drummond, Mrs.
"	"	Dominion Commercial Travellers Ass.
"	"	Douglas, Mr. J. A.
"	"	Eaton, Mr. E. E.
"	"	Garrow, Dr. A. E.
"	"	Grose, Mr.
"	"	Hays, Mr. C. M.
"	"	Heneker, Mr. R. T.
"	"	Hooper, Mr. G. R.
"	"	Johnston, Mr. J.
"	"	Leith, Miss
"	"	MacMaster, Mr. D.
"	"	Meredith, Mr. F. E.
"	"	Morrice, Mrs.
"	"	Montreal Temple Club
"	"	McAgg, Mrs.
"	"	McGill Medical Society
"	"	McMurray, Mrs. S. A.
"	"	McIntyre, Mrs. D.
"	"	Osgood, Mrs.
"	"	Picken, Mr. E.
"	"	Roddick, Dr.
"	"	Rolland, Mr.
"	"	Russell, Miss
"	"	Salvation Army

SPECIAL GIFTS.

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Books, Magazines and Illustrated Papers from Sims, Mrs.
 " " Smith, Miss
 " " Sternberg, Miss
 " " Thomas, Mr. H. W.
 " " Watson, Mrs.
 " " Wilson, Mr.
 " " Young Men's Christian Association
 " " Young Women's Christian Asso'cn.

NEWSPAPERS.

6 copies Montreal Daily Witness, from the publishers
 1 copy Montreal Gazette, " "
 1 copy Montreal Herald, " "
 Oddfellows' Gazette, " "
 6 copies Home and Youth " "
 1 copy Ottawa Citizen, " "

MEDICAL JOURNALS.

Canada Lancet, from the publishers, Toronto
 Canadian Practitioner, " " "
 La Clinique, " " Montreal
 Canada Medical Record, " " "
 Montreal Medical Journal, " " "
 L'Union Medicale, " " "
 Pediatrics, " " New York
 Therapeutic Gazette, " " Detroit

TOYS.

Toys from Adami, Mrs. J. G.
 " Angus, Misses
 " Bell, Dr. and Mrs. James
 " Eadie, Miss
 " Lyman, W. E.
 " Paterson, Mrs. R. McD.
 " Wanklyn F. L.
 " Whitehead, Master
 " Wood, Mrs.
 " Yates, Dr. and Mrs.

FLOWERS.

Flowers from Bennett, Mr. J.
 " Church of Ascension
 " Flower Mission, Montreal
 " " " Buckingham

SPECIAL GIFTS.

FLOWERS.—Con.

Flowers from	Grace Church Sunday School
"	MacMaster, Mr. D.
"	Meredith, Mr. F. E.
"	Murray, Mr. J. S.
"	Young, Miss H.
"	Reid, Mrs. C.
"	Reid, Mr. R. G.
"	Richmond W. C. T. U.
"	Strathcona, Lord
"	St. Luke's Sunday School, Waterloo
"	Sunday School, Terrebonne
"	Thompson, Miss
"	Wood, Mrs.

FRUIT.

Fruit, from St. Andrew's Church.

Apples " Penniston Bros.

PLANTS.

Plants from Meredith Mr. F. E.

" Turnbull, Miss

MISCELLANEOUS

Chair.....	Adami, Mrs.
Clothing.....	Angus, Mr. R. B.
"	Angus, Mrs.
Canary and Cage.....	Angus, Miss
Candies.....	Bell, Dr. and Mrs.
Piano for the Nurses.....	Clouston, Mr. E. S.
Clothing.....	Clouston, Mr. E. S.
Christmas Trees	Donohue, Mr. P.
Linen	Hospital Sewing Club
Turkeys, Hams and Bacon.....	Harper, Mr. Jas.
Candy.....	Joslin, Mr. F.
Coffee.....	Liffiton, Messrs. C. A. & Co.
Biscuits.....	Lang Manufacturing Company
Clothing.....	MacDougall, Mrs. J. M.
Heather from Scotland.....	MacMaster, Mr. Donald
Clothing.....	Meredith, Mr. F. E.
Candies.....	Ogilvy, Mr. Jas. A.
Pass for Nurses.....	Park Incline Company
Christmas Trees.....	Penniston Bros.
Clothing.....	Reid, R. G.
Cards.....	Renouf, Mr. E. M.
Punch for three years.....	Risley, Mr. L.
Subscription to "Queen" for Nurses.....	Roddick, Dr.
Fans	Smart, Mr. R.
Scrap Books.....	Y. M. C. A., Thurso

Lady Superintendent's Report.

To the Governors

Royal Victoria Hospital:

GENTLEMEN,

I beg to submit the following report of the Nursing Department of the Royal Victoria Hospital for the year 1899.

The staff consists of one Assistant Superintendent, one Night Superintendent, ten Head Nurses (graduates), and forty-seven Pupils, making a total of fifty-nine, an increase of five over the previous year.

Over five hundred applications for admission to the Training School have been received during the year. Of forty-two Probationers admitted, thirty-two were accepted as pupils.

Nine pupils left before the completion of their course.

A course of fifty-four lectures were delivered by the members of the Medical Staff, and twelve classes a week were held during the session by the Lady Superintendent and her Assistants. Examinations took place periodically.

On the whole, the health of the nurses has been good.

List of Graduates of the Royal Victoria Hospital :

Miss M. Feeney	Miss B. Miller
" L. Lewis	" E. Jones
" Pomeroy	" A. Bouchier
" Walters	" H. Sutherland
" Chandler	" H. Gilmour
" Kimber	" R. Jones
" Clement	" L. Mackenzie
" Russell	" J. Sariol
" Higginbotham	" H. Le Visconte
" Dawes	" E. Shaw
" Taylor	" M. Hannah
" Grant	" E. Freeland
" A. Parks	" H. Smith
" Wills	" A. Hall
" A. Campbell	" A. Perry
" Owen	Mrs. A. Stanley
" Hamilton	Miss G. Mills
" Goodhue	" M. Lindsay
" Boulton	" L. Johnston
" Cooper	" A. Magor
" Amsberry	" A. Sims
" Hastings	" A. Byfield
" Robins	" A. Stephen
" R. Cross	" B. Maitland
" F. Henderson	Mrs. I. Meredith
" R. Marshall	Miss E. Anton

During April the following class of twenty-four passed their final examinations, making a total of seventy-six graduates since the opening of the school :

Miss. J. Sexton	Miss Shannon
" Harold	" McGreevy
" Richardson	" Shattuck
" Adams	" Pollard
" Burns	" Whitmarsh
" Ross	" Wheeler
" Elliott	" Spier
" Moe	" Lamont
" Masson	" Sherwood
" McClees	" McMillan
" Moore	" Hardisty
" Erskine	" Anderson

Respectfully submitted,

ANNIE MURRAY,

Lady Superintendent.

OCCUPATIONS OF PATIENTS.

Accountants.....	5	Confectioners.....	4
Actors.....	1	Constables.....	5
Agents.....	20	Contractor.....	1
Apprentices.....	6	Cooks.....	29
Artists.....	2	Cooper.....	1
Axe Temperer.....	1	Couplers.....	3
Baby Girls.....	39	Cutters.....	4
" Boys.....	43	Dentists.....	2
Baggagemen.....	2	Dressmakers.....	17
Bailiffs.....	3	Drivers.....	15
Bakers.....	4	Drug Clerks.....	3
Barbers.....	7	Electricians.....	3
Bar Tenders.....	11	Elevator Boys.....	4
Boatmen.....	2	Engineers.....	14
Bookbinders.....	3	Exporter.....	1
Bookkeepers.....	17	Factory Girls.....	28
Bottle Dealers.....	3	Farmers.....	14
Brakemen.....	11	Farm Laborers.....	87
Brewers.....	1	Firemen.....	12
Bricklayers.....	9	Fisherman.....	1
Brokers.....	3	Fitters.....	2
Butlers.....	2	Footmen.....	3
Cabinet Makers.....	2	Foremen.....	9
Carpenters.....	29	Fruit Vendors.....	4
Carriage Makers.....	3	Fur Dresser.....	1
Carters.....	19	Game Keeper.....	1
Cashier.....	1	Gardeners.....	6
Checkers.....	3	Glove Maker.....	1
Cigar Makers.....	6	Governesses.....	4
Civil Engineer.....	1	Grocers.....	3
Clergymen.....	8	Guardians.....	2
Clerks.....	58	Guards.....	3
Coachmen.....	8	Hostlers.....	5
Collectors.....	3		
Commissioners.....	2		
Compositor.....	1		
Conductors.....	14		

Hotel Keepers.....	7	Painters.....	19
Housemaids.....	11	Peddlers.....	31
Housewives.....	604	Physicians.....	9
		Plasterer.....	1
Inspectors.....	8	Plumbers.....	11
Icemen.....	2	Policemen.....	4
		Porters.....	8
Janitor.....	1	Postmen.....	3
Jewellers.....	3	Printers.....	2
		Professors.....	2
		Publisher.....	1
Laborers.....	387	Quarrymen.....	3
Laundresses.....	2		
Laundrymen.....	2	Registrar.....	1
Leather Polisher.....	1	Riveter.....	1
Lumbermen.....	6	Roofers.....	2
Machinists.....	21	Sail Maker.....	1
Managers.....	3	Sailors.....	3
Manicurists.....	2	Salesmen.....	5
Manufacturers.....	11	Sawyers.....	2
Masons.....	9	Scavengers.....	2
Mattress Maker.....	1	School Boys.....	102
Mechanics.....	2	School Girls.....	97
Merchants.....	9	Seamstresses.....	41
Millers.....	4	Servants.....	191
Milliners.....	3	Sheriff.....	1
Miners.....	4	Shippers.....	2
Motor Men.....	2	Shirtmaker.....	1
Moulder.....	1	Shoemakers.....	15
		Spinners.....	3
News Boys.....	3	Steamfitters.....	4
Nurses.....	17	Stenographers.....	3
Nurse Maids.....	9	Stokers.....	2
		Stonecutters.....	9
Office Boys.....	14	Storemen.....	11
Operators.....	7	Students.....	31
Optician.....	1	Surgeons.....	3
Orderlies.....	5		

OCCUPATIONS OF PATIENTS.

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Switchmen	7	Typewriter.....	1
Tailoress	1	Undertaker.....	1
Tailors	14	Valets	5
Teachers ...	24	Waiters.....	7
Tie Maker.....	1	Waitresses.....	9
Tobacconist.....	1	Washerwomen.....	39
Traders	7	Weavers.....	4
Trunk Maker.....	1		
Turners.....	2		

BIRTHPLACES OF PATIENTS.

Canada	1597	Austria.....	4
England.....	440	Norway.....	3
United States.....	146	Belgium.....	3
Ireland	134	Poland.....	3
Scotland	85	Jamaica.....	3
Germany.....	20	South Africa.....	2
Russia	14	Channel Islands.....	2
Newfoundland.....	13	New Zealand.....	2
China	12	East Indies.....	2
Syria	12	Roumania.....	2
Italy.....	9	Holland.....	1
Sweden.....	8	Finland.....	1
France.....	7		
West Indies	7		
Greece.....	5		
			2,537

THE ROYAL

Statement of Income and Expenditure

INCOME.

Dividends from Investments.....	\$91,748 13
Private Pay Patients' Fees.....	13,105 25
Public " ".....	6,859 35
Out Door Department.....	231 50
Students' Fees.....	1,360 00
Sundries.....	215 17

DONATIONS—

R. B. Angus.....	\$250 00
Dominion Transport Co.....	50 00
S. Carsley.....	25 00
Jas. Wilson.....	25 00
Chs. Cassils.....	20 00
T. B. Holland.....	3 31
	<u>\$ 373 31</u>

\$113,892 71

From Mrs. H. L. Morse, Misses E. Scott, J. H. Scott, and K. G. Scott towards the endowment of a bed in memory of their father, the late Gilbert Scott, and their brother, the late James Phillip Scott..... 2,000 00

\$115,892 71

We have examined the books of the Royal Victoria Hospital, and find that the above is a true statement of the income and expenditure of the said Hospital for the year ending 31st Dec., 1899.

(Signed), I. G. OGDEN, } *Honorary Auditors.*
G. A. FARMER, }

VICTORIA HOSPITAL.

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for the Year ending 31st December, 1899.

EXPENDITURE.

PROVISIONS—			
Meat.....		\$ 6,846	69
Bread and Flour.....		2,229	51
Milk.....		3,800	82
Butter and Cheese.....		2,262	76
Eggs.....		1,272	19
Fish and Poultry.....		2,972	60
Groceries.....		3,081	65
Vegetables and Fruit.....		2,365	07
Ice.....		680	57
		<u>\$25,511</u>	86
SURGERY AND DISPENSARY—			
Drugs.....		\$ 3,996	37
Dressings and Bandages.....		2,104	47
Instruments and Appliances.....		3,010	67
Wines and Spirits.....		408	52
Soda Water.....		294	00
Ambulance Service and Funerals.....		641	50
Pathological Department Supplies.....		270	30
			<u>10,725</u>
DOMESTIC—			
Fuel and Light.....		\$11,542	86
Hardware, Crockery, Brushes, etc.....		1,844	72
Linens.....		2,632	54
Furniture.....		745	28
Laundry Supplies.....		224	98
Miscellaneous Expenses.....		1,650	14
Water.....		1,171	28
			<u>19,811</u>
WAGES—			
Nursing Department.....		\$10,718	34
Steward's ".....		5,371	61
Housekeeper's ".....		4,563	80
Engineer's ".....		3,402	81
Superintendent's ".....		3,243	18
Dispenser's ".....		1,054	45
Resident Medical Staff.....		1,766	92
Pathologists.....		999	96
			<u>31,121</u>
ESTABLISHMENT CHARGES—			
Insurance.....		\$ 1,239	38
Grounds.....		1,141	75
Repairs to Buildings.....		3,536	97
			<u>5,918</u>
MISCELLANEOUS—			
Stationery and Printing.....		\$ 1,163	80
Telegrams and Postage.....		121	38
Doctors' and Nurses' Library.....		126	48
Cabs and Cars.....		50	90
Nurses' Badges.....		300	42
			<u>1,762</u>
			<u>94,851</u>
EXTRAORDINARY EXPENDITURE.			
Applied towards the cost of the erection of Buildings for the Out-Patient Department, Power House and Laundry.....			19,041 07
ENDOWMENT FUND.			
Amount received from Mrs. Morse and the Misses Scott, transferred to this account.....		2,000	00
		<u>\$115,892</u>	<u>71</u>

TABLE OF STATISTICS FOR THE YEAR 1899.

Admitted during the year, 2,537—Males, 1,362 ; Females, 1,175.

DEPARTMENT	TOTAL	FEMALES	MALES
Medical	965	508	457
Surgical	1018	670	348
Gynæcological	253	...	253
Eye and Ear	241	150	91
Nose and Throat	60	34	26
	—	—	—
	2537	1362	1175

Discharged, Died and Remaining.

DEPARTMENT	In Hospital 1st Jan'y 1899	Well	Improved	Not Improved	Not Treated	Died	Remaini'g 31st Dec. 1899
Medical	59	395	367	84	46	67	65
Surgical	50	592	226	46	116	34	54
Gynæcological.	9	176	35	5	13	8	19
Eye and Ear . .	14	157	58	18	4	...	18
Nose & Throat.	1	46	5	4	4	1	1
	—	—	—	—	—	—	—
	133	1366	691	157	189	110	157

Cost per day per patient, \$1.55.

Total number of days in Hospital, 60,961.

Average number of days per patient, 24.2.

Medical.	Surgical.	Gynæcological.	Eye and Ear.	Nose and Throat.
24.07	21.7	25.04	23.4	10.2

Total number of deaths in Hospital, 110. Died within 48 hours of admission, 31.

REPORT OF THE MEDICAL DEPARTMENT.

For the Year ending 31st December, 1899,

By W. G. REILLY, M.D., MEDICAL REGISTRAR.

* DISEASES	In Hospital 1st Jan., 1899	ADMITTED			DISCHARGED					Remaining 31st Dec., 1899	Days in Hospital	
		Total	Males	Females	Cured	Improv'd	Not Improv'd	Not Treated	Died		Total	Daily Average
DISEASES OF THE BLOOD AND CIRCULATORY SYSTEM.												
<i>Total 109—Males 44, Females 65.</i>												
Anæmia, pernicious.....	..	5	2	3	..	3	I	..	I	..	165	32
" pernicious with pruritus vulvæ.....	..	I	..	I	..	I	..	..	..	..	59	59
Aneurism, aortic (thoracic)...	..	I	I	..	..	..	..	..	..	..	12	12
" " (abdominal)...	..	I	I	..	..	I	..	..	..	..	22	22
" " with chronic interstitial nephritis.....	..	I	I	..	..	I	..	..	..	..	70	70
Aortic regurgitation.....	..	I	I	..	..	..	..	..	..	I	4	4
" " and mitral regurgitation, chronic interstitial nephritis.....	..	I	..	I	..	I	..	..	..	..	22	22
Aortic stenosis, mitral stenosis and regurgitation.....	..	I	I	..	..	..	..	I	..	..	1	1
Arterial sclerosis.....	..	2	I	I	..	..	I	..	I	..	5	2
" " with chronic interstitial nephritis.....	..	I	I	..	..	..	..	..	..	I	8	8
Chlorosis.....	3	22	..	22	17	5	..	..	..	3	623	24
" and cystitis.....	..	I	..	I	..	I	..	..	..	..	6	6
" and mitral regurgitation.....	..	I	..	I	..	I	..	..	..	..	53	53
" and psoriasis.....	..	I	..	I	..	..	..	..	..	..	19	19
Leuchæmia, myelogenous.....	..	I	I	..	..	..	..	..	I	..	25	25
" pseudo.....	..	I	I	..	..	..	..	..	I	..	32	32
" splenic.....	..	5	4	I	..	4	..	..	I	..	349	70
" spleno medullary.....	..	I	I	..	..	..	..	..	..	..	16	16
Mitral regurgitation.....	..	4	3	I	..	3	..	..	..	I	64	16
" " chronic interstitial nephritis.....	..	I	I	..	..	I	..	..	..	..	8	8
Mitral regurgitation, aortic regurgitation, tricuspid regurgitation.....	..	I	I	..	..	..	..	..	I	..	32	32
Mitral stenosis.....	..	10	I	9	..	10	..	..	..	..	168	17
" " and regurgitation	2	6	..	6	..	8	..	..	..	..	429	53
Forward.....	5	70	22	48	18	40	3	I	7	6	2192	....

DISEASES	In Hospital 1st Jan., 1899	ADMITTED			DISCHARGED						Remaining 31st Dec, 1899	Days in Hospital	
		Total	Males	Females	Cured	Improv'd	Not Improv'd	Not Treated	Died	Total		Daily Average	
Forward...	5	70	22	48	18	40	3	1	7	6	2192	....
<i>Diseases of the Blood and Circulatory System.—Con.</i>													
Mitral stenosis and regurgitation, chronic peritonitis.....	..	1	..	1	..	1	..	..	..	..	49	49
Mitral stenosis and regurgitation, chronic interstitial nephritis.....	..	2	1	1	..	..	..	..	2	..	32	16
Mitral stenosis, chronic interstitial nephritis.....	..	1	..	1	..	1	..	..	..	..	30	30
Mitral stenosis and regurgitation, aortic regurgitation....	1	2	1	1	..	1	1	..	1	..	179	60	
Mitral stenosis and regurgitation, sub-acute rheumatism..	..	1	1	..	..	1	..	..	..	..	34	34
Mitral stenosis and aortic stenosis.....	..	1	..	1	..	1	..	..	..	..	56	56
Mitral stenosis and regurgitation, aortic stenosis and regurgitation.....	..	1	1	..	..	1	..	..	..	..	24	24
Mitral stenosis and regurgitation, tuberculosis, chronic interstitial nephritis, Raynaud's disease.....	..	1	1	..	..	1	..	..	..	..	27	27
Mitral stenosis and regurgitations, tuberculosis, amyloid disease.....	..	1	..	1	..	..	1	..	..	..	14	14
Myocarditis.....	2	7	5	2	..	5	1	..	1	2	246	27	
" and chronic bronchitis, chronic gastritis.....	..	1	..	1	..	..	..	..	1	..	9	9
Myocarditis and chronic interstitial nephritis.....	..	3	3	..	..	..	1	..	1	1	75	25
Myocarditis and chronic interstitial nephritis, arterio-sclerosis.....	..	1	..	1	..	1	..	..	..	..	11	11
Myocarditis, chronic interstitial nephritis, pulmonary œdema.....	..	2	2	..	..	..	..	..	2	..	9	5
Myocarditis and mitral regurgitation.....	..	1	1	..	..	..	..	..	..	1	1	1
Myocarditis, mitral and aortic regurgitation.....	..	1	1	..	..	1	..	..	..	..	22	22
Myocarditis and psoriasis.....	..	1	1	..	..	1	..	..	..	..	21	21
" mitral regurgitation, chronic rheumatism....	..	1	..	1	..	1	..	..	..	..	28	28
Phlebitis.....	..	2	2	..	..	1	..	1	..	..	52	26
Forward....	8	101	42	59	18	57	7	2	15	10	3111		

DISEASES OF

Total 130—

Abscess, a

Appendici

Carcinoma

"

"

Cholelithi

Cirrhosis

"

Colitis, m

Constipati

Diarrhoea,

"

Dysentery

Enteritis,

"

Enteropto

"

Gastrectas

"

"

Gastric ul

"

"

Gastritis,

"

"

Gastro en

Hyper ga

Hæmatem

Hyperchl

Jaundice,

Peritoniti

"

"

Pancreati

glycosu

Stomach,

Tœnia..

Tonsilliti

"

Ulcer, ju

Vomiting

"

DISEASES	In Hospital 1st Jan., 1899	ADMITTED			DISCHARGED					Remaining 31st Dec., 1899	Days in Hospital	
		Total	Males	Females	Cured	Improv'd	Not Improv'd	Not Treated	Died		Total	Daily Average
Forward....	8	101	42	59	18	57	7	2	15	10	3111	....
DISEASES OF THE DIGESTIVE SYSTEM.												
<i>Total 130—Males 64, Females 66.</i>												
Abscess, alveolar.....	..	1	1	..	1	..	..	..	..	..	10	10
Appendicitis.....	..	4	4	..	3	..	..	1	..	..	20	5
Carcinoma of bowel.....	..	4	1	3	..	..	..	4	..	..	9	2
" of oesophagus.....	..	1	1	..	..	..	1	..	..	..	12	12
" of stomach.....	..	9	8	1	..	1	7	1	..	..	154	17
Cholelithiasis.....	..	6	4	2	2	2	1	1	..	..	85	14
Cirrhosis of liver, atrophic.....	..	3	1	2	..	1	1	..	1	..	166	55
" " hypertrophic.....	..	2	..	2	..	..	..	1	1	..	31	16
Colitis, mucous.....	..	1	1	..	1	..	..	..	..	..	16	16
Constipation, chronic.....	..	2	1	1	2	..	..	..	..	..	49	25
Diarrhoea, acute.....	..	2	1	1	1	1	..	..	..	..	11	6
" chronic.....	1	..	..	..	..	1	..	..	..	..	3	3
Dysentery, acute.....	..	1	1	..	1	..	..	..	..	..	3	3
Enteritis, acute.....	..	1	..	1	1	..	..	..	..	..	4	4
" chronic.....	..	1	1	..	1	..	..	..	..	..	11	11
Enteroptosis.....	..	1	..	1	..	1	..	..	..	..	41	41
" and nervous diarrhoea.....	..	1	..	1	..	1	..	..	..	..	20	20
Gastrectasis.....	..	1	1	..	..	1	..	..	..	..	23	23
" and gastropnoia.....	..	1	..	1	..	..	..	..	..	1	16	16
" and gastralgia.....	..	1	1	..	..	..	..	..	..	1	35	35
Gastric ulcer.....	2	11	..	11	8	3	..	2	..	..	586	45
" " and glycosuria.....	..	1	1	..	1	..	..	..	..	..	35	35
" " and hysteria.....	..	1	..	1	..	..	..	..	..	1	72	72
" " with neurasthenia.....	..	16	7	9	1	14	1	..	..	..	296	19
Gastritis, acute.....	..	6	4	2	6	..	..	..	..	..	70	12
" alcoholic.....	..	8	7	1	7	1	..	..	..	..	66	8
" chronic.....	..	3	1	2	1	1	..	1	..	..	29	10
Gastro enteritis, acute.....	..	1	..	1	1	..	..	..	..	..	4	4
Hyper gastric secretion.....	..	1	1	..	..	1	..	..	..	..	14	14
Hæmatemesis.....	..	1	..	1	1	..	..	..	..	..	33	33
Hyperchlorhydria.....	..	1	1	..	..	1	..	..	..	..	31	31
Jaundice, catarrhal.....	..	2	1	1	2	..	..	..	..	..	25	13
Peritonitis, general.....	..	1	1	..	..	..	..	..	1	..	1	1
" pelvic.....	..	3	..	3	..	3	..	..	..	..	31	10
" tubercular.....	..	2	1	1	..	1	1	..	..	..	34	17
Pancreatitis, with intermittent glycosuria.....	..	1	1	..	..	1	..	..	..	..	43	43
Stomach, motor insufficiency of.....	..	1	..	1	..	1	..	..	..	..	4	4
Toenia.....	..	2	1	1	1	..	1	..	..	..	22	11
Tonsillitis, acute follicular.....	..	15	7	8	13	..	..	..	..	2	99	6
" " suppurative.....	..	1	1	..	1	..	..	..	..	..	6	6
Ulcer, duodenal.....	..	1	1	..	..	1	..	..	..	..	14	14
Vomiting, nervous.....	1	..	..	..	..	1	..	..	..	..	26	26
" pernicious.....	..	4	..	4	4	..	..	..	..	..	100	25
Forward....	12	227	105	122	78	95	20	13	18	15	5471	....

DISEASES	In Hospital 1st Jan., 1899	ADMITTED			DISCHARGED					Remaining 31st Dec., 1899	Days in Hospital	
		Total	Males	Females	Cured	Improv'd	Not Improv'd	Not Treated	Died		Total	Daily Average
Forward....	8	227	105	122	78	95	20	13	18	15	5471	....
DISEASES OF THE RESPIRATORY SYSTEM.												
<i>Total 179—Males 96, Females 83.</i>												
Abscess, pulmonary.....	..	1	1	..	..	1	..	..	..	..	10	10
Asthma.....	1	4	4	..	2	3	..	..	..	..	57	11
" spasmodic.....	..	1	..	1	..	1	..	..	..	..	23	23
" and bronchitis.....	..	1	1	..	1	..	..	..	..	..	20	20
Bronchitis, acute.....	1	13	8	5	14	..	..	..	..	..	200	14
" acute—acute otitis media.....	..	1	..	1	1	..	..	..	..	..	10	10
Bronchitis, chronic.....	..	1	1	..	..	1	..	..	..	..	23	23
" chronic and emphy- sema.....	2	7	5	2	..	8	..	..	1	..	147	16
Bronchitis chronic, arterio-scler- osis.....	..	1	1	..	..	1	..	..	..	..	25	25
Bronchitis chronic, mitral re- gurgitation, cirrhosis of liver.....	..	1	..	1	..	1	..	..	..	..	5	5
Cancer of lung.....	1	2	2	..	..	..	3	..	..	..	62	20
Empyema and appendicitis.....	..	1	1	..	..	..	..	1	..	..	1	1
Laryngitis, acute.....	2	1	..	1	3	..	..	..	..	..	57	19
Pleurisy and bronchitis.....	..	1	1	..	..	1	..	..	..	..	30	30
" acute.....	..	11	6	5	9	2	..	..	..	..	165	15
" chronic.....	..	1	..	1	..	1	..	..	..	..	7	7
" with effusion.....	..	17	10	7	13	3	..	..	..	1	352	21
" " " chronic bronchitis and emphysema..	..	1	1	..	..	..	..	..	1	..	10	10
Pleurisy, tubercular.....	..	3	2	1	..	3	..	..	..	..	82	27
Pneumonia, broncho.....	..	5	2	3	5	..	..	..	..	..	86	17
" broncho, acute al- coholism, acute cellulitis....	..	1	..	1	1	..	..	..	..	..	25	25
Pneumonia, broncho, with chronic bronchitis.....	..	1	..	1	..	..	..	..	1	..	7	7
Pneumonia, acute lobar.....	2	34	16	18	31	..	..	..	5	..	615	17
Pneumonia, acute lobar, with empyema.....	..	1	..	1	1	..	..	..	..	..	25	25
Pneumonia, acute lobar, with myocarditis.....	..	1	..	1	..	..	..	..	1	..	1	1
Pneumonia, acute lobar, peri- carditis, pleurisy.....	..	1	1	..	1	..	..	..	..	..	62	62
Pneumonia, pleuro, with acute bronchitis.....	..	1	1	..	..	..	..	..	1	..	4	4
Pyo-pneumo thorax.....	..	1	1	..	..	..	..	..	1	..	1	1
Tuberculosis, pulmonary.....	2	34	16	18	..	21	2	2	7	4	1005	28
" " " with atrophic cirrhosis of liver....	..	1	..	1	..	..	1	..	..	..	129	129
Forward....	23	377	186	191	160	142	26	16	36	20	8717	....

*Diseases
Sy*

Tuberculos
hypertro
Tuberculos
bronchit
Tuberculos
stenosis,
Tuberculos
jaundice
Tuberculos
carditis.
Tuberculos
tral sten
tial nep
Tuberculos
interstiti
stenosis
Tuberculos
interstiti
Tuberculos
nephritis
Tuberculos
cular lan
stitial ne
Tuberculos
Tuberculos
glands.
Tuberculos

DISEASES O
Total 256—

Chorea...
Chorea, w
Concussio
Dementia.
"
"
Diplegia,
"

DISEASES	In Hospital 1st Jan., 1899	ADMITTED			DISCHARGED					Remaining 31st Dec., 1899	Days in Hospital	
		Total	Males	Females	Cured	Improv'd	Not Improv'd	Not Treated	Died		Total	Daily Average
Forward....	23	377	186	191	160	142	26	16	36	20	8717	....
<i>Diseases of the Respiratory System.—Con.</i>												
Tuberculosis, pulmonary, with hypertrophic cirrhosis of liver. ..		I	I	..	..	..	I	..	..	..	30	30
Tuberculosis, pulmonary, with bronchitis.....		2	I	I	..	2	..	..	..	..	105	53
Tuberculosis, mitral and aortic stenosis, mitral regurgitation. ..		I	I	..	..	I	..	..	..	..	22	22
Tuberculosis, with catarrhal jaundice.....		I	..	I	..	I	..	..	..	..	5	5
Tuberculosis, pulmonary, myocarditis.....		I	I	..	..	I	..	..	..	..	28	28
Tuberculosis, pulmonary, mitral stenosis, chronic interstitial nephritis.....		I	I	..	..	I	..	..	..	..	14	14
Tuberculosis, pulmonary, chr. interstitial nephritis, mitral stenosis and regurgitation... ..		I	..	I	..	..	..	..	..	I	59	59
Tuberculosis, myocarditis, chr. interstitial nephritis.....		I	I	..	..	..	..	..	I	..	45	45
Tuberculosis, chronic interstitial nephritis, cardiac hypertrophy ..		I	I	..	..	..	..	..	I	..	46	46
Tuberculosis, pulmonary, tubercular laryngitis, chronic interstitial nephritis.....		I	I	..	..	..	..	..	I	..	40	40
Tuberculosis of hip joint.....		2	2	..	..	..	..	2	..	..	6	3
Tuberculosis of mesenteric glands.....		I	..	I	..	I	..	..	..	..	29	29
Tuberculosis of vertebrae.....		I	..	I	..	I	..	..	..	..	11	11
DISEASES OF THE NERVOUS SYSTEM.												
<i>Total 256—Males 124, Females 132.</i>												
Chorea.....		8	4	4	8	..	..	..	..	..	217	27
Chorea, with varicella.....		I	I	..	I	..	..	..	..	..	40	40
Concussion of brain.....		I	I	..	I	..	..	..	..	..	3	3
Dementia.....		I	..	I	..	..	..	I	..	..	I	I
" senile.....		2	..	2	..	..	I	I	..	..	14	7
" syphilitic.....		I	..	I	..	I	..	..	..	..	10	10
Diplegia, congenital spastic, with bronchitis....		I	..	I	..	I	..	..	..	..	74	74
" infantile.....		I	..	I	..	I	..	..	..	..	15	15
Forward....	23	408	202	206	170	153	28	20	39	21	9531	....

DISEASES	In Hospital 1st Jan., 1899	ADMITTED			DISCHARGED					Remaining 31st Dec., 1899	Days in Hospital	
		Total	Males	Females	Cured	Improv'd	Not Improv'd	Not Treated	Died		Total	Daily Average
Forward....	31	481	221	260	174	206	38	25	44	25	11531	....
<i>Diseases of the Nervous System.—Con.</i>												
Meningitis, epidemic cerebro-												
spinal.....	..	2	1	1	1	..	..	..	..	1	94	47
" chronic.....	..	1	..	1	..	1	..	..	..	..	6	6
" pneumococcus....	..	1	..	1	..	..	..	..	1	..	1	1
" traumatic.....	..	1	1	..	..	1	..	..	..	..	21	21
" tuberculous, bron-	..	1	1	..	..	..	..	1	..	..	2	2
" cho pneumonia..	..	1	1	..	..	..	..	1	..	..	2	2
Migraine.....	..	1	1	..	..	1	..	..	..	..	8	8
Monoplegia, brachial.....	..	1	..	1	..	..	..	..	..	1	50	50
Myalgia.....	..	2	2	..	2	..	..	..	..	..	18	9
Myelitis.....	..	1	1	..	..	..	..	1	..	..	2	2
" acute transverse.....	..	1	1	..	..	..	..	..	1	..	6	6
" chronic.....	..	2	..	2	..	1	1	..	..	..	37	18
" from compression....	..	1	1	..	..	1	..	..	..	..	16	16
" cancer of prostate....	..	1	1	..	..	..	..	..	1	..	31	31
" Pott's disease.....	..	2	2	..	..	..	..	..	..	2	89	45
Neuralgia, crural.....	..	1	1	..	..	..	..	1	..	..	23	23
" facial.....	..	2	1	1	2	..	..	..	..	..	26	13
" functional.....	1	..	..	..	..	1	..	..	..	..	15	15
" intercostal.....	..	1	1	..	1	..	..	..	..	..	12	12
Neurasthenia.....	5	45	22	23	1	38	7	4	..	..	901	18
" with cephalalgia..	..	3	2	1	..	3	..	..	..	..	81	27
" with enteroptosis..	..	1	..	1	..	1	..	..	..	..	45	45
" with enteroptosis
" and hyperchlor-	..	1	..	1	..	1	..	..	..	..	55	55
" hydria.....	..	1	..	1	..	1	..	..	..	..	46	46
" with gastroptosis..	..	1	..	1	..	1	..	..	..	..	10	10
" with glycosuria..	..	1	..	1	..	1	..	..	..	..	..	..
" with hyperchlor-	..	1	1	..	..	..	1	..	..	..	5	5
" hydria.....	..	1	1	..	..	..	1	..	..	..	..	..
" with hypo chlor-	..	2	1	1	..	2	..	..	..	..	71	36
" hydria.....	..	1	1	..	..	..	1	..	..	..	16	16
" with melancholia..	..	1	1	..	..	1	..	..	..	..	42	42
" with myocarditis..	..	1	1	..	..	1	..	..	..	..	..	..
" with chronic rheu-	1	..	..	..	..	94	94
" matism.....	1	..	..	..	..	1	..	..	..	..	3	3
" with mitral stenosis	..	1	..	1	..	1	..	..	..	..	23	23
Neuritis, bachial.....	..	1	..	1	1	..	..	..	..	..	23	23
" multiple (cause un-	..	2	2	..	..	..	..	..	..	2	162	81
" known).....	..	2	2	..	..	..	..	..	..	..	109	27
" peripheral, alcoholic..	2	2	..	2	..	4
Forward....	40	566	266	300	182	266	49	31	47	31	13651

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DISEASES	In Hospital 1st Jan., 1899	ADMITTED			DISCHARGED					Remaining 31st Dec., 1899	Days in Hospital	
		Total	Males	Females	Cured	Improv'd	Not Improv'd	Not Treated	Died		Total	Daily Average
Forward....	40	566	266	300	182	266	49	31	47	31	13651	....
<i>Diseases of the Nervous System.—Con.</i>												
Neuritis peripheral, post diphtheritic.....	..	3	2	1	..	3	..	..	..	..	122	41
" traumatic.....	1	1	1	..	1	1	..	..	..	..	56	28
Paralysis agitans.....	..	2	1	1	..	1	..	..	..	1	13	7
" agitans, chronic bronchitis and emphysema.....	..	1	..	1	..	1	..	..	..	..	20	20
" mnsculo-spiral.....	..	1	1	..	1	..	..	..	..	..	24	24
" nuclear.....	..	1	1	..	..	1	..	..	..	..	17	17
" multiple nuclear.....	..	1	..	1	..	..	..	..	..	1	41	41
" ulnar.....	..	1	1	..	..	..	..	..	..	1	11	11
Paraplegia, ataxic.....	..	1	1	..	..	..	..	..	..	1	12	12
" functional.....	..	1	1	..	..	1	..	..	..	..	7	7
" Pott's Disease.....	..	1	..	1	1	..	..	..	..	..	184	184
" spastic.....	..	2	1	1	..	2	..	..	..	..	42	21
" spastic, Pott's disease.....	..	2	1	1	..	1	1	..	..	..	106	53
" spastic, syphilitic.....	..	1	1	..	..	1	..	..	..	..	49	49
Poliomyelitis, anterior.....	..	4	3	1	..	3	1	..	..	..	92	23
Porencephaly.....	..	1	1	..	..	..	1	..	..	..	6	6
Rachialgia.....	..	1	1	..	1	..	..	..	..	..	7	7
Sciatica.....	..	7	5	2	5	2	..	..	..	..	172	25
" with anæmia.....	..	1	..	1	1	..	..	..	..	..	19	19
Sclerosis, insular.....	..	3	3	..	..	2	1	..	..	..	84	28
Syphilis, cerebral.....	..	1	1	..	1	..	..	..	..	..	15	15
" cerebral, chronic interstitial nephritis.....	..	1	..	1	..	1	..	..	..	..	31	31
Tabes dorsalis.....	1	8	7	1	..	4	4	..	..	1	268	29
Tic convulsive.....	..	1	1	..	..	1	..	..	..	..	40	40
Thrombosis, cerebral, with hemiplegia.....	1	..	..	..	..	1	..	..	..	..	11	11
Thrombosis, with hemiparesis and dysarthria.....	..	1	..	1	..	..	1	..	..	..	39	39
Torticollis, spasmodic.....	..	2	1	1	..	1	1	..	..	..	84	42
Tumor, cerebellar.....	1	1	1	..	..	1	..	1	..	..	55	55
" cerebral.....	..	9	5	4	..	7	..	2	1	1	395	40
" " pontine.....	..	1	1	..	..	..	..	1	..	..	29	29
Forward....	44	627	308	319	193	293	66	31	51	37	15702	

INFECTIOUS
Total 159—
Diphtheria
Erysipelas
Febricula
Influenza
Malaria
Pyæmia, v
Septicæm
"
"
"
"
"
"
Typhoid
Varicella
"
Total 19—
Aconite a
ing...
Alcoholis
"
Lead pois
Lead enc
Morphinis
Opium po
Opium an
Lead pois
interstit
carditis

DISEASES	In Hospital 1st Jan., 1899	ADMITTED			DISCHARGED					Remaining 31st Dec., 1899	Days in Hospital	
		Total	Males	Females	Cured	Improv'd	Not Improv'd	Not Treated	Died		Total	Daily Average
Forward....	44	627	308	319	193	293	66	31	51	37	15702	
INFECTIOUS AND FEBRILE DISEASES												
<i>Total 159—Males 95, Females 64.</i>												
Diphtheria.....	I	2	I	I	2	..	..	..	I	..	46	15
Erysipelas.....	..	9	4	5	9	..	..	..	..	..	131	14
Febricula.....	..	15	9	6	15	..	..	..	..	..	159	10
Influenza.....	I	18	11	7	19	..	..	..	..	..	137	7
Malaria.....	..	3	2	I	3	..	..	..	..	..	43	14
Pyæmia, with multiple abscesses	..	I	I	..	..	I	..	..	..	..	9	9
Septicæmia, general.....	..	2	..	2	I	..	I	..	..	..	24	12
" puerperal.....	..	I	..	I	I	..	..	..	..	..	4	4
" puerperal, with pericarditis, pleurisy, and pneumonia.....	..	I	..	I	I	..	..	..	..	..	81	81
" with chronic parenchymatous nephritis.....	..	I	I	..	..	..	..	..	I	..	24	24
" with pyo-pneumothorax.....	..	I	..	I	..	..	..	..	I	..	9	9
" with diphtheritic vaginitis and endometritis.....	..	I	..	I	..	..	I	..	..	..	5	5
Typhoid.....	2	96	66	30	79	..	I	..	6	12	3435	35
Varicella.....	..	4	..	4	4	..	..	..	..	..	48	12
POISONS												
<i>Total 19—Males 13, Females 6.</i>												
Aconite and belladonna poisoning.....	..	I	..	I	I	..	..	..	..	..	3	3
Alcoholism, acute.....	..	5	4	I	3	I	I	..	..	..	23	5
" acute, and acute bronchitis.....	..	I	I	..	I	..	..	..	..	..	10	10
" acute, with delirium.....	..	4	3	I	4	..	..	..	..	..	96	24
Lead poisoning, acute.....	..	I	I	..	I	..	..	..	..	..	25	25
Lead encephalopathy.....	..	I	I	..	..	..	I	..	..	..	25	25
Morphinism.....	..	3	I	2	..	I	I	I	..	..	28	9
Opium poisoning.....	..	I	I	..	I	..	..	..	..	..	3	3
Opium and chloral poisoning..	..	I	..	I	I	..	..	..	..	..	34	34
Lead poisoning, chronic, chronic interstitial nephritis, pericarditis, with effusion.....	..	I	I	..	..	..	..	..	I	..	28	28
Forward....	48	801	416	385	339	296	72	32	61	49	20132	

DISEASES	In Hospital 1st Jan., 1899	ADMITTED			DISCHARGED					Remaining 31st Dec., 1899	Days in Hospital-	
		Total	Males	Females	Cured	Improv'd	Not Improv'd	Not Treated	Died		Total	Daily Average
Forward....	48	801	416	385	339	296	72	32	61	49	20132	
GENITO-URINARY DISEASES.												
<i>Total 47—Males 20, Females 27.</i>												
Abortion.....	..	1	..	1	..	1	..	..	..	..	4	4
Abscess pelvic.....	..	1	..	1	..	..	1	..	..	..	14	14
Carcinoma of bladder.....	..	1	1	..	..	..	1	..	..	..	4	4
Cystitis, chronic.....	..	1	..	1	..	1	..	..	..	..	5	5
" acute.....	1	..	..	..	..	..	1	..	..	..	6	6
" tuberculous.....	..	1	..	1	..	1	..	..	..	..	17	17
Enuresis, nocturnal.....	..	1	..	1	1	..	..	..	..	..	10	10
Metritis, acute.....	..	1	..	1	..	..	1	..	..	..	6	6
Nephritis, acute parenchymatous	2	1	1	1	1	..	..	..	..	118	59
" chronic	2	1	1	..	2	..	..	..	..	32	16
" subacute, with osteo- myelitis	1	..	1	..	..	1	..	..	..	4	4
Nephritis, chronic interstitial... 3	3	10	5	5	..	8	1	2	1	1	405	31
Nephritis, chronic interstitial, arterio-sclerosis.....	..	2	1	1	..	1	..	..	1	..	37	18
Nephritis, chronic interstitial, epilepsy major.....	..	1	..	1	..	1	..	..	..	..	20	20
Nephritis, chronic interstitial, chronic gastritis.....	..	1	1	..	..	1	..	..	..	..	8	8
Nephritis, chronic interstitial, mitral regurgitation.....	..	2	1	1	..	1	1	..	..	..	89	45
Nephritis, chronic interstitial, mitral regurgitation, cystitis..	..	1	1	..	..	1	..	..	..	..	16	16
Nephritis, chronic interstitial, mitral stenosis and chronic bronchitis.....	..	1	..	1	..	..	..	..	1	..	26	26
Nephritis, chronic interstitial, mitral stenosis and regurgita- tion, myocarditis, fibroid phthisis	1	1	..	..	..	..	..	..	1	5	5
Nephritis, chronic interstitial with pyelitis, chronic bron- chitis and emphysema.....	..	1	1	..	..	1	..	..	..	..	10	10
Nephritis, chronic interstitial, Raynaud's disease.....	..	1	1	..	..	1	..	..	..	..	31	31
Oophoro-salpingitis	1	..	1	..	..	..	1	..	..	13	13
Pyelitis	1	1	..	..	1	..	..	..	..	14	14
Pyonephrosis	1	1	..	..	..	..	1	..	..	5	5
Pyosalpingitis, with pelvic peri- tonitis	1	..	1	..	1	..	..	..	..	11	11
Forward....	52	838	433	405	341	319	77	38	64	51	21042	

Genito-Urinary
Salpingitis
" "
Uræmia ..
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GEN
Total 119—
Asthenia ..
Debility ..
" ser
Diabetes, r
" "
culosis ..
Goitre, exo
" "
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Goitre, exo
sanity ..
Goitre, exo
ral regurg
Gout, acute
Marasmus i
Myxœdema
Purpura Ha
Rachitis ..
Rheumatism
" "
carditis
Rheumatism
carditis a
monia ..
Rheumatism
pleurisy.
Rheumatism
" "
chronic i
Rheumatism
" "
arterio-sc

DISEASES	In Hospital 1st Jan., 1899	ADMITTED			DISCHARGED					Remaining 31st Dec., '99	Days in Hospital	
		Total	Males	Females	Cured	Improv'd	Not Improv'd	Not Treated	Died		Total	Daily Average
Forward....	52	838	433	405	341	319	77	38	64	51	21042	
<i>Genito-Urinary Diseases—Con.</i>												
Salpingitis .....	..	1	..	1	..	1	..	..	..	..	11	11
" and endometritis....	..	1	..	1	..	1	..	..	..	..	11	11
Uremia .....	..	2	..	2	1	..	..	..	..	1	41	20
" with convulsions.....	..	1	1	..	..	1	..	..	..	..	15	15
" with broncho-pneu- monia and myocarditis.....	..	1	1	..	..	..	..	..	1	..	18	18
GENERAL DISEASES												
<i>Total 119—Males 76, Females 43.</i>												
Asthenia .....	..	2	..	2	..	2	..	..	..	..	21	10
Debility .....	..	3	2	1	..	2	..	..	..	1	16	5
" senile .....	..	2	2	..	..	1	..	..	..	1	43	22
Diabetes, mellitus.....	1	4	3	1	..	2	3	..	..	..	68	13
" " with tuber- culosis .....	..	2	1	1	..	1	..	1	..	..	6	3
Goitre, exophthalmic.....	..	2	1	1	..	1	..	..	..	1	33	16
" " with de- mentia.....	..	1	..	1	..	1	..	..	..	..	6	6
Goitre, exophthalmic, with in- sanity .....	..	1	..	1	..	..	1	..	..	..	100	100
Goitre, exophthalmic, with mit- ral regurgitation .....	..	1	..	1	..	1	..	..	..	..	15	15
Gout, acute .....	..	2	2	..	2	..	..	..	..	..	42	21
Marasmus infantile.....	1	2	..	2	..	2	..	..	..	1	136	45
Myxœdema .....	..	1	..	1	..	1	..	..	..	..	16	16
Purpura Hæmorrhagica .....	..	3	..	3	1	1	..	1	..	..	69	23
Rachitis .....	..	1	1	..	..	..	..	..	1	..	14	14
Rheumatism, acute.....	3	33	27	6	32	..	..	..	..	4	985	28
" " with peri- carditis .....	..	1	1	..	1	..	..	..	..	..	21	21
Rheumatism, acute, with peri- carditis and acute lobar pneu- monia .....	..	1	1	..	1	..	..	..	..	..	35	35
Rheumatism, acute, with acute pleurisy.....	..	3	1	2	3	..	..	..	..	..	83	27
Rheumatism, subacute.....	1	6	3	3	4	3	..	..	..	..	208	30
" " with chronic interstitial nephritis..	..	1	..	1	..	1	..	..	..	..	47	47
Rheumatism, chronic.....	..	5	2	3	..	5	..	..	..	..	98	19
" " with arterio-sclerosis.....	..	1	1	..	..	1	..	..	..	..	48	48
Forward....	58	922	483	439	386	345	83	39	67	60	23248	

DISEASES	In Hospital 1st Jan., 1899	ADMITTED			DISCHARGED					Remaining 31st Dec., 1899	Days in Hospital	
		Total	Males	Females	Cured	Improv'd	Not Improv'd	Not Treated	Died		Total	Daily Average
Forward....	58	922	483	439	386	345	83	39	67	60	23248	
<i>General Diseases.—Con.</i>												
Rheumatism, with chronic bronchitis	1	1	..	..	1	..	..	..	..	7	7
Rheumatism, gonorrhoeal.....	..	8	7	1	6	..	1	..	..	1	284	36
" " with sciatica and glycosuria.....	..	1	1	..	..	..	..	1	..	..	3	3
Rheumatoid arthritis	1	22	12	10	..	19	..	..	..	4	816	36
Syphilis, tertiary.....	..	1	1	..	1	..	..	..	..	..	16	16
" " with asthenia	1	..	1	..	1	..	..	..	..	9	9
MISCELLANEOUS												
<i>Total 9—Males 3, Females 6.</i>												
Companions	3	..	3	..	..	..	3	..	..	174	58
Clavicle, congenital absence of..	..	1	..	1	..	..	..	1	..	..	58	58
Kidney, movable	1	..	1	..	1	..	..	..	..	7	7
Malingering.....	..	1	1	..	..	..	..	1	..	..	10	10
Otitis media.....	..	1	1	..	1	..	..	..	..	..	6	6
Pes planus	1	1	..	..	..	..	1	..	..	5	5
Pharyngitis, acute.....	..	1	..	1	1	..	..	..	..	..	10	10
Total....	59	965	508	457	395	367	84	46	67	65	24653	

Remaining January 1st, 1899	59
Admitted during 1899.....	965
	— 1024
Discharged, cured.....	395
" improved	367
" not improved.....	84
Not treated.....	46
Died.....	67
Remaining.....	65
	— 1024
Average number of days in Hospital per patient.....	24.07

s in
obital

Daily
Average

7
36
3
36
16
9

58
58
7
10
6
5
10

CAUSES OF DEATHS

IN THE MEDICAL DEPARTMENT.

Anæmia, pernicious.....	1
Aneurism, thoracic.....	1
Arterio sclerosis.....	1
Bronchitis, chronic, and emphysema.....	1
Diabetes mellitus.....	1
Diphtheria.....	1
Embolism, cerebral, with hemiplegia.....	1
Endocarditis, mitral, aortic, and tricuspid regurgitation.....	1
" mitral stenosis, and regurgitation. Chronic interstitial nephritis..	2
" " " " " Aortic regurgitation.....	1
Hæmorrhage, cerebral.....	1
" " with hemiplegia and aphasia.....	1
" " " " chronic interstitial nephritis, myocarditis, chronic bronchitis and emphysema.....	1
Leuchemia, myelogenous.....	1
" splenic.....	1
" pseudo.....	1
Liver, atrophic cirrhosis of.....	1
" hypertrophic cirrhosis of.....	1
Melancholia, with stupor.....	1
Meningitis (pneumococcus).....	1
Myelitis, acute transverse.....	1
" with cancer of prostate.....	1
Myocarditis.....	2
" chronic interstitial nephritis.....	1
" " " " pulmonary œdema.....	2
Nephritis, chronic interstitial.....	1
" " " chronic bronchitis.....	1
" " " arterio sclerosis.....	1
Peritonitis, general.....	1
Pleurisy with effusion, chronic bronchitis and emphysema.....	1
Plumbism chronic, chronic interstitial nephritis, pericarditis with effusion.....	1
Pneumonia, acute lobar.....	5
" " " with myocarditis.....	1
" broncho, chronic bronchitis.....	1
" pleuro, with acute bronchitis.....	1
Pyopneumothorax.....	1
Forward.....	43

Forward	43
Rachitis	1
Septicæmia, chronic parenchymatous nephritis.....	1
" pyo-pneumothorax	1
Tuberculosis, pulmonary.....	7
" " chronic interstitial nephritis, myocarditis.....	1
" " " " " cardiac hypertrophy.....	1
" " " " " tuberculous laryngitis.....	1
Tumor, cerebellar.....	1
" cerebral	2
" " pontine.....	1
Typhoid fever	6
Uræmia, broncho-pneumonia, myocarditis.....	1

THE ANNUAL REPORT ON TYPHOID FEVER,

BY B. D. GILLIES, M.D., SENIOR RESIDENT PHYSICIAN.

During the year 1899, there were treated in the wards of this Hospital ninety-eight cases of typhoid fever, sixty-five males and thirty-three females. Of these cases eighty-six were treated to a conclusion; of the remaining twelve cases several were cured, the others are convalescent. They are not included in the present report.

The mortality was higher this year than any other since the Hospital opened, there being seven deaths, or 8.16 %. Death resulted in three cases from hæmorrhage, one case from hæmorrhage and perforation, one case from perforation, and in two cases from profound intoxication. On an average, the patients were admitted on the seventh day of the disease.

The following data are the points of interest :—

Age—

The average age of all the patients was twenty-three years, the youngest three and a half years, the oldest fifty-eight.

Arranged in decades, they are as follows :—

Under 10 years.....	4 cases.
Between 10 and 20.....	21 "
" 20 and 30.....	40 "
" 30 and 40.....	16 "
" 40 and 50.....	4 "
Over 50.....	1 case.

Season—

The largest number of cases were admitted during the month of August, the smallest during December.

52.3 per cent. of the cases developed during July, August and September.

18.4 per cent. during October, November and December.

18.6 per cent. during April, May and June.

11.7 per cent. during January, February and March.

Duration of Cases—

The average number of days in the Hospital was 39.5.

The average duration of fever was 24.6 days.

The longest period of fever was 58 days.

The shortest period of fever was 8 days.

Infection—

In one case a definite proof of infection from milk was obtained.

Five cases were admitted from one family. Defective sewage was known to be present in the house.

In four other cases two or more members of the family were also ill with typhoid fever.

Symptoms—

ONSET AND COURSE :

In 95.4 per cent. of the cases the onset was gradual, the most frequent symptoms being : General malaise headache frontal or occipital, anorexia, pain in back and lower extremities, and chilliness. General malaise and frontal headache, with anorexia, were by far the most frequent.

In two cases pain in the abdomen was severe, localised and of sudden onset, simulating appendicitis.

Chills occurred at time of onset or during first week of the disease in 17.4 per cent. of the cases.

Diarrhœa was present at the onset in 20.9 per cent., and persisted throughout the course in 8 per cent. Enemata were given in all cases of constipation.

Epistaxis occurred at onset in 18.6 per cent.

Vomiting was present at onset in 34 per cent. of the cases. In one case it was persistent during the course of the disease, resisting treatment for some days.

Delirium was present at time of entry into hospital or during course of disease in 18.6 per cent. of the cases. In nearly every case it was of a low, muttering character.

ERUPTION :

An eruption was present in 72 per cent. of the cases. In one case it was petechial in character, while in the remaining cases it was of the nature of "rose spots."

The earliest appearance of the rash was on the 4th day of the disease.

The latest appearance of the rash was on the 40th day of the disease.

In one case the rash appeared only during the relapse.

The shortest duration of the rash was three days.

The longest duration of the rash was twenty-seven days.

The average duration of the rash was eleven days.

SPLEEN :

The spleen was palpable in 67.4 per cent. of the cases.

In one case it was palpable on the first day of the disease.

In another case it was not palpable till the fourth day of the relapse, on the twenty-fifth day of the disease.

On the average the spleen remained palpable for twelve days.

The spleen was palpable for only three days in one case, while in another it could be palpated for thirty-two days.

RELAPSE :

A definite relapse occurred in eleven cases, *i.e.*, 12.7 per cent.

The longest duration of the relapse was twenty-nine days.

The shortest duration of the relapse was eight days.

The average duration of the relapse was eighteen days.

In three cases the relapse was more severe than the original attack.

In one case temperature had been normal for seventeen days when relapse set in, while in another temperature was normal for only twenty-four hours. One case was readmitted to the hospital for typhoid fever after having recovered from an attack four weeks previously.

FEVER :

The highest temperature recorded in any of the cases was 106 2/5°.

In one case the maximum temperature was 100 2/5°.

The average maximum temperature in all the cases was 103 2/5°.

The temperature reached 104° or over in 48.8 per cent. of the cases.

Complications—

DIGESTIVE SYSTEM :

Double parotitis developed in one case on the seventeenth day of the disease.

Cholecystitis developed in three cases.

Suppurative cholecystitis, with gangrenous ulceration of the gall-bladder and cholelithiasis, was present in one case.

Meteorism was marked in 25 per cent. of the cases.

Perforation of the bowel occurred in two cases, in one on the tenth day and in the other on the thirteenth day of the disease.

Intestinal hæmorrhage occurred in nine cases. In three cases it was the cause of death ; in one case it preceded perforation ; in the remaining cases recovery ensued.

CIRCULATORY SYSTEM :

Systolic murmurs developed during course of disease in five cases.

Femoral phlebitis occurred in two cases and brachial phlebitis in one case.

RESPIRATORY SYSTEM :

Acute bronchitis was present at onset in 14.9 per cent. of the cases.

Broncho-pneumonia developed in one case.

Pulmonary œdema was present in one case.

In two cases pleurisy with effusion developed.

Tuberculosis was present in one case.

OTHER SYSTEMS :

Periostitis developed during the attack in one case, and in the early stage of convalescence in a second case.

Abscesses developed during convalescence in one case.

Myositis of triceps and deltoid muscles developed on seventy-second day of the disease.

Suppurative otitis media was present in three cases.

Staphylococci were present in pus in one case.

Acute nephritis occurred in four cases. In all cases it developed during the active stage of the disease.

WIDAL TEST :

This test has been employed in all the cases, and in only four cases was the reaction negative throughout the course of the disease. Of these, three cases were regarded as abortive typhoid. The temperature remained elevated in the most prolonged case for ten days. No rose spots were present. The reaction appeared in one case as early as the fourth day of the disease. In one case it was not positive till the eighteenth day. It was present on the average on the eighth day. The reaction has been tried in six cases at date of discharge from the hospital, and in every case has been positive. This is receiving further investigation.

SYNOPSIS OF THE FATAL CASES.

CASE 1.—H. T. (Case No. 3645.) Male, *Æt.* 32, commercial traveller.

Admitted Jan. 10th, 1899, on the eighth day of the disease, complaining of headache, general malaise, anorexia and insomnia, which gradually and progressively increased in severity. No delirium.

On admission, he was a well-nourished man ; mental state good ; pulse 96 ; good volume and fair tension ; abdomen somewhat distended ; rose spots present ; widal reaction positive.

SUBSEQUENT EVENTS :

On the ninth day the patient's condition was satisfactory except that the distension of the abdomen persisted. The following morning patient suddenly had a hæmorrhage from the bowel, not large in amount ; condition fair. Through the day the hæmorrhage recurred, and towards evening patient became weaker ; temperature became subnormal ; pulse 100 to 120. Abdominal distension increased. On the eleventh day of the disease there was no recurrence of the hæmorrhage, but patient complained of severe pain in the epigastrium ; distension persisted to the same degree as on previous day ; pulse weaker, 88 to 112 ; temperature remained below 100° throughout the day. The patient's condition was much worse the following day ; distension extreme ; pulse rapid and weak, 120 to 150 ; face dusky ; occasional sharp pain in the abdomen. The mental condition was good. Towards night patient had a slight intestinal hæmorrhage ; patient became restless ; extremities were cold ; pulse imperceptible. Death ensued on the twelfth day of the disease.

Cause of death—Perforation with hæmorrhage.

CASE II.—J. R. (Case No. 3547.) Female, *Æ.* 18, servant.

Admitted Jan. 10th, 1899, on the eighth day of the disease, complaining of headache, anorexia, insomnia and diarrhoea. The patient had been delirious since the fourth day of the disease.

On admission the patient was delirious, but did not attempt to get out of bed. Pulse rapid and of low tension, 100 to 120; abdomen distended; rose spots present; Widal reaction positive; diarrhoea was present.

SUBSEQUENT EVENTS :

The patient's condition improved till the morning of the eleventh day of the disease, when she had an intestinal hæmorrhage. Temperature fell rapidly and became subnormal; pulse 88 to 120. The condition of patient improved slightly during the day. Vomiting of bile-stained mucus and curdled milk occurred several times in the next twelve hours. The hæmorrhage recurred on the morning of the twelfth day, but the general condition had improved. Another hæmorrhage occurred a few hours later, followed almost immediately by a chill, after which temperature rose to 104°; pulse 122. No jaundice. No pain in abdomen. The hæmorrhage again set in towards morning, and blood oozed from the rectum throughout the night. Pulse rate 160. On the thirteenth day the patient vomited bile-stained fluid on several occasions. The oozing from the rectum ceased this morning, but a few hours later the patient had a profuse hæmorrhage. Pulse imperceptible. Extremities and lips cyanosed. Patient died on the thirteenth day of the disease.

Cause of death—Intestinal hæmorrhage.

Autopsy showed presence of two ulcers in ileum, numerous ulcers in caecum, and a few in colon. The large intestine was filled with blood.

CASE III.—E. M. (Case No. 3833.) Male, *Æt.* 34, farmer.

Admitted March 20th, 1899, on the sixth day of the disease, complaining of frontal headache, malaise, anorexia, and diarrhoea.

On admission he was a well-nourished man; rather dull and apathetic; tongue dry and brown; slight abdominal distension; no rose spots; Widal reaction negative. Temperature 104°. Pulse 100.

SUBSEQUENT EVENTS :

The following day rose spots appeared over the abdomen, but the Widal reaction was not positive till the eighth day. Diarrhoea slight, abdominal distension was not marked. On the tenth day of the disease patient had a slight intestinal hæmorrhage. Pulse and temperature were not affected. Condition was satisfactory till the thirteenth day of the disease at 5 p.m., when the patient began to complain of severe abdominal pain, situated chiefly in the right side of the abdomen. Half an hour later patient had a large, liquid stool, slightly blood-tinged. The abdominal pain was relieved and the distension to a large degree disappeared. Pulse at 6 p.m., 130; temperature had dropped from 102 4/5° to 100 4/5°. Three hours later, pulse 136;

temperature $103 \frac{2}{5}^{\circ}$. At 1 a.m. on the fourteenth day patient vomited. No tenderness of the abdomen present, no distension, and no rigidity. The vomiting persisted till morning. Patient began to hiccough about 3 a.m. Pulse 120 to 124; temperature 100° at 6 a.m. At 8 a.m. there was slight pain in the abdomen, which was somewhat distended. Resistance was felt on the left side of the abdomen, and slight rigidity over the lower part of the abdomen on the right side. Liver dulness $1 \frac{1}{2}''$ to $2''$. No collapse. Mental state fair. At 8 a.m. temperature 99; pulse 104. Slight lividity of lips. Operation was decided upon and performed at 10 a.m.

Free turbid fluid was present in peritoneum, not localised. The visceral and parietal peritoneum were injected. Three inches from the cæcum a pin-hole perforation was found. No adhesions about the opening. The perforation was closed by three through and through sutures, and these with bowel were inverted and closed in with three rows of Lembert sutures. The abdomen was irrigated with saline solution and drainage provided for. Vomiting persisted after operation. Pulse became weak and rapid, 136 to 146. The patient died ten hours after operation. Cultures from peritoneal fluid showed the presence of bacillus coli and staphylococcus pyogenes aureus.

Cause of death—Perforation.

CASE IV.—J. D. (Case No. 4064.) Male, *Æt.* 24, laborer.

Admitted July 17th, 1899, on the first day of the disease, complaining of headache, loss of appetite, pains in back and legs.

On admission, a fairly nourished man; lips cyanosed; mental state dull and listless; abdomen somewhat distended; no tenderness; no rose spots; pulse irregular and somewhat accelerated, 88. A rough presystolic thrill palpable at apex, and on auscultation a very harsh presystolic murmur followed by a blowing systolic murmur were audible at apex.

SUBSEQUENT EVENTS:

The course of the disease was uneventful during the first two weeks. Widal reaction was positive on the ninth day and rose spots appeared on the tenth. No delirium. No distension of the abdomen. On the night of the fifteenth day of the disease the patient had a small intestinal hæmorrhage. Temperature fell rapidly and became subnormal; pulse remained of fair volume and tension and did not increase in frequency, 84. On the sixteenth day the patient's condition was fair. There was no recurrence of the hæmorrhage. Towards evening the patient became restless, and perspired freely. Temperature 102; pulse 100. At 3 a.m. on the seventeenth day patient had a profuse hæmorrhage. Pulse became weak and rapid, 132. Four hours later another severe hæmorrhage occurred. Patient became collapsed. Hæmorrhage recurred at intervals throughout the night, and on the eighteenth day patient's pulse was very weak, 100 to 126; respirations sighing; extremities cold; temperature subnormal. No hæmorrhage occurred throughout the day. On the nineteenth day hæmorrhage recurred on two occasions. The pulse became imperceptible, and patient died.

Cause of death—Intestinal hæmorrhage.

Autopsy showed extensive ulceration in the ileum and cæcum. Ileum and colon contained large amount of blood. Spleen and gall-bladder gave a pure culture of the typhoid bacillus.

CASE V.—J. B. S. (Case No. 4196.) Female, *Æt.* 31.

Admitted Aug. 7th, 1899, on the twelfth day of the disease, complaining of fever, diarrhoea, pain in the abdomen, and chills. Patient had left Liverpool on the first day of the disease, and arrived in Montreal on the twelfth day.

On admission, patient fairly nourished; dull and listless; no delirium; marked cyanosis of lips and tips of fingers; pulse 130; tongue dry and brown; rose spots absent; abdomen was distended and tender throughout; no rigidity; Widal reaction was positive.

SUBSEQUENT EVENTS:

During the four succeeding days after entry pulse was rapid and weak, 120 to 148. Temperature seldom reached 101°. Diarrhoea persisted and meteorism obstinate; mental condition poor. On the seventeenth and eighteenth days of the disease the temperature remained between 102° and 103°, resisting sponging; pulse 130 to 160. The patient had a severe chill on the evening of the eighteenth day; temperature 105 2/5°; pulse very weak; stools passed involuntarily; patient became semi-stuporose. Temperature reached 106 2/5° on the morning of the nineteenth day, but gradually declined throughout the day; pulse rapid and slightly irregular, 120 to 140. On the twentieth and twenty-first days of the disease the temperature ranged between 99° and 102°; pulse 120 to 140. Diarrhoea persisted and distension was marked; no jaundice; liver was not palpable. On the morning of the twenty-second day the patient had another severe rigor; temperature rose to 104 3/5°; pulse 144; four hours later temperature 105 2/5°; pulse 160. The patient became semi-stuporose, the temperature steadily declined and in twelve hours became normal and remained so till time of death, which took place on the twenty-third day of the disease. The respirations had increased in frequency on the twenty-third day, and on examination a small area of dulness was found over base of right lung posteriorly. Blowing breathing was present over dull area.

Cause of death—Toxæmia.

CASE VI.—M. O'G. (Case No. 4488.) Female, *Æt.* 21, housemaid.

Admitted Nov. 27th, 1899, on the seventh day of the disease, complaining of headache, general malaise, pain in back, and feverishness.

On admission delirium was present; pulse 112; tongue moist, coated with a brownish fur; abdomen distended; rose spots present; Widal reaction not positive.

SUBSEQUENT EVENTS :

Delirium became more pronounced, and temperature ranged between 100° and 105° during eighth, ninth and tenth days; pulse somewhat irregular, rate 96 to 126; Widal positive on tenth day; abdominal distension present. On eleventh and twelfth days the temperature was more elevated; pulse more rapid, 110 to 136, and delirium almost constant. The following day the condition was more severe; the temperature reached 105 2/5°; the pulse was rapid and irregular, 120 to 140. Pulmonary œdema complicated the condition and patient died.

Cause of death—Toxæmia.

Autopsy showed swelling of Peyer's patches from three feet above ileoœcæal valve. Ulceration in no case had advanced to a marked degree. Spleen greatly swollen, soft and diffuent. Cultures from spleen and mesenteric glands showed typhoid bacillus.

CASE VII.—W.D. (Case No. 4550.) Male, Æt. 42, blacksmith.

Admitted Dec. 22nd, 1899. The day of the disease could not be definitely determined as patient was in a stuporose condition from the time of entry into the hospital.

On admission, mental condition poor; no delirium; tongue dry and brown; abdomen distended; rose spots present; Widal reaction was doubtful.

SUBSEQUENT EVENTS :

Patient remained in a dull stuporose condition till towards the evening of the day of admission, when he became somewhat restless and slept poorly during the night. Twenty-seven hours after entry patient had a profuse intestinal hæmorrhage. Temperature dropped rapidly and became subnormal; pulse rate increased to 140. The hæmorrhage recurred frequently during the day.

The extremities became cold; pulse towards evening became very thready. Throughout the night and the following day hæmorrhage persisted, and the patient died on the evening of the third day after admission, within thirty hours of the time of appearance of the hæmorrhage.

Cause of death—Intestinal hæmorrhage.

Autopsy showed extensive and advanced ulceration of Peyer's patches in the lower part of the ileum, also of the solitary follicles in the cœcum and ascending colon. The seat of the hæmorrhage was not recognized. A large amount of blood was present in the last four feet of the ileum. The spleen and mesenteric glands were swollen and pulpy.

Cholelithiasis with Cholecystitis Complicating Typhoid Fever.—Cholecystotomy.—Recovery.

C. H., Æt. 28, student.

Admitted October 11th, 1899, on the second day of the disease, complaining of general malaise, pain in back, and feverishness.

FAMILY HISTORY.—Negative.

PAST HISTORY.—Patient had measles and whooping cough when a child; pneumonia when fifteen years of age. From two years of age till twelve he suffered from “weakness of back,” preventing him from stooping to pick up objects. Past history otherwise negative.

PRESENT ILLNESS.—One week ago patient began to feel ill. He suffered from pains all over his body, especially in the back of the head and neck. Three days later he began to feel feverish, and appetite became poor. There was no vomiting, but constipation obstinate. No chills nor chilliness. No delirium.

On admission, temperature was 99.6°, pulse 84. The patient was a poorly nourished man; expression dull, and mental condition apathetic. Chest long and narrow, expansion equal. No adventitious sounds audible in the chest. The abdomen somewhat retracted; no rose spots; slight tenderness in umbilical region. Liver and spleen not palpable.

On the eighth, ninth and tenth days of the disease patient's condition remained much the same as above noted. The temperature varied from 99.8° to 102.2°; pulse 64 to 96. There was some retention of urine during this time. Rose spots appeared on the tenth day. Constipation was relieved by enemata. On the twelfth day the Widal reaction became positive, and the following day the spleen was palpable. Temperature 99.2° to 102.2°; pulse 66 to 84. During the next three days the patient felt fairly comfortable. Temperature remained the same, and pulse not accelerated. No abdominal distension was present, no pain nor tenderness. On the seventeenth day of the disease, about 5.30 p.m., the patient began to complain of abdominal pain. This was at first situated in the middle line about two inches below the ensiform cartilage. Very soon, however, the pain was referred to the right hypochondrium in the nipple line, and had increased in severity. It persisted only for a short time, and two hours later the patient felt comfortable. The pulse and temperature remained unchanged. Locally there was slight tenderness, no mass and no rigidity. At 9 p.m. the patient was nauseated and vomited. The vomitus, about 3iv, consisted of curdled milk streaked with blood. At 9.40 p.m. a severe rigor set in lasting fifteen minutes; temperature rose from 100.4° to 104°; pulse 100. At 10.15 p.m., temperature 105°; pulse 100; respiration 24. The chill was followed by profuse perspiration. Locally the tenderness had increased, and slight rigidity could be detected in the upper part of the abdomen on the right side in the nipple line, beginning just below costal margin and extending downwards a distance of 3" by 2" in width. At 11.30 p.m., temperature 100 4/5°; pulse 90. No mass was palpable; rigidity well marked and percussion note slightly higher pitched over a small area extending 1 1/2" downwards from costal margin in mammary line. Half an hour later the patient had a second rigor; temperature rose to 104.4°; pulse 102. From this time till morning the pain diminished; pulse and temperature declined. On the eighteenth day patient's condition was somewhat improved; tenderness less marked, and rigidity only slight; no tumor palpable; no dulness over

point of greatest tenderness. Urine contains a trace of bile. The following day the conjunctiva and skin icteroid; pain absent; tenderness slight; urine deeply bile-stained. On the twentieth day the general condition improved; pulse 76 to 84; temperature 99.4° to 101.4° . Jaundice had deepened; no pain or tenderness. Two days later the jaundice was much the same. Slight tenderness was present about 1" to the right of the umbilicus; no pain. On the next day, the twenty-third day of the disease, the tenderness was still present in the same region on deep palpation; jaundice persisted; bile was present in the urine; stools clay colored. The following day condition much the same; temperature 102.2° ; pulse 88; tenderness less marked; jaundice less intense. On the twenty-sixth day the jaundice was much less marked, and tenderness had entirely disappeared from the abdomen. The temperature was somewhat more elevated this day than at any time since the seventeenth day— 103.8° . On the night of the twenty-seventh day the patient had a profuse perspiration. On the twenty-ninth day the pain recurred in right hypochondrium; patient complained of chilly sensations, but did not experience a definite rigor, urine contained bile; jaundice was slightly less marked. The following day pain and tenderness were still present; temperature intermittent, 97.4° to 101.4° ; pulse 72 to 90. Two days later the pain became very acute, and tenderness had increased; jaundice present; temperature 103.4° ; pulse 104. The following day the patient vomited; tenderness was very pronounced. Examination of blood showed presence of slight leucocytosis, 10,000 white corpuscles per c.m. Operation was decided upon, and was performed on the thirty-fifth day.

OPERATION.—A longitudinal incision was made parallel to the right rectus beginning at level of ninth costal cartilage and extending downwards 4". The liver was visible at the costal margin covered with inflammatory lymph. The gall-bladder was somewhat enlarged and firmly adherent to undersurface of liver. The adhesions were separated and the gall-bladder drawn into the wound. At the neck of the gall-bladder a stone was felt. On incision into the gall-bladder the inner surface of its base was found dark and gangrenous for about $1\frac{1}{2}$ " in circumference, and on the roof and floor internally were seen two small areas about one c.m. in diameter, where the walls had nearly ulcerated through. Pus exuded from these gangrenous edges. The gall-bladder was now sutured circularly to the parietal peritoneum with silk sutures. One stone the size of an almond was removed and also two irregular smaller pieces found at the junction of the cystic duct with the gall-bladder. One additional silk suture was put into the lower edge of the gall-bladder as a support. Three pieces of iodoform gauze were packed around the gall-bladder and a rubber drain was inserted into the bladder itself. One and a half inches of the gall-bladder remained above the edge of the peritoneum. Silkworm gut sutures were introduced into the lower $3\frac{1}{2}$ " of the wound. The patient left the operating room in good condition. The next day the patient felt comfortable, and also the day following. The wound discharged pure bile, the stools were of slightly brownish color, and no bile in the urine. On the fifth day after operation the wound was dressed; the three

pieces of iodoform gauze were removed. The gall-bladder looked healthy. No pus was present. The rubber drain was still left in, and dressing was the same as at time of operation. Two days later the wound was again dressed. Discharge of bile less free. Gall-bladder was healthy looking, and one piece of iodoform gauze was left in below it. One week later the sutures were removed and iodoform gauze left out. The patient's condition was improving steadily, there having been no elevation of temperature since the day preceding first dressing. Stools were of normal color, and bile absent from urine. The patient improved steadily; the amount of bile discharged from the incision diminished. One month and two days from the time of operation the fistula was closed, and patient made an uninterrupted recovery.

TABLE OF CASES OF TYPHOID FEVER

Admitted into the Royal Victoria Hospital during the six years ending December 31st, 1899.

YEAR	NUMBER OF CASES	NUMBER OF DEATHS	PERCENTAGE OF MORTALITY
1894	84	3	3.5
1895	84	4	4.7
1896	72	0	0.0
1897	75	7	9.3
1898	93	4	4.3
1899	86	7	8.1
Totals	494	25	5.0

CAUSES OF DEATH IN 25 CASES

	1894	1895	1896	1897	1898	1899	Percentage Mortality
Perforation		3		2	1	2	1.6
Intoxication	1			2	2	2	1.4
Hæmorrhage	1			1	1	3	1.2
Septico-Pyæmia		1					.2
Suppurative Cholecystitis				1			.2
Broncho Bromine	1						.2
Abdominal Distension				1			.2

REPORT ON THE CASES OF PNEUMONIA,

By B. D. GILLIES, M.D., SENIOR RESIDENT PHYSICIAN.

During the year 1899 there were treated in the medical wards of the Hospital 39 cases of pneumonia—17 males and 22 females. There were in all six deaths, or a mortality of 15.3 per cent. All of these cases were lobar in type. Comparing the mortality in lobar pneumonia during the past six years, it is noted that of 189 cases 35 resulted in death, or 18.4 per cent.

The following data are of interest :—

Etiology—

AGE.—The average age was 25 years, the oldest patient being 72 and the youngest 15 months.

In decades they are as follows :—

Under 10 years.....	11 cases.
Between 10 and 20 years.....	4 "
" 20 and 30 ".....	10 "
" 30 and 40 ".....	5 "
" 40 and 50 ".....	4 "
" 50 and 60 ".....	3 "
" 60 and 70 ".....	1 case.
Over 70 years.....	1 "

Season—

The largest number of cases were admitted during the month of January, the smallest during the month of June.

Thirty-six per cent. of the cases developed during December, January and February.

Twenty-eight per cent. during March, April and May.

Ten per cent. during June, July and August.

Twenty-six per cent. during September, October and November.

Exposure—

In 33.3 per cent. there was a definite history of exposure to cold or wet immediately preceding the onset of the illness. In one case the attack followed three days after an operation for adenoids. Ether was the anæsthetic employed.

Predisposing Cause—

Twenty per cent. were suffering from disease of the upper respiratory passages immediately before the onset.

In five per cent. there was a history of a preceding attack of influenza. One case followed immediately after a drinking bout.

Six cases had suffered from previous attacks of pneumonia.

Onset—

CHILL.—In 33.3 per cent. this was the first symptom. The average duration was about half an hour. In 17.9 per cent. there were chilly sensations at the onset with no definite rigor.

PAIN.—Was found present at the onset in 76.8 per cent. In 26 per cent. it was sufficiently severe to require special treatment. In almost all cases it was over or in close proximity to the pulmonary lesion. In two cases it was referred to the abdomen.

VOMITING—Occurred at an early period in the disease in 33.3 per cent.

COUGH—Was present in 76 per cent., being hard and painful in 90 per cent. of these.

Anorexia and malaise were present from the onset in all cases.

Feverishness was complained of in 70 per cent.

Delirium occurred at the onset in twelve per cent. of the cases.

In ten per cent. the onset was gradual, with malaise, anorexia and feverishness.

One case walked into the hospital on the fifth day of the disease.

Symptoms and Course—

The average duration of fever was eleven days. The shortest course was four days, ending by crisis. The longest uncomplicated case was seventeen days, when both lower lobes posteriorly were involved in one case, and in another the lower lobe posteriorly and the opposite apex were successively involved.

PART INVOLVED.—The lower lobes were involved in 87 per cent., the upper lobes in 17.9 per cent. In six cases both upper and lower lobes were involved. In twenty-two cases the right lung was involved, in seven cases the left, and in ten cases both lungs.

SPUTUM.—In 35 per cent. the sputum was tenacious and blood-stained. In seventeen cases there was no sputum. Eleven of these were children under ten years of age. Result of bacteriological examination of the sputum noted in 40 per cent. of the cases revealed the presence of the diplococcus pneumoniae in each case.

COUGH.—This was present in 87 per cent. The average date of onset was the second day. In 28 per cent. it was severe, requiring special treatment.

ALIMENTARY SYMPTOMS.—Anorexia was present in all cases. Constipation in 53.8 per cent. Vomiting during the course of the disease was noted in 17 per cent. Diarrhoea occurred in two cases.

Delirium was present in eight per cent. of the cases.

CRISIS—Occurred in 33.3 per cent. of all the cases. On the average it occurred on the eighth day. The date of the earliest crisis was the fourth day; the latest the tenth day. Pseudo crisis occurred in 7.8 per cent. of the cases. The termination was by lysis in 43.6 per cent.

Complications—

HERPES—Occurred in twelve cases; ten of these were labial and two were facial.

PLEURISY WITH EFFUSION—Was present in three cases; in one case aspiration was necessary. The remaining cases cleared up without special treatment.

EMPYÆMA—Occurred in one case, and was cured by operative interference.

PERICARDITIS WITH EFFUSION—Was present in one case combined with pleurisy with effusion.

MYOCARDITIS complicated the condition in one case.

ERYTHEMA NODOSUM—Occurred during the course of the disease in one case.

DELAYED RESOLUTION—Occurred in two cases.

REPORT ON ACUTE RHEUMATISM,

For the Year ending 31st December, 1899.

BY. T. TURNBULL, M.D., RESIDENT PHYSICIAN.

During the year 1899 there were treated in the medical wards of the Hospital thirty-five cases of acute rheumatism, of whom twenty-nine were males and six females.

As regards season, the records show that the disease was more prevalent during April, May, June and July than any other four consecutive months, nineteen cases having been treated during that time. June heads the list with the largest number of cases, viz., seven. July and April come next with five and four respectively.

Average age of the patient 25 years.

Oldest patient, 47 years.

Youngest patient, 10 years.

Between 5 and 10 years of age.....	No patients.
" 10 and 15 "	3 "
" 15 and 20 "	7 "
" 20 and 25 "	10 "
" 25 and 30 "	5 "
" 30 and 35 "	4 "
" 35 and 40 "	3 "
" 40 and 45 "	2 "
Over 45 "	1 patient.

A family history of rheumatism was present in seven cases.

In seven cases there had been one or more attacks of tonsillitis; in one case quinzy preceded the arthritis by a few days.

Preceding attacks had occurred in sixteen of the thirty-five cases. One case gave a history of eight definite attacks in eighteen years, while in five cases there had been at least two previous attacks and frequently recurring joint pains.

No history of chorea could be obtained in any of the cases.

In twenty-eight cases the onset was articular.

In four cases tonsillitis preceded the arthritis; in one case quinzy preceded the joint affection.

In two cases the onset was marked by pain in the chest; one developed pericarditis; the other pleurisy with effusion.

The joints affected in order of frequency were as follows :

Knees	28 cases.
Ankles	27 "
Shoulders	17 "
Hips	13 "
Elbows	10 "
Metacarpo-phalangeal	8 "
Metatarso-phalangeal	3 "
Interphalangeal of hands	7 "
" of feet	2 "
Acromio-clavicular	1 case.

In six cases there was pain in lower dorsal and upper lumbar region.

Endocarditis was present in 22 of the 35 cases, and may be classified as follows :

Mitral regurgitation alone	15 cases.
" stenosis and regurgitation	4 "
" " " with	
aortic stenosis and regurgitation	3 "
Pericarditis occurred in	2 "
Fleurisy with effusion occurred in	3 "
Dry pleurisy occurred in	1 case.

REPORT OF THE SURGICAL DEPARTMENT,

For the Year ending 31st December, 1899.

By C. B. KEENAN, M.D., SENIOR RESIDENT SURGEON.

DISEASES	In Hospital 1st Jan., 1899	ADMITTED			DISCHARGED					Remaining 31st Dec., 1899	Days in Hospital	
		Total	Males	Females	Cured	Improv'd	Not Improv'd	Not Treated	Died		Total	Daily Average
GENERAL DISEASES.												
Enteroptosis		1	1	..	..	1	..	..	..	..	18	18
Erythema nodosum.....		1	1	..	..	1	..	..	..	..	2	2
" " with acute synovitis of wrist joints.....		1	..	1	..	..	1	..	..	..	1	1
Hodgkins' disease		1	1	..	..	1	..	..	..	..	9	9
Leukæmia		2	2	..	..	..	..	2	..	..	5	2.2
Malaria		1	1	..	..	..	..	1	..	..	14	14
Pyæmia, chronic.....		3	2	1	1	1	..	..	1	..	133	44.3
" septicæ with suppara- tive cholecystitis.....		1	1	..	..	..	..	..	1	..	6	6
Toxæmia		1	..	1	1	..	..	..	..	..	10	10
Septicæmia.....		1	..	1	..	..	1	..	..	..	4	4
" scrofula		1	..	1	..	..	..	..	1	..	33	33
Sepsis, gonorrhœal.....		1	..	1	..	1	..	..	..	..	3	3
Syphilis, primary.....		4	4	..	..	4	..	..	..	..	30	7.5
" secondary	2	5	2	3	1	6	..	..	..	..	122	17.4
" tertiary		17	11	6	7	9	..	..	..	1	448	28.0
LOCAL DISEASES.												
RESPIRATORY SYSTEM—												
Empyæma	1	6	4	2	6	..	..	..	1	..	178	25.4
" with acute perfora- tive appendicitis and gen. peritonitis.....		1	1	..	..	..	..	..	1	..	2	2
Bronchitis		1	1	..	..	..	..	1	..	..	1	1
Pleurisy		1	1	..	..	1	..	..	..	..	2	2
LOCOMOTOR SYSTEM.												
I. MUSCLES—												
Torticollis		6	4	2	5	1	..	..	..	..	126	21
Lumbago		1	1	..	..	..	1	..	..	..	7	7
Contractures of leg muscles.....		4	2	2	..	1	1	2	..	..	23	13.2
Forward.....	3	61	40	21	21	27	4	6	5	1	1177	

DISEASES	In Hospital 1st Jan., 1899	ADMITTED			DISCHARGED					Remaining 31st Dec., 1899	Days in Hospital	
		Total	Males	Females	Cured	Improv'd	Not Improv'd	Not Treated	Died		Total	Daily Average
Forward....	3	61	40	21	21	27	4	6	5	1	1177	
<i>Locomotor System.—Con.</i>												
II. TENDONS, BURSÆ & FASCIA												
Teno-synovitis of finger.....	..	1	..	1	..	1	..	..	..	..	8	8
Ganglion of wrist.....	..	1	1	..	1	..	..	..	..	..	1	1
Bursitis, prepatellar.....	..	2	2	..	1	1	..	..	..	..	20	10
" pretibial.....	1	1	1	..	..	..	..	..	5	5
" of elbow.....	..	1	1	..	1	..	..	..	..	..	11	11
Contracted palmar fascia....	..	2	2	..	1	1	..	..	..	..	6	3
III. BONES—												
Osteitis of tibia, sclerosing..	..	2	2	..	1	1	..	..	..	..	32	16
Osteomyelitis of femur.....	..	4	3	1	2	2	..	..	..	..	164	41
" tibia.....	..	13	10	3	5	6	..	1	..	1	407	33.9
" ilium.....	..	1	1	..	1	..	..	..	..	..	58	58
" radius.....	..	1	1	..	..	1	..	..	..	..	16	16
" os calcis.....	..	2	..	..	1	..	..	1	..	..	11	5.5
" phalanges....	..	3	3	..	3	..	..	..	..	..	25	8.3
Osteo periostitis of femur....	1	2	1	1	2	1	..	..	..	..	37	12.3
" " ulna.....	..	2	2	..	2	..	..	..	..	..	36	18
" " radius....	..	2	2	..	..	1	..	..	..	1	19	19
" " ribs.....	..	2	2	..	2	..	..	..	..	..	35	17.5
" " inf. maxilla..	..	1	1	..	..	1	..	..	..	..	3	3
Necrosis of superior maxilla..	..	3	2	1	3	..	..	..	..	..	56	18.6
" " vomer.....	..	2	2	..	..	..	1	..	..	1	4	4
" " ribs.....	1	..	..	..	1	..	..	..	..	..	40	40
Caries of spine.....	1	15	8	7	2	11	3	..	..	..	667	41.7
" " inf. maxilla....	..	1	..	1	1	..	..	..	..	..	8	8
" " ribs.....	..	2	1	1	2	..	..	..	..	..	28	14
" " sternum, with broncho-pneumonia.....
" " humerus.....	..	1	..	1	1	..	..	..	..	..	13	..
" " tibia.....	..	1	..	1	..	..	1	..	..	..	28	..
" " tarsus.....	..	3	3	..	2	1	..	..	..	..	109	36.3
Dactylitis, tubercular.....	..	1	1	..	1	..	..	..	..	..	2	2
Chondritis.....	..	3	3	..	3	..	..	..	..	..	74	24.6
JOINTS.												
Arthritis of knee, tubercular...	2	10	6	4	6	3	..	1	..	1	718	65.2
" " with osteomyelitis of tibia.....	..	1	1	1	29	29
" " septic, with septicæmia	..	1	..	1	1	..	3	3
Forward....	8	147	102	45	67	59	9	9	6	5	3850	

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pital

Daily
Average

18
2
1
9
2.2
14
44.3
6
10
4
33
3
7.5
17.4
28.0

25.4

2
1
2

21
7
13.2

DISEASES	In Hospital 1st Jan., 1899	ADMITTED			DISCHARGED					Remaining 31st Dec., 1899	Days in Hospital	
		Total	Males	Females	Cured	Improv'd	Not Improv'd	Not Treated	Died		Total	Daily Average
Forward....	8	147	102	45	67	59	9	9	6	5	3850	
<i>Joints.—Con.</i>												
Arthritis of hip, tubercular....	1	11	4	7	4	5	.	.	.	3	898	81.6
" sacro-iliac joint, tu- bercular.....	.	1	1	.	.	1	.	.	.	.	7	7
" shoulder, tubercular.....	.	1	1	.	1	.	.	.	.	.	41	41
" wrist, tubercular....	1	1	1	.	.	2	.	.	.	.	29	14.5
" elbow, ".....	.	2	1	1	.	1	.	1	.	.	32	16
Synovitis of knee, traumatic....	.	6	5	1	3	3	.	.	.	.	84	14
" midtarsal articula- tion.....	.	1	1	.	.	.	1	.	.	.	1	1
Ankylosis of knee in faulty po- sition, from septic arthritis..	.	6	6	.	4	.	.	2	.	.	227	37.8
Ankylosis of elbow, traumatic..	.	1	1	.	.	.	.	1	.	.	1	1
" shoulder, ".....	.	1	.	1	.	1	.	.	.	.	18	18
" hip, pseudo.....	1	1	1	.	.	1	.	1	.	.	34	17
" multiple joints, fol- lowing sepsis.....	.	2	1	1	.	2	.	.	.	.	63	31.2
Rheumatoid arthritis.....	.	2	2	.	.	2	.	.	.	.	90	45
Morbus coxae, senilis.....	.	3	.	3	.	.	.	3	.	.	35	11.6
DIGESTIVE SYSTEM.												
I. OESOPHAGUS—												
Stricture of oesophagus.....	1	1	.	1	.	2	.	.	.	.	36	18
" " from cancer of cardia.....	.	1	1	.	.	.	1	.	.	.	21	51
II. STOMACH—												
Gastric ulcer, perforated....	.	3	.	3	2	1	.	.	.	.	103	34.3
Gastritis, acute.....	.	3	2	1	2	1	.	.	.	.	9	6
Gastralgia.....	.	1	1	.	.	1	.	.	.	.	7	7
III. INTESTINES—												
Hernia, inguinal.....	.	35	32	3	23	2	.	4	.	6	753	21.5
" " with phimosi-	.	1	1	.	.	.	1	.	.	.	13	13
" umbilical.....	.	2	.	2	1	.	.	1	.	.	31	15.2
" ventral.....	.	1	.	1	1	.	.	.	.	.	30	30
" strangulated inguinal	.	2	2	.	1	.	.	.	1	.	38	19
" " femoral.....	.	7	4	3	6	.	.	.	1	.	143	20.4
Intestinal obstruction from appendix constricting ileum	.	2	2	.	1	.	.	.	1	.	24	12
Intestinal obstruction from adhesions.....	.	3	.	3	2	.	.	.	.	1	49	16.3
Forward....	12	208	172	76	118	84	12	22	9	15	6667	

s in
bital
Daily
Average

DISEASES	In Hospital 1st Jan., 1899	ADMITTED			DISCHARGED					Remaining 31st Dec., 1899	Days in Hospital	
		Total	Males	Females	Cured	Improv'd	Not Improv'd	Not Treated	Died		Total	Daily Average
Forward....	12	248	172	76	118	84	12	22	9	15	6667	
<i>Digestive System.—Con.</i>												
Perforated ulcer, typhoidal..	..	I	I	..	..	..	..	..	I	..	I	I
Fæcal fistula.....	..	3	I	2	I	..	I	..	..	..	135	45
Enteritis, tubercular.....	..	I	..	I	..	..	..	..	I	..	8	8
Constipation	I	..	I	..	I	..	..	..	..	I	I
IV. RECTUM AND ANUS—												
Hæmorrhoids	23	16	7	19	2	..	2	..	..	180	14.7
" with fissure in ano.....	..	I	..	I	I	..	..	..	..	..	34	34
Fistula in ano.....	..	8	7	I	6	..	..	2	..	..	126	15.9
Stricture of rectum.....	I	..	..	..	..	I	..	..	..	..	9	9
" " with per- foration of intestines and general peritonitis.....	..	I	..	I	..	..	..	..	I	..	I	I
Rectal hæmorrhage	I	I	..	..	..	..	I	..	..	I	I
V. PERITONEUM—												
Tuberculosis of peritoneum..	..	I	..	I	I	..	..	..	..	..	32	32
" " with miliary tuberculosis..	..	I	..	I	..	..	..	..	I	..	61	61
VI. APPENDICITIS—												
Acute, catarrhal (not operated on)	6	3	3	5	..	..	..	..	I	30	5
Acute, catarrhal (operated on)	..	9	4	5	7	I	..	..	..	I	207	23
Chronic, catarrhal.....	..	15	7	8	14	I	..	..	..	..	307	20.4
" obliterative.....	..	3	2	I	..	..	..	..	..	3	31	10.3
Appendicitis, recurrent.	I	20	14	6	18	3	..	..	..	..	561	28.5
" " with mesenteric lymph-adenitis and abscesses.....	..	I	I	..	..	..	..	..	I	..	37	30
Appendicitis, chronic, with abscess.....	..	I	I	..	..	..	..	..	I	..	I	I
Appendicitis, chronic, with retro-cæcal abscess.....	..	I	I	..	I	..	..	..	..	..	30	30
Appendicitis, sub-acute.....	..	5	2	3	3	I	..	..	I	..	102	20.4
" acute, with empyæma.....	..	I	..	I	I	..	..	..	..	..	21	21
Appendicitis, acute, perfor..	2	25	14	11	24	I	I	..	I	..	713	26.3
" " " " and abscess.....	..	2	2	..	I	..	..	..	..	I	45	22.5
Appendicitis, acute, perfor. and gen. perit.....	..	7	7	..	4	..	..	..	3	..	161	23
Forward....	16	386	256	130	224	95	14	28	20	21	9502	

DISEASES	In Hospital 1st Jan., 1899	ADMITTED			DISCHARGED					Remaining 31st Dec., 1899	Days in Hospital	
		Total	Males	Females	Cured	Improv'd	Not Improv'd	Not Treated	Died		Total	Daily Average
Forward....	16	386	256	130	224	95	14	28	20	21	9502	
<i>Digestive System.—Con.</i>												
Appendicitis, acute, gangre- nous.....	2	6	4	2	7	..	..	..	1	..	142	17.7
Appendicitis, acute, gangre- nous, and gen. perit.....	.	5	5	..	3	..	..	..	2	..	99	19.8
VII. GALL-BLADDER AND PAS- SAGES—												
Cholelithiasis.....	..	8	2	6	6	1	..	..	1	..	232	29
" with cholecys- titis.....	..	1	1	..	..	..	..	..	..	1	44	44
Cholecystitis.....	..	1	..	1	..	1	..	..	..	..	16	16
Obstruction to common bile duct.....	..	1	..	1	1	..	..	..	..	..	44	44
Obstruction to common bile duct and pancreatic duct..	..	1	1	..	..	..	..	..	1	..	4	4
VIII. LIVER—												
Cirrhosis of liver.....	..	2	..	2	..	..	1	1	..	..	37	18.5
LYMPH GLANDS.												
Adenitis, cervical tubercular... ..	..	19	9	10	13	4	..	2	..	..	241	12.6
" sub-maxillary.....	..	4	2	2	3	1	..	..	..	..	46	11.2
" axillary, tubercular..	..	2	..	2	1	1	..	..	..	..	32	16
" inguinal, suppurative.	1	19	17	2	19	1	..	..	..	..	296	15.2
" mesenteric, following puerperal septicæmia.....	..	1	..	1	1	..	..	..	..	..	126	126
NERVOUS SYSTEM.												
I. FUNCTIONAL—												
Neurasthenia.....	1	3	3	..	1	1	1	1	..	..	63	15.7
" sexual.....	..	1	1	..	..	1	..	..	..	..	8	8
Hysteria.....	..	2	..	2	..	1	1	..	..	..	18	9
Neurosis.....	..	2	..	2	..	..	1	1	..	..	14	7
II. ORGANIC—												
(a.) <i>Peripheral—</i>												
Neuralgia, trifacial.....	..	1	..	1	1	..	..	..	..	..	16	16
" intercostal.....	..	2	2	..	1	..	1	..	..	..	22	11
" spinal.....	..	1	..	1	..	1	..	..	..	..	34	34
" mammary.....	..	1	..	1	..	1	..	..	..	..	15	15
Forward....	20	469	303	166	281	109	19	33	25	22	11053	

DISEASES	In Hospital 1st Jan., 1899	ADMITTED			DISCHARGED					Remaining 31st Dec., 1899	Days in Hospital	
		Total	Males	Females	Cured	Improv'd	Not Improv'd	Not Treated	Died		Total	Daily Average
Forward....	20	469	303	166	281	109	19	33	25	22	11053	
<i>Nervous System.—Con.</i>												
Sciatica.....	..	2	2	..	..	2	..	..	..	..	47	23.5
Coccygodynia.....	I	I	..	I	2	..	..	..	..	..	34	17
Paralysis of ulnar nerve, traumatic.....	..	I	I	..	I	..	..	..	..	..	16	16
<i>(b.) Cerebral—</i>												
Meningitis, basilar suppu- rative.....	..	I	I	..	..	..	..	..	I	..	17	17
Concussion of brain, with scalp wound.....	..	2	2	..	..	..	..	..	I	I	7	3.5
GENITO-URINARY SYSTEM.												
I. KIDNEY—												
Renal calculus.....	..	13	11	2	8	2	..	2	..	I	273	21
" " with pyoneph- rosis.....	I	..	..	..	..	I	..	..	..	..	33	33
Pyelitis.....	..	2	2	..	..	I	I	..	..	..	18	9
Renal tuberculosis.....	..	2	2	..	..	I	..	I	..	..	14	7
" colic.....	..	2	2	..	I	..	..	I	..	..	22	11
Movable kidney.....	I	6	1	5	3	2	I	..	..	I	135	19.2
Nephralgia.....	..	6	4	2	I	4	..	..	..	I	142	2.3
II. BLADDER—												
Vesical calculus.....	I	2	2	..	3	..	..	..	..	..	185	61.6
" tuberculosis.....	..	I	I	..	..	I	..	..	..	..	6	6
Cystitis.....	I	6	5	I	2	2	..	2	I	..	126	22.2
" with enlarged prostate	..	I	I	..	..	I	..	..	..	..	3	3
Paresis of bladder.....	..	2	2	..	..	I	I	..	..	..	27	13.2
Incontinence of urine, from tabes dorsalis and stricture.	..	I	I	..	..	I	..	..	..	..	41	41
Retention of urine.....	..	I	I	..	I	..	..	..	..	..	3	3
PROSTATE—												
Prostate, hypertrophy of....	..	6	6	..	..	2	I	3	..	..	121	20.1
Prostatitis, acute.....	..	I	I	..	..	I	..	..	..	..	17	17
" with abscess.....	..	I	I	..	I	..	..	..	..	..	12	12
IV. PENIS—												
Phimosis, congenital.....	..	6	6	..	5	..	..	..	..	I	42	7
" acquired.....	I	5	5	..	6	..	..	..	..	..	43	7.1
" " with pri- mary syphilis.....	..	I	I	..	..	I	..	..	..	..	6	6
Forward....	26	541	364	177	315	132	23	42	28	27	12443	

DISEASES	In Hospital 1st Jan., 1899	ADMITTED			DISCHARGED					Remaining 31st Dec., 1899	Total
		Total	Males	Females	Cured	Improv'd	Not Improv'd	Not Treated	Died		
Forward....	26	541	364	177	315	132	23	42	28	27	12443
<i>Genito-Urinary System.—Con.</i>											
Phimosis, with nævus of scrotum.....	..	1	1	..	..	..	1	..	..	..	10 10
Edema of penis, following excision of bubo.....	..	1	1	..	1	..	..	..	..	..	7 7
Chancroids.....	..	1	1	..	1	..	..	..	..	..	9 9
V. URETHRA—											
Urethritis, anterior.....	..	1	1	..	..	1	..	..	..	..	9 9
" posterior.....	..	11	11	..	..	4	4	1	1	1	122 11.1
Stricture of urethra.....	..	14	14	..	8	5	..	1	..	..	192 13.6
" " with rupture of urethra and extravasation of urine.....	..	3	3	..	..	..	..	..	..	3	126 42
VI. TESTICLE, EPIDIDYMIS, AND SPERMATIC CORD—											
Epididymo-orchitis.....	..	19	19	..	3	15	..	1	..	..	180 9.4
" with varicocele.....	..	1	1	..	1	..	..	..	..	..	54 54
Tuberculosis of testicle.....	..	4	4	..	2	1	..	1	..	..	65 16.2
Varicocele.....	..	10	10	..	9	..	..	..	..	1	136 13.6
" with varicose vein of leg.....	..	1	1	..	1	..	..	..	..	..	34 34
Hydrocele.....	..	6	6	..	5	..	..	1	..	..	71 11.8
FEMALE DISEASES.											
Salpingitis and endometritis...	1	..	1	..	..	..	1	..	..	10 10
Pyosalpingitis, rupture, with peritonitis.....	..	1	..	1	..	..	..	..	..	..	6 6
Oöphoritis.....	..	1	..	1	1	..	..	..	1	..	6 6
Pelvic peritonitis.....	..	2	..	2	1	..	..	1	..	..	22 11
Endometritis.....	..	1	..	1	..	1	..	..	..	..	11 11
* Fibroid of uterus.....	..	1	..	1	..	..	..	1	..	..	1 1
" " with twin pregnancy.....	..	1	..	1	1	..	..	..	..	..	34 34
Retroversion of uterus.....	..	1	..	1	..	..	..	..	..	1	10 10
Hæmatoma of vulva.....	..	1	..	1	1	..	..	..	..	..	20 20
Vaginitis.....	..	1	..	1	1	..	..	..	..	..	20 20
Bartholinitis.....	..	1	..	1	1	..	..	..	..	..	9 9
Urethral caruncle.....	..	2	..	2	1	..	..	..	..	1	26 13
Mastitis, chronic.....	..	3	..	3	1	1	..	1	..	..	51 27
Hypertrophy of mammæ.....	..	1	..	1	1	..	..	..	..	..	36 36
Ulceration of " traumatic.....	..	1	..	1	1	..	..	..	..	..	14 14
Forward....	26	633	437	196	356	160	28	51	30	34	13734

CIRCUM

Varicose ve
Phlebitis of
Gangrene of

Eczema, g
" of
" of
" an
Psoriasis .
Tuberculos
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Ulcer of le
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" of a
" of b
Carbuncle
Furuncle .
Callosities
Bunions .
Onychia
Ingrowing

SUPPURATI

I. LYMPH
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II. CELLU
Celluliti

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DISEASES	In Hospital 1st Jan., 1899	ADMITTED			DISCHARGED					Remaining 31st Dec., 1899	Days in Hospital	
		Total	Males	Females	Cured	Improv'd	Not Improv'd	Not Treated	Died		Total	Daily Average
Forward....	26	633	437	196	356	160	28	51	30	34	13734	
CIRCULATORY SYSTEM.												
Varicose veins of leg.....	..	7	2	5	2	4	..	1	..	..	135	19.2
Phlebitis of leg.....	..	2	2	..	1	..	1	..	..	..	43	21.5
Gangrene of foot, senile. ....	..	2	2	..	1	..	..	1	..	..	75	37.5
SKIN.												
Eczema, general.....	..	1	..	1	..	..	..	..	..	1	5	5
" of face.....	1	7	4	3	3	4	1	..	..	..	146	18.3
" of legs.....	..	3	..	3	1	2	..	..	..	..	40	13.3
" of vulva.....	..	1	..	1	..	1	..	..	..	..	37	37
" and seborrhoea of scalp	1	4	..	4	3	2	..	..	..	..	105	21
Psoriasis.....	..	2	1	1	2	..	..	..	..	..	80	40
Tuberculosis of skin of face....	..	5	3	2	2	1	..	1	..	1	74	12.8
" of scalp.....	..	1	..	1	1	..	..	..	..	..	4	4
Ulcer of leg, varicose.....	2	10	2	8	10	2	..	..	..	..	402	33.2
" " traumatic.....	..	3	3	..	3	..	..	..	..	..	88	29.3
" " with erysipelas....	..	1	1	..	..	..	1	..	..	..	14	14
" of arm.....	..	1	1	..	..	1	..	..	..	..	1	1
" of back.....	..	1	1	..	..	..	..	..	..	1	1	1
Carbuncle.....	1	6	6	..	6	..	..	..	..	1	63	9
Furuncle.....	..	4	2	2	3	..	..	..	..	1	36	9
Callosities of foot, painful....	1	1	..	1	1	1	..	..	..	..	46	23
Bunions.....	..	2	1	1	2	..	..	..	..	..	40	20
Onychia.....	..	1	..	1	1	..	..	..	..	..	1	1
Ingrowing toe nails.....	..	4	1	3	4	..	..	..	..	..	42	10.5
SUPPURATING PROCESSES IN SOFT PARTS												
I. LYMPHANGITIS—												
Lymphangitis of arm.....	..	1	1	..	1	..	..	..	..	..	2	2
II. CELLULITIS—												
Cellulitis of arm.....	1	8	8	..	9	..	..	..	..	..	156	17.3
" hand.....	..	1	1	..	..	1	..	..	..	..	2	2
" leg.....	1	4	4	..	4	..	..	..	1	..	80	16
" foot.....	..	1	..	1	1	..	..	..	..	..	3	3
" chin.....	..	1	..	1	1	..	..	..	..	..	5	..
Forward....	34	718	483	235	418	179	31	54	31	39	15463	

DISEASES	In Hospital 1st Jan., 1899	ADMITTED			DISCHARGED					Remaining 31st Dec., 1899	Days in Hospital	
		Total	Males	Females	Cured	Improv'd	Not Improv'd	Not Treated	Died		Total	Daily Average
Forward....	34	718	483	235	418	179	31	54	31	39	15463	
<i>Suppurating Processes in Soft Parts.—Con.</i>												
III. SINUS—												
Sinus of chest wall.....	..	1	1	..	..	1	..	..	..	..	7	7
" scrotum.....	..	1	1	..	1	..	..	..	..	..	38	38
" operation wound....	..	2	..	2	2	..	..	..	..	..	23	11.5
" groin.....	..	2	2	..	..	1	..	1	..	..	14	7
" neck.....	1	1	1	..	2	..	..	..	..	..	19	9.5
IV. ABSCESS—												
Abscess of alveolus.....	..	1	1	..	1	..	..	..	..	..	6	6
" cervical.....	..	8	3	5	7	1	..	..	..	..	57	7.1
" mammary.....	1	3	..	3	4	..	..	..	..	..	92	23
" psoas.....	1	4	4	..	4	1	..	..	..	..	214	42.8
" sacral.....	..	1	1	..	1	..	..	..	..	..	1	1
" ischio-rectal.....	1	1	1	..	1	..	..	1	..	..	83	42.5
" peri-anal.....	..	1	1	..	1	..	..	..	..	..	7	7
" submental.....	..	1	..	1	1	..	..	..	..	..	14	14
" lower jaw.....	..	3	1	2	2	1	..	..	..	..	35	11.6
" chest wall.....	..	1	..	1	1	..	..	..	..	..	20	20
" thigh.....	..	2	1	1	2	..	..	..	..	..	76	38
" leg.....	..	2	2	..	2	..	..	..	..	..	68	34
" groin.....	..	2	1	1	2	..	..	..	..	..	18	9
" gluteal region....	1	3	1	2	4	..	..	..	..	..	80	20
DEFORMITIES												
Cleft palate.....	..	2	..	2	..	..	..	2	..	..	69	49.5
Hare lip, double.....	..	1	1	..	1	..	..	..	..	..	13	13
Absence of bridge of nose....	..	1	..	1	..	..	..	..	..	1	45	45
Talipes, varus.....	..	1	1	..	1	..	..	..	..	..	21	51
" equino-varus.....	..	2	..	2	2	..	..	..	..	..	210	70
" valgus.....	..	2	1	1	..	1	..	1	..	..	33	16.5
Hallux valgus.....	..	1	1	..	1	..	..	..	..	..	13	13
Genu valgum.....	1	1	1	..	1	1	..	..	..	..	160	80
Spina bifida.....	..	2	1	1	2	..	..	..	..	..	42	21
Extrophy of bladder.....	..	1	..	1	..	..	..	1	..	..	17	17
Undescended testicle.....	..	2	2	..	2	..	..	..	..	..	29	14.5
Contracted scar tissue.....	..	2	1	1	1	1	69	34.2
Forward....	40	776	514	262	467	187	31	60	31	40	17056	

I. FRACTURE

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DISEASES	In Hospital 1st Jan., 1899	ADMITTED			DISCHARGED					Remaining 31st Dec., 1899	Days in Hospital	
		Total	Males	Females	Cured	Improv'd	Not Improv'd	Not Treated	Died		Total	Daily Average
Forward....	40	776	514	262	467	187	31	60	31	40	17056	
INJURIES												
I. FRACTURES—												
Fracture of pelvis.....	..	1	1	..	1	..	..	..	..	..	30	30
" of acetabulum.....	1	..	..	..	..	1	..	..	..	..	39	39
" of femur.....	..	7	4	3	3	1	..	2	..	1	159	22.5
" " mal-union.....	..	1	1	..	..	..	..	1	..	..	17	17
" of tibia.....	..	1	1	..	1	..	..	..	..	..	10	10
" " compound.....	..	1	1	..	..	..	..	..	..	1	47	47
" of tibia, old, non-union.....	..	1	1	..	..	..	..	..	..	1	64	64
" of fibula.....	..	3	1	2	3	..	..	..	..	..	40	13.3
" " and inner condyle.....	..	1	1	..	1	..	..	..	..	..	23	23
" of tibia and fibula..	1	14	12	2	11	1	..	1	..	2	342	23.7
" compound comminuted of both bones of leg.....	..	1	1	..	1	..	..	..	..	..	40	40
" compound comminuted of both bones of both legs.....	..	1	1	..	1	..	..	..	..	..	40	40
" of tibia and fibula, mal-union.....	..	1	1	..	..	..	..	1	..	..	2	2
" of metatarsal bones.....	..	1	1	..	1	..	..	..	..	..	6	6
" of ribs.....	..	3	2	1	2	..	1	..	..	..	23	7.6
" of clavicle.....	..	1	1	..	1	..	..	..	..	..	4	4
" of humerus.....	..	3	2	1	3	..	..	..	..	..	139	46.3
" of humerus, skull and clavicle.....	..	1	1	..	1	..	..	..	..	..	34	34
" of humerus, involving elbow joint..	..	3	2	1	2	1	..	..	..	..	98	32.6
" of int. condyle.....	..	1	1	..	1	..	..	..	..	..	1	1
" of radius.....	..	7	3	4	5	2	..	..	..	..	83	11.8
" " and ulna.....	..	2	2	..	1	1	..	..	..	..	23	11.5
" of olecranon.....	..	1	..	1	..	1	..	..	..	..	3	3
" of base of skull.....	..	1	1	..	..	1	..	..	..	..	21	21
" of skull and nasal bones.....	..	1	1	..	1	..	..	..	..	..	9	9
" of nasal bones, depressed.....	:	2	2	..	1	..	1	..	..	..	185	92.5
II. DISLOCATIONS—												
Dislocation of hip, old.....	1	1	1	..	..	..	..	2	..	..	12	6
" of hip, spontaneous after scarlet fever.....	..	1	1	..	..	..	..	..	..	1	327	327
Forward....	43	838	561	277	508	196	33	67	31	46	18977	

DISEASES	In Hospital 1st Jan., 1899	ADMITTED			DISCHARGED					Remaining 31st Dec., 1899	Days in Hospital	
		Total	Males	Females	Cured	Improv'd	Not Improv'd	Not Treated	Died		Total	Daily Average
Forward....	45	875	594	281	534	206	33	68	31	48	19749	
TUMORS												
I. BENIGN—												
Adenoma cystic of breast....	1	1	1	1	1	1	1	1	1	1	5	5
" fibrous " ..	4	4	4	4	4	4	4	4	4	4	34	8.5
" cystic of both kid- neys	1	1	1	1	1	1	1	1	1	1	22	25
Angioma of orbit	1	1	1	1	1	1	1	1	1	1	4	4
Nævus of cheek	4	4	3	3	3	3	3	3	3	3	52	13
" hand	1	1	1	1	1	1	1	1	1	1	5	5
" scrotum	1	1	1	1	1	1	1	1	1	1	9	9
Osteophyte of calcaneum....	1	1	1	1	1	1	1	1	1	1	1	1
Teratoma of sacral region...	1	1	1	1	1	1	1	1	1	1	5	5
Lipomatosis diffuse	1	1	1	1	1	1	1	1	1	1	3	3
Cyst of neck	1	1	1	1	1	1	1	1	1	1	6	6
" floor of mouth	3	3	3	3	3	3	3	3	3	3	38	12.6
" thyroid gland	1	1	1	1	1	1	1	1	1	1	15	15
" ovarian multilocular....	1	1	1	1	1	1	1	1	1	1	28	29
" sebaceous	1	1	1	1	1	1	1	1	1	1	2	2
Cheloid of buttock	1	1	1	1	1	1	1	1	1	1	3	3
II. UNCLASSIFIED—												
Tumor of brain	2	2	2	2	2	2	2	2	2	2	123	61.5
" eyebrow	1	1	1	1	1	1	1	1	1	1	3	3
" orbit	1	1	1	1	1	1	1	1	1	1	10	10
" submaxillary region....	1	1	1	1	1	1	1	1	1	1	6	6
" left hypochondriac region	1	1	1	1	1	1	1	1	1	1	12	12
" sub-hepatic	1	1	1	1	1	1	1	1	1	1	149	149
" of abdomen	1	1	1	1	1	1	1	1	1	1	9	9
III. MALIGNANT—												
Epithelioma of hip	4	4	4	4	4	4	4	4	4	4	166	41.2
" tongue	8	8	8	8	8	8	8	8	8	8	88	11
" cheek	4	4	3	3	3	3	3	3	3	3	219	54.7
" nose	2	2	1	1	1	1	1	1	1	1	29	29.2
" upper jaw	3	3	2	2	2	2	2	2	2	2	41	13.6
" neck	1	1	1	1	1	1	1	1	1	1	14	14
" cervical glands												
recurrent	3	3	3	3	3	3	3	3	3	3	34	11.3
" pharynx	1	1	1	1	1	1	1	1	1	1	4	4
" cesophagus	1	1	1	1	1	1	1	1	1	1	158	158
" penis	2	2	2	2	2	2	2	2	2	2	26	13
" vulva	1	1	1	1	1	1	1	1	1	1	2	2
Carcinoma of breast	16	16	16	16	16	16	16	16	16	16	309	18
Forward....	46	952	635	317	578	213	35	88	33	51	21383	

DISEASES	In Hospital 1st Jan., 1899	ADMITTED			DISCHARGED					Remaining 31st Dec, 1899	Days in Hospital	
		Total	Males	Females	Cured	Improv'd	Not Improv'd	Not Treated	Died		Total	Daily Average
Forward...	46	952	635	317	578	213	35	88	33	51	21383	
<i>Tumors.—Con.</i>												
Carcinoma of tongue.....		1	..	1	1	..	..	..	..	..	6	6
" upper jaw.....		3	3	..	2	..	..	1	..	..	57	19
" cesophagus.....		2	1	1	..	..	1	1	..	..	33	16.5
" stomach.....		3	3	..	..	1	..	2	1	..	61	20.3
" cæcum.....		1	..	1	1	..	..	..	..	..	27	27
" ascending colon		1	..	1	..	1	..	..	..	..	25	25
" transverse colon	1	1	1	..	..	..	2	..	..	..	40	20
" splenic flexure..	1	..	..	..	..	..	..	1	..	..	6	6
" sigmoid, with in- testinal obstruc- tion.....		1	1	..	..	..	..	..	1	..	1	1
" bowel, advanced		1	1	..	..	..	..	1	..	..	2	2
" rectum.....		9	8	1	2	5	1	1	..	..	439	48.8
" peritoneum.....		1	..	1	..	..	1	..	..	..	16	16
" liver.....		2	1	1	..	..	2	..	..	..	46	23
" gall-bladder and passages.....		1	..	1	..	..	..	..	..	1	27	27
" bladder.....	1	1	1	..	..	1	1	..	..	..	29	14.5
Sarcoma of carotid sheath.....		3	2	1	1	1	1	..	..	..	46	15.3
" tonsil.....		2	2	..	..	1	..	1	..	..	23	26.2
" parotid.....		1	..	1	..	..	..	1	..	..	3	3
" face.....		1	1	..	1	..	..	..	..	..	12	12
" breast.....		1	..	1	1	..	..	..	..	..	18	18
" hand.....		1	..	1	1	..	..	..	..	..	1	1
" tibia.....		1	1	..	1	..	..	..	..	..	28	28
" peritoneum.....	1	2	1	1	..	1	1	..	..	1	461	153.6
" testicle.....		1	1	..	..	..	..	1	..	..	1	1
" sacro iliac region.		1	1	..	..	..	1	..	..	..	8	8
FOREIGN BODIES												
Foreign body in bronchus....		1	..	1	..	..	..	1	..	..	..	1/2
Chicken bone in cesophagus..		1	..	1	1	..	..	..	..	..	2	2
Needle in abdominal wall....		1	1	..	1	..	..	..	..	..	29	29
UNCLASSIFIED												
Maligner.....		1	1	..	..	..	..	1	..	..	2	2
Pediculosis of body.....		1	..	1	1	..	..	..	..	..	22	22
Typhoid fever.....		3	3	..	..	1	..	2	..	..	21	7
Otitis media.....		1	1	..	..	1	..	..	..	..	12	12
Companions, etc.....		15	..	15	..	..	..	14	..	1	300	20
Total....	50	1018	670	348	592	226	46	116	34	54	23187	

SURGICAL DEPARTMENT.

Remaining 1st January, 1899.....	50	
Admitted.....	1018	
		— 1068
Discharged, cured.....	592	
" improved.....	226	
" unimproved.....	46	
Not treated.....	116	
Died.....	34	
Remaining.....	54	
		— 1068
Average number of days in Hospital per patient.....	21.7	

in
hospital
Daily
Average

6
19
16.5
20.3
27
25
20
6

1
2
48.8
16
23
27
14.5
15.3
26.2
3
12
18
1
28
153.6
1
8

1/2
2
29

2
22
7
12
20

**CAUSES OF DEATHS
IN
THE SURGICAL DEPARTMENT.**

Case No.		Total
3,270	Appendicitis, perforative, with localized peritonitis.....	1
3,970	" " " "	1
4,091	" " " "	1
3,278	" " generalized peritonitis.....	1
3,485	" " " "	1
3,526	" " " "	1
3,817	" " " "	1
3,835	" " " "	1
3,922	" " " "	1
3,562	" " " " with empyæma.....	1
3,378	" recurrent, with obstruction of ileum and generalized peritonitis.....	1
3,452	" " " toxæmia	1
3,931	Arthritis, septic.....	1
3,265	Carcinoma of sigmoid with generalized peritonitis.....	1
4,114	" stomach	1
3,223	Cellulitis of leg, with gangrene.....	1
3,492	Cholelithiasis.....	1
4,170	Concussion of the brain.....	1
3,361	Cystitis.....	1
3,632	Empyæma.....	1
3,248	Epithelioma of œsophagus.....	1
4,159	" tongue, with aspiration pneumonia.....	1
3,256	Hernia, strangulated femoral.....	1
3,993	" " congenital.....	1
3,623	Meningitis, suppurative basilar.....	1
4,062	Obstruction of common bile duct by fibrosis of the pancreas, with post-operative hæmorrhage.....	1
3,268	Pyæmia, with generalized tuberculosis.....	1
3,384	Pyæmia	1
3,549	Pyosalpingitis, double, with rupture and generalized peritonitis.....	1
4,180	Stenosis of sigmoid and rectum, with rupture and generalized peritonitis.....	1
3,721	Tuberculous enteritis.....	1
3,562	Tuberculous osteomyelitis of sternum, with broncho-pneumonia.....	1
3,583	Tuberculous peritonitis.....	1
3,456	Typhoid ulcer, perforation	1
	Total	34

Sequestro
Craniotom
" "
Excision
" "
" "
Incision
" "
Ignipunc
Elevation
Repair o
Resectio
Skin-gra
Rhinopla
Excision
" "
" "
Incision
" "
Curetting
Sequestro
" "
Excision
" "
" "

SURGICAL OPERATIONS,

For the Year ending 31st December, 1899.

HEAD AND NECK.			Total	Recovered	Died
OPERATION.	CRANIUM.	DISEASE.			
Sequestrotomy	Necrosis of skull, syphilitic.....		2	2	..
Craniotomy	Cerebral tumor.....		1	1	..
"	Meningitis, suppurative.....		1	..	1
FACE.					
Excision.....	Epithelioma of lip.....		7	7	..
"	" of cheek.....		2	2	..
"	" of nose.....		2	2	..
"	Lupus of cheek.....		5	5	..
"	Sarcoma of cheek.....		2	2	..
"	Cyst of cheek.....		1	1	..
Incision.....	Abscess of cheek.....		1	1	..
"	Cellulitis of chin.....		1	1	..
Ignipuncture.....	Nævus of cheek.....		3	3	..
Elevation nasal bones.....	Depressed fracture.....		5	5	..
Repair of hare lip.....	Hare lip, single.....		1	1	..
Resection infra-orbital nerve	Infra-orbital neuralgia.....		1	1	..
Skin-grafting.....	Ulcers of face.....		3	3	..
Rhinoplasty.....	Absence of bridge of nose.....		1	1	..
JAWS.					
Excision superior maxilla.....	Epithelioma.....		3	3	..
" inferior "	"		2	2	..
" temporo-maxillary articulation.....	Anchylosis.....		1	1	..
Incision.....	Abscess.....		5	5	..
"	Fibroma of inf. max.....		1	1	..
Curetting.....	Sinus of inf. max.....		1	1	..
Sequestrotomy.....	Necrosis of inf. max.....		2	2	..
"	" of sup. max.....		1	1	..
MOUTH, PHARYNX AND ŒSOPHAGUS.					
Excision tongue, complete	Epithelioma of.....		2	1	1
" " partial.....	" of.....		3	3	..
" " "	Macroglossia.....		1	1	..
" cyst.....	Ranula.....		3	3	..
Forward.....			64	62	2

		Total	Recovered	Died	
		Forward	64	62	2
NECK.					
OPERATION.	DISEASE.				
Excision, glands	Tuberculosis of	14	14	..	
" "	Adenitis, suppurative	1	1	..	
" "	Cyst of neck	4	4	..	
" glands	Sarcoma of neck	1	1	..	
" "	Epithelioma of, recurrent	2	2	..	
" "	Carbuncle	4	4	..	
" "	Nævus	1	1	..	
Incision	Abscess	14	14	..	
Curetting	Sinus of	3	3	..	
Tenotomy	Torticollis	4	4	..	
Tracheotomy	Epithelioma of pharynx	1	1	..	
" "	Sarcoma of tonsil	1	1	..	
Total		114	112	2	
UPPER EXTREMITY.					
AXILLA AND SHOULDER.					
OPERATION.	DISEASE.				
Excision, joint	Tubercular arthritis	1	1	..	
" axillary glands	" adenitis	5	5	..	
Incision	Abscess	3	3	..	
Reduction	Dislocation, subcoracoid	1	1	..	
ARM.					
Incision	Cellulitis	4	4	..	
Wiring humerus	Compound fracture	1	1	..	
Skin-grafting	Ulcer	1	1	..	
Sequestrotomy	Necrosis of radius	1	1	..	
ELBOW.					
Incision	Bursitis, suppurative	1	1	..	
FOREARM.					
Excision	Cyst	1	1	..	
Incision	Abscess	3	3	..	
" "	Cellulitis	2	2	..	
" "	Osteo periosittis	3	3	..	
Sequestrotomy	Necrosis of radius	1	1	..	
Resection of radius, with wiring	Mal-union of fractured radius	1	1	..	
Wiring fragments	Fracture of radius, compound	1	1	..	
Neurorrhaphy	Paralysis ulnar nerve, traumatic	1	1	..	
Forward		145	143	2	

		Total	Recovered	Died	
		Forward.....	145	143	2
HAND.					
OPERATION.	DISEASE.				
Excision.....	Needle in hand.....	3	3	..	
".....	Sarcoma of hand.....	1	1	..	
".....	Nævus of hand.....	1	1	..	
Incision.....	Cellulitis.....	4	4	..	
Section palmar fascia.....	Contracted palmar fascia.....	2	2	..	
Sequestrotomy.....	Necrosis of second metacarpal.....	1	1	..	
FINGERS.					
Amputation of.....	Dactylitis, tubercular.....	1	1	..	
" of.....	Cellulitis.....	2	2	..	
Incision.....	" of thumb.....	1	1	..	
Curetting.....	Sinus of thumb.....	1	1	..	
Total.....		48	..	..
LOWER EXTREMITY.					
BUTTOCK.					
OPERATION.	DISEASE.				
Incision.....	Tubercular abscess.....	6	6	..	
".....	Tumor.....	1	1	..	
HIP.					
Excision.....	Tubercular arthritis.....	3	3	..	
Incision, abscess.....	" abscess.....	2	2	..	
Reduction.....	Dislocation, spontaneous.....	1	1	..	
Curetting.....	Sinus.....	1	1	..	
GROIN.					
Excision, lymph glands.....	Adenitis, suppurative.....	18	18	..	
Incision.....	Abscess.....	2	2	..	
THIGH.					
Amputation.....	Sarcoma of tibia.....	1	1	..	
" double.....	Crush of both legs.....	1	1	..	
".....	" of leg.....	1	1	..	
		Forward.....	199	197	2

Died

2

2

2

		Total	Recovered	Died	
		Forward	199	197	2
THIGH.—Con.					
OPERATION.	DISEASE.				
Amputation	Osteomyelitis of femur.	1	1	..	
"	Tuberculosis of hip.	1	1	..	
Incision	Abscess.	2	2	..	
"	Cellulitis.	1	1	..	
"	Osteo periostitis.	4	4	..	
Sequestrotomy	Necrosis of femur	4	4	..	
Osteotomy	Genu valgum.	1	1	..	
Resection of femur with wiring.	Malunion of fractured femur.	1	1	..	
KNEE.					
Amputation at joint.	Gangrene of toe, senile.	2	2	..	
Excision.	Arthritis, tubercular.	5	5	..	
"	Anchylisis in faulty position	4	4	..	
Suturing semilunar cartilage.	Dislocated semilunar cartilage	3	3	..	
Incision.	Prepatellar bursitis.	1	1	..	
Suturing.	Wound of.	1	1	..	
LEG.					
Amputation	Tuberculosis of tarsus	1	1	..	
" double.	Crush of both legs.	1	1	..	
Incision.	Cellulitis	4	4	..	
"	Abscess	1	1	..	
"	Osteo periostitis.	3	3	..	
Skin-grafting	Ulcer.	5	5	..	
Curetting	"	1	1	..	
Sequestrotomy.	Necrosis of tibia.	3	3	..	
Circumcision of skin	Varicose veins.	4	4	..	
Excision, veins.	" "	1	1	..	
Resection, with wiring	Malunion of fractured tibia.	2	2	..	
Curetting.	Ulcer.	2	2	..	
Curetting.	Caries of tibia.	2	2	..	
Trephining	Osteitis.	1	1	..	
Excision.	Thorn in leg.	1	1	..	
FOOT.					
Amputation	Crush of toes.	2	2	..	
"	Tuberculosis of metatarsus	1	1	..	
Excision, toe nails.	Ingrowing nails.	6	6	..	
Sequestrotomy	Necrosis of os calcis.	4	4	..	
Tenotomy, tendo Achillis.	Talipes, equino varus.	2	2	..	
Tarsectomy.	" varus.	2	2	..	
Incision. (Phelps' operation).	" "	2	2	..	
		Forward	281	279	2

Excision
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Skin-gra
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Excision
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Incision
Curetting

Excision
axilla
Excision
axilla
Excision
axilla
Excision
"
Incision

Resectio
"
Thoraco
Excision
Incision
"

		Total	Recovered	Died
		281	279	2
Forward.....				
FOOT.—Con.				
OPERATION.	DISEASE.			
Excision, metarso phalangeal articulation.....	Bunions.....	3	3	..
Skin-grafting.....	Ulcer.....	1	1	..
Correction under ether.....	Pes planus.....	1	1	..
Total.....		127	127	..
BACK AND VERTEBRAL COLUMN.				
OPERATION.	DISEASE.			
Excision, coccyx.....	Coccygodynia.....	2	2	..
" meningocele.....	Spina bifida.....	2	2	..
Incision.....	Abscess.....	2	2	..
Curetting.....	Sinus.....	1	1	..
Total.....		7	7	..
THORAX AND CHEST WALL.				
BREAST.				
OPERATION.	DISEASE.			
Excision, complete, with dissection of axilla.....	Carcinoma.....	12	12	..
Excision, complete, with dissection of axilla.....	Sarcoma.....	2	2	..
Excision, complete, with dissection of axilla.....	Tumor, unclassified.....	2	2	..
Excision.....	Fibro adenoma.....	4	4	..
".....	Chronic mastitis.....	2	2	..
".....	Hypertrophy.....	1	1	..
Incision.....	Abscess.....	3	3	..
CHEST.				
Resection of rib.....	Caries of rib.....	7	7	..
" ".....	Empyæma, with persistent sinus.....	3	3	..
Thoracotomy, with resection of rib.....	".....	4	3	1
Excision.....	Fibroma.....	1	1	..
Incision.....	Abscess.....	1	1	..
".....	Perichondritis.....	2	2	..
Total.....		44	43	..
		337	334	3
		Forward.....		

Died
2

2

		Total	Recovered	Died
Forward		337	334	3
GENITO-URINARY.				
KIDNEYS.				
OPERATION.	DISEASE.			
Nephrorrhaphy	Movable kidney	3	3	.
Nephrotomy	Cystic-adenoma	1	1	..
"	Nephralgia	2	2	..
"	Pyemia	1	1	..
Nephro-lithotomy	Nephro-lithiasis	6	6	..
Nephrotomy, exploratory	Cholelithiasis	1	1	..
Catheterizing ureters	Nephralgia	2	2	..
BLADDER AND URETHRA.				
Exploration of bladder	Miscellaneous	18	18	..
Lithotomy, suprapubic	Vesical calculus	2	2	..
" perineal lateral	" "	1	1	..
Cystotomy, suprapubic	Cystitis	1	1	I
" "	Enlarged prostate	1	1	..
" perineal median	Urethritis, posterior	1	1	..
" " "	Carcinoma of bladder	1	1	..
" " "	Ruptured urethra	2	2	..
" " "	Stricture of urethra	2	2	..
" suprapubic and perineal	" "	1	1	..
" " " "	Enlarged prostate	1	1	..
Urethrotomy, internal	Stricture	3	3	..
" external	"	1	1	..
" internal, with median }	"	12	12	..
perineal section	"	14	14	..
Dilatation of urethra	"	14	14	..
Excision	Caruncle of urethra	2	2	..
PENIS.				
Circumcision	Phimosis	17	17	..
Amputation	Epithelioma	1	1	..
Excision	Papilloma	1	1	..
Trimming stump	Self-amputated penis	1	1	..
Cauterizing	Phagedæna	3	3	..
SCROTUM, TESTES AND VULVA.				
Excision	Varicocele	11	11	..
Radical cure	Hydrocele	4	4	..
Tapping	"	2	2	..
Forward		456	452	4

Castrati
Epididy
Castrati
Bringing
Excision
Scrapin
Incision

Excision
Incision
"
Excision
Dilatati
Repair

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Incision
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Curetti

Radica
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Explor
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"

		Total	Recover-ed	Died	
		Forward.....	456	452	4
SCROTUM, TESTES AND VULVA.—Con.					
OPERATION.		DISEASE.			
Castration	Epididymo-orchitis tubercular	4	4	..	
Epididymectomy.....	Epididymitis "	1	1	..	
Castration	Undescended testicle.....	1	1	..	
Bringing down testicle.....	" "	1	1	..	
Excision.....	Necrosis of scrotum.....	1	1	..	
Scraping	Sinus of scrotum, tubercular.	1	1	..	
Incision.....	Bartholinitis.....	1	1	..	
ANUS AND RECTUM.					
Excision.....	Hæmorrhoids.....	19	19	..	
Incision	Fistula in ano.....	7	7	..	
"	Abscess, ischio rectal.....	2	2	..	
Excision of rectum.....	Carcinoma of rectum.....	3	3	..	
Dilatation	Stricture of rectum.....	2	2	..	
Repair of torn mucous memb. of anus.	Enteritis, tubercular.....	1	..	1	
Total.....		163	161	5	
ABDOMEN.					
ABDOMINAL WALL.					
OPERATION.		DISEASE.			
Suturing.....	Operation wound.....	7	7	..	
" gall-bladder.....	Biliary fistula	1	1	..	
Incision.....	Abscess	4	4	..	
Removal, pin	Pin in abdominal wall.....	1	1	..	
Curetting.....	Sinus of wall	2	2	..	
HERNIA.					
Radical cure.....	Inguinal.....	29	29	..	
" "	Femoral.....	3	3	..	
" "	Ventral	1	1	..	
" "	Umbilical	1	..	1	
" "	Femoral, strangulated.....	1	..	1	
" "	Inguinal "	4	3	1	
EXPLORATORY LAPAROTOMY.					
Exploration.....	Carcinoma of colon.....	2	2	..	
"	" of liver.....	3	3	..	
"	" of gall bladder.....	1	1	..	
"	" of omentum.....	1	1	..	
Forward		561	554	7	

		Total	Recovered	Died
Forward.....		561	554	7
EXPLORATORY LAPAROTOMY.—Con.				
OPERATION.	DISEASE.			
Exploration	Carcinoma of stomach	1	..	1
"	{ Adenitis, suppurative of mesenteric lymph glands	1	..	1
"	Movable kidney	1	1	..
"	Intestinal obstruction from pelvic adhesions..	1	1	..
" with appendicectomy	Sarcoma of peritoneum	1	1	..
"	Peritonitis	1	..	1
"	Cirrhosis of liver, with enteroptosis	1	1	..
"	Enteroptosis	1	1	..
LAPAROTOMY.				
Appendicectomy	Acute catarrhal	9	9	..
"	Chronic "	9	9	..
"	Obliterating "	3	3	..
"	Recurrent "	1	1	..
"	{ Recurrent, with mesenteric lymph adenitis and abscess	1	1	1
"	Chronic, with abscess	1	..	1
"	" " retrocæcal	1	1	..
"	Sub acute	5	4	1
"	Acute, with empyæma of appendix	1	1	..
"	" perforative	25	24	1
"	" " with abscess.	2	2	..
"	" " " general peritonitis..	7	4	3
"	" gangrenous	6	5	1
"	" " with general peritonitis..	5	3	2
Colotomy, inguinal	Carcinoma of rectum	8	8	..
"	" of sigmoid	2	..	2
Cholecystotomy and removal of gall stones	} Cholelithiasis.	5	5	..
Choledochotomy and removal of gall stones				
Cholecystotomy	Carcinoma of gall bladder	1	1	..
Cholecystenterostomy	{ Obstruction to pancreatic and common bile duct	1	..	1
Gastro-enterostomy, with entero-entrostomy	Carcinoma of pylorus	1	1	..
Suturing stomach	Perforated gastric ulcer	2	2	..
Gastrostomy, with permanent fistula	Carcinoma of œsophagus	2	2	..
Suturing intestine	Fæcal fistula	3	3	..
"	Perforation from typhoidal ulceration	1	..	1
Ileo-colostomy	Carcinoma of cæcum	1	1	..
Forward.....		674	650	24

Excision
"
"
Incision
Laparot
Incision,
Hysterec
Breaking

T

REPORT OF THE GYNÆCOLOGICAL DEPARTMENT.

For the Year ending 31st December, 1899.

By H. P. STOCKWELL, M.D., RESIDENT GYNÆCOLOGIST.

DISEASES	In Hospital 1st Jan., 1899	ADMITTED			DISCHARGED					Remaining 31st Dec., 1899	Days in Hospital	
		Total	Males	Females	Cured	Improv'd	Not Improv'd	Not Treated	Died		Total	Daily Average
Abortion	6	..	6	6	..	..	..	..	..	90	15
Abscess, ovarian, tubercular	2	..	2	2	..	..	..	..	..	153	76½
Abscess, ovarian, with oophoro-salpingitis	1	..	1	1	..	..	..	..	..	65	65
Abscess, vaginal	1	..	1	1	..	..	..	..	..	6	6
Abscess, parietal	1	..	1	..	..	..	..	..	1	56	56
Anteflexion of uterus	9	..	9	8	..	..	1	..	..	209	23 2-9
Anteflexion of uterus, with anteversion	1	..	1	..	..	..	..	..	1	30	30
Appendicitis	1	..	..	..	1	..	..	..	..	..	4	4
Bladder, irritable	1	..	1	1	..	..	..	..	..	45	45
Bladder, ulceration of	1	..	1	1	..	..	..	..	..	44	44
Cæsarian section	1	..	1	1	..	..	..	..	..	37	37
Carcinoma of cervix	1	..	1	1	..	..	..	..	..	20	20
Carcinoma of uterus	5	..	5	3	1	1	..	..	..	212	42 2-5
Carcinoma of vagina	1	..	1	..	1	..	..	..	..	6	6
Chancroids, with bubo	2	..	2	1	1	..	..	..	..	20	10
Cholelithiasis	2	..	2	..	1	..	1	..	..	13	6½
Companion (cæsarian section child)	1	1	..	..	..	..	..	..	..	1	1
Condylomata of vagina	1	..	1	1	..	..	..	..	..	10	10
Constipation, chronic	1	..	1	..	..	..	..	..	1	46	46
Cyst, intraligamentous	1	..	1	1	..	..	..	..	..	26	26
Cyst, ovarian, with pelvic peritonitis	1	..	..	..	1	..	..	..	..	..	5	5
Cyst, ovarian	1	..	..	..	1	..	..	..	..	..	18	18
Cystic ovaries	26	..	26	25	..	1	..	..	..	767	29½
Cystitis	1	7	..	7	6	1	..	..	..	1	185	23½
Cystitis, tubercular	2	..	2	..	2	..	..	..	..	73	36½
Cystitis, with vaginitis	1	..	1	..	..	..	..	..	1	8	8
Cystitis, with proctitis	1	..	1	..	1	..	..	..	..	45	45
Dysmenorrhœa	3	..	3	1	1	1	..	..	..	52	17½
Endometritis	10	..	10	9	..	..	1	..	..	193	19 3-10
Endometritis, purulent	1	..	1	..	..	..	..	..	1	28	28
Enteroptosis	1	..	1	..	..	..	1	..	..	6	6
Forward	4	91	1	90	72	9	3	4	....	6	2473	..

Fibro-my...
gle and
Fibro-my...
diabete...
Fibro-my...
ous ...
Fibroid of...
Fibrous p...
Fibrous p...
Fistula, in...
Fistula, r...
Hæmatom...
Hydrosal...
Hyperem...
Laceratio...
Laceratio...
cystic o...
Laceratio...
perineu...
Laceratio...
perineu...
ovaries...
Lacerated...
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cystoce...
Lead poi...
Metritis...
Metritis v...
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Metritis...
Metrorrh...
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Neurasth...
Oophorit...
Oophorit...
Oophoro...
Oophoro...
pelvic...
Pelvic ce...
" h...
" p...

DISEASES	In Hospital 1st Jan., 1899	ADMITTED			DISCHARGED					Remaining 31st Dec., 1899	Days in Hospital	
		Total	Males	Females	Cured	Improv'd	Not Improv'd	Not Treated	Died		Total	Daily Average
Forward....	4	91	1	90	72	9	3	4	..	6	2473	..
Fibro-myoma of uterus, single and multiple.....	1	13	..	13	8	1	..	1	3	1	296	22 10-13
Fibro-myoma of uterus, with diabetes.....	..	1	..	1	..	1	..	..	..	..	17	17
Fibro-myoma, intraligamentous.....	..	1	..	1	1	..	..	..	..	..	40	40
Fibroid of ovary.....	..	1	..	1	..	..	..	..	..	1	22	22
Fibrous polypus of cervix....	..	1	..	1	1	..	..	..	..	..	12	12
Fibrous polypus of uterus....	..	1	..	1	1	..	..	..	..	..	23	23
Fistula, intestino-vesical....	..	1	..	1	1	..	..	..	..	..	35	35
Fistula, recto-vaginal.....	..	1	..	1	1	..	..	..	..	..	20	20
Hæmatoma of vulva.....	..	1	..	1	1	..	..	..	..	..	11	11
Hydrosalpinx.....	..	1	..	1	1	..	..	1	..	..	1	1
Hyperemesis gravidarum....	..	1	..	1	1	..	..	..	..	..	6	5
Laceration of cervix.....	1	7	..	7	6	..	..	2	..	..	202	25 1/4
Laceration of cervix, with cystic ovaries.....	..	1	..	1	1	..	..	..	..	..	30	30
Laceration of cervix and perineum.....	..	8	..	8	7	..	..	1	..	..	216	27
Laceration of cervix and perineum, with cystic ovaries.....	1	2	..	2	3	..	..	..	..	..	51	17
Lacerated perineum, complicating puerperium....	..	1	..	1	..	1	..	..	..	..	11	11
Lacerated perineum, with cystocele.....	..	1	..	1	1	..	..	..	..	..	31	31
Lead poisoning.....	..	1	..	1	1	..	..	..	..	..	10	10
Metritis.....	..	4	..	4	3	1	..	..	..	..	68	17
Metritis with vaginitis....	..	2	..	2	..	1	..	..	..	1	87	43 1/2
Metritis with neurasthenia..	..	1	..	1	..	..	..	1	..	..	3	3
Metritis with diabetes mellitus.....	..	1	..	1	..	..	..	1	..	..	4	4
Metritis, chronic cervical...	..	1	..	1	1	..	..	..	..	..	11	11
Metrorrhagia.....	..	5	..	5	5	..	..	..	..	..	85	17
Metrorrhagia and menorrhagia.....	..	1	..	1	1	..	..	..	..	..	8	8
Neurasthenia.....	..	1	..	1	..	..	..	1	..	..	1	1
Oophoritis.....	..	3	..	3	3	..	..	..	..	..	82	27 1/3
Oophoritis, with vaginitis..	..	1	..	1	1	..	..	..	..	..	10	10
Oophoro-salpingitis.....	..	38	..	38	17	9	1	3	2	6	1165	30 1/2
Oophoro-salpingitis, with pelvic peritonitis.....	..	1	..	1	..	..	..	..	1	..	5	5
Pelvic cellulitis.....	..	1	..	1	..	1	..	..	..	..	5	5
" hæmatocle.....	..	1	..	1	..	1	..	..	..	..	19	19
" peritonitis.....	..	1	..	1	1	..	..	..	..	..	39	9
Forward....	7	198	1	197	139	25	4	15	6	15	5098	..

in
al
Daily
Average
15
76 1/2
65
6
56
23 2-9
30
4
45
44
37
20
42 2-5
6
10
6 1/2
1
10
46
26
5
18
29 1/2
23 3/8
36 1/2
8
45
17 1/3
19 3-10
28
6
..

DISEASES	In Hospital 1st Jan., 1899	ADMITTED			DISCHARGED					Remaining 31st Dec., 1899	Days in Hospital	
		Total	Males	Females	Cured	Improv'd	Not Improv'd	Not Treated	Died		Total	Daily Average
Forward....	7	198	1	197	139	25	4	15	6	15	5098	.....
Pelvic peritonitis, tubercular	1	2	..	2	..	1	1	1	..	..	99	33
" " chronic plastic	..	1	..	1	..	..	..	..	..	1	36	36
Prolapsed uterus.....	..	1	..	1	..	1	..	..	..	..	10	10
" " and vagina.	2	..	2	2	..	..	..	..	..	114	57
Prolapsed uterus and vagina, with granular cervix.....	..	1	..	1	1	..	..	..	..	..	34	34
Pyosalpinx, single.....	..	1	..	1	1	..	..	..	..	..	36	36
" " double.....	..	3	..	3	2	..	..	..	1	..	103	34½
Pregnancy	1	..	1	..	1	..	..	..	..	11	11
" with separated recti.	1	..	1	..	1	..	..	..	..	2	2
Puerperal septicæmia.....	..	3	..	3	..	..	..	1	..	1	..	..
Retroversion of uterus.....	..	15	..	15	13	..	..	..	..	2	561	37
" " with acute metritis.....	..	1	..	1	..	1	..	..	..	..	21	21
Retroversion of uterus, with chronic metritis.....	1	1	..	1	2	..	..	..	..	..	24	12
Retroversion of uterus, with lacerated cervix.....	..	1	..	1	1	..	..	..	..	..	20	20
Retroversion of uterus, with lacerated perineum.....	..	6	..	6	4	1	..	1	..	..	121	20½
Retroversion of uterus, with fibro myoma of uterus....	..	1	..	1	1	..	..	..	..	..	33	33
Retroversion of uterus, with metritis and retroflexion..	..	1	..	1	1	..	..	..	..	..	23	23
Retroflexion of uterus.....	..	1	..	1	1	..	..	..	..	..	32	32
Retained secundines.....	..	1	..	1	1	..	..	..	..	..	20	20
Sapræmia.....	..	1	..	1	1	..	..	..	..	..	4	4
Sinus.....	..	2	..	2	..	1	..	1	..	..	12	6
Subinvolution of uterus.....	..	1	..	1	..	1	..	..	..	..	4	4
Vaginitis.....	..	7	..	7	5	2	..	..	..	..	134	22
Vagina, foreign body in....	..	1	..	1	1	..	..	..	..	..	8	8
Total....	9	253	1	253	176	35	5	19	8	19	6561	.

Patients remaining January 1st, 1899.....	9
Admitted during 1899.....	253
Total treated.....	262
Patients discharged, cured.....	176
" " improved.....	35
" " not improved.....	5
" " not treated.....	19
" died.....	8
" remaining December 31st, 1899.....	19
Total.....	262
Average number of days in Hospital, per patient.....	25.04

Daily
 Average
 Hospital

GYNÆCOLOGICAL OPERATIONS,

For the Year ending 31st December, 1899.

	OPERATION	Total	Cured	Improved	Not Improved	Died
33	Alexander's operation.....	1	1	..	..	..
36	Amputation of cervix, circular.....	3	3	..	..	..
34½	" " Martin's.....	2	2	..	..	..
11	" " Schroeder's.....	5	4	1	..	..
2	" " unclassified.....	2	2	..	..	..
..	Appendicectomy.....	5	5	..	..	..
37	Cauterizing rectum.....	1	..	1	..	..
21	Curetting cervix for epithelioma.....	2	..	2	..	..
	" uterine cavity.....	79	72	5	2	..
12	Colporrhaphy, anterior.....	14	13	1	..	..
	" posterior.....	3	3	..	..	..
20	Dilatation of bladder.....	3	..	3	..	..
	" urethra.....	1	1	..	..	..
20½	Division of vaginal cicatrices.....	2	2	..	..	..
	Dudley's operation for antelexion.....	3	2	1	..	..
33	Eneucleation of uterine fibroids.....	2	2	..	..	..
	" of intraligamentous fibroids.....	2	2	..	..	..
23	" " cyst.....	1	1	..	..	..
32	Extirpation of cervix.....	1	1	..	..	..
20	Hysterectomy, supravaginal.....	7	5	..	..	2
4	" vaginal.....	1	1	..	..	..
6	Incision of abscess.....	2	2	..	..	..
4	" of cervix.....	4	4	..	..	..
22	" of hæmatoma of vulva.....	1	1	..	..	..
8	Ignipuncture of cystic ovaries.....	9	8	1	..	..
	Inserting pessary.....	1	1	..	..	..
	Internal shortening of round ligaments.....	8	8	..	..	..
	Ligature of uterine arteries.....	1	1	..	..	..
	Laparotomy, breaking up adhesions.....	1	..	1	..	..
	" after hysterectomy, for obstruction.....	1	..	..	..	1
	Oophoro-salpingectomy, double.....	8	7	..	..	1
	" single.....	7	5	..	..	2
	Oophorectomy.....	4	4	..	..	..
	Repair of cervix, Emmet's.....	13	12	1	..	..
	" of perineum, Emmet's.....	9	9	..	..	..
	" " modified flap splitting.....	3	3	..	..	..
	" " unclassified.....	4	4	..	..	..
	" of separated recti.....	1	1	..	..	..
	" of fistula in ano.....	3	3	..	..	..
	Forward.....	220	196	16	2	6

	Total	Cured	Improved	Not Improved	Died
Forward	220	196	16	2	6
Repair of fistula, recto-vaginal	1	1	..	..	..
" " entero-vesical	1	1	..	..	..
Resection of ovaries....	27	20	4	3	..
" of fallopian tubes.....	3	2	1	..	..
" of hæmorrhoids	2	2	..	..	..
Removal of ovarian cyst.....	1	..	1	..	..
Salpingectomy, single.....	1	1	..	..	..
" double.....	1	1	..	..	..
Tamponing uterus.....	2	2
Ventro-fixation of uterus.....	19	19
Total	278	245	22	5	6

RE

Conjunct
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"
Pterygium
Tumor of

COF

Keratitis
"
"
Ulcer of
Wound of
Foreign
Leukoma
Staphylo
Hyphae
Burn of

Glaucom
"
Phthisis
Tumor,
Sarcoma
Foreign
Contusio

REPORT OF EYE AND EAR DEPARTMENT,

For the Year ending 31st December, 1899.

By FRED. T. TOOKE, B.A., M.D., RESIDENT OPHTHALMOLOGIST.

DISEASES	In Hospital 1st Jan., 1899	ADMITTED			DISCHARGED					Remaining 31st Dec., 1899	Days in Hospital	
		Total	Males	Females	Cured	Improv'd	Not Improv'd	Not Treated	Died		Total	Daily Average
CONJUNCTIVA												
Conjunctivitis, chronic granular.	15	10	5	5	6	1	2	..	1	391	26
" phlyctenular	2	1	1	2	..	..	..	..	..	50	25
" eczematous	1	1	..	1	..	..	..	..	..	4	4
" gonorrhoeal	2	..	2	2	..	..	..	..	..	17	8
Pterygium	1	1	..	1	..	..	..	..	..	8	8
Tumor of conjunctiva	1	1	..	..	1	..	..	..	..	7	7
CORNEA AND SCLEROTIC												
Keratitis, interstitial	1	7	7	..	3	5	..	..	..	..	114	16
" phlyctenular	1	2	2	..	3	..	..	..	..	..	28	9
" fascicular	1	1	..	..	..	..	..	..	1	54	54
Ulcer of cornea, (simple)	14	7	7	7	7	..	..	..	..	383	27
Wound of cornea	3	3	..	2	1	..	..	..	..	65	21
Foreign body in cornea	1	1	..	..	..	..	..	..	1	39	39
Leukoma corneæ	4	2	2	..	3	1	..	..	..	68	17
Staphyloma corneæ	1	..	1	1	..	..	..	..	..	14	14
Hyphema	1	1	..	1	..	..	..	..	..	55	55
Burn of cornea	1	1	..	..	..	..	..	..	1	25	25
GLOBE												
Glaucoma, secondary	1	1	..	..	1	..	..	..	..	55	55
" chronic	7	3	4	3	3	..	..	..	1	90	12
Phthisis bulbi	5	1	4	2	1	2	..	..	..	75	15
Tumor, intraocular	2	..	2	1	..	1	..	..	..	47	23
Sarcoma of orbit	1	1	..	..	..	1	..	..	..	7	7
Foreign body in eyeball	6	6	..	3	1	2	..	..	..	221	36
Contusion of eyeball	8	6	2	7	1	..	..	..	..	92	11
Forward	2	87	57	30	44	30	8	2	..	5	1909	....

DISEASES	In Hospital 1st Jan., 1899	ADMITTED			DISCHARGED					Remaining 31st Dec., 1899	Days in Hospital	
		Total	Males	Females	Cured	Improv'd	Not Improv'd	Not Treated	Died		Total	Daily Average
Forward....	2	87	57	30	44	30	8	2	..	5	1909	..
LENS												
Cataract, capsular.....	..	4	1	3	3	1	..	..	..	..	100	33
" congenital.....	..	2	2	..	1	..	..	..	..	1	41	20
" lamellar.....	1	3	1	2	4	..	..	..	..	..	124	31
" nuclear.....	..	2	1	1	1	..	..	1	..	..	11	11
" ophthalmia.....	..	1	1	..	1	..	..	..	..	..	37	37
" traumatic.....	..	4	3	1	2	2	..	..	..	..	114	28
" secondary.....	..	2	1	1	1	1	..	..	..	..	91	45
" senile.....	3	27	16	11	26	1	1	..	..	2	846	28
Lenticonus.....	..	1	1	..	..	..	..	..	..	1	95	95
Lens, dislocation of.....	..	2	2	..	2	..	..	..	..	..	25	12
LIDS												
Epithelioma of lid.....	..	1	1	..	1	..	..	..	..	..	13	13
Entropion.....	..	4	1	3	3	1	..	..	..	..	85	21
Ectropion.....	..	1	1	..	..	..	..	..	..	1	42	42
Ptosis.....	..	1	1	..	..	1	..	..	..	..	10	10
Symblepharon.....	..	2	2	..	1	..	..	..	..	1	42	20
Ulcer of lid.....	..	2	2	..	1	..	..	..	..	1	60	30
MUSCLES												
Strabismus, convergens.....	..	4	2	2	4	..	..	..	..	..	57	14
" divergens.....	..	2	..	2	2	..	..	..	..	..	50	25
OPTIC NERVE AND RETINA												
Atrophy of optic nerve.....	..	4	4	..	..	2	2	..	..	..	84	21
Neuritis, retro-bulbar.....	..	3	3	..	1	..	1	..	..	1	88	29
Nuclear paralysis.....	..	1	..	1	..	..	1	..	..	..	9	9
Retina, detached.....	2	5	5	..	1	3	3	..	..	..	145	20
Vitreous, hæmorrhage into.....	1	..	..	..	..	1	..	..	..	..	21	21
" opacities.....	..	2	1	1	..	2	..	..	..	..	86	43
Retinitis, albumenuria.....	..	1	1	..	..	..	1	..	..	..	41	41
REFRACTION AND ACCOMMODATION												
Myopia, high grade.....	2	2	2	..	2	1	..	..	..	1	78	39
Astigmatism.....	..	1	1	..	..	1	..	..	..	..	16	16
Forward....	11	171	113	58	101	47	17	3	....	14	4344	..

DIS

Irido cyclitis .
Iritis
" retino ch
" sclero ker

LACHRYMA

Dacryocystitis,
Carcinoma of
Occlusion of la

Abscess, cervic
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meatus
Adenoids
Foreign body in
Furunculosis .
Impacted cerum
Mastoiditis, ac
Ostitis media,
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Sclerosing deaf
Suppurating po
auditory me

Patients
Admitte

Total tr
Patients

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Average

Total	Days in Hospital	Daily Average	DISEASES	In Hospital 1st Jan., 1899	ADMITTED			DISCHARGED					Remaining 31st Dec., 1899	Days in Hospital	
					Total	Males	Females	Cured	Improv'd	Not Improv'd	Not Treated	Died		Total	Daily Average
909	..	..	Forward....	11	171	113	58	101	47	17	3	..	14	4244	..
			UVEA												
100	33	..	Irido cyclitis .....	..	9	3	6	4	4	..	1	..	..	174	19
41	20	..	Iritis .....	..	4	3	1	3	..	..	..	..	1	117	29
124	31	..	" retino chorio. ....	..	2	..	2	1	1	..	..	..	..	23	11
11	11	..	" sclero kerato. ....	..	1	1	..	..	..	..	..	..	1	36	36
37	37	..													
114	28	..													
91	45	..	LACHRYMAL APPARATUS												
346	28	..	Dacryocystitis, chronic	1	7	5	2	6	2	..	..	..	..	146	21
95	95	..	Carcinoma of lachrymal gland. ....	..	1	1	..	1	..	..	..	..	..	18	18
25	12	..	Occlusion of lachrymal duct. ....	..	1	1	..	1	..	..	..	..	..	17	17
			EAR												
13	13	..	Abscess, cervical. ....	..	1	1	..	..	..	..	..	..	1	9	9
85	21	..	" of external auditory meatus .....	..	1	..	1	1	..	..	..	..	..	10	10
42	42	..	Adenoids .....	..	6	..	6	6	..	..	..	..	..	131	22
10	10	..	Foreign body in auditory meatus .....	..	1	1	..	1	..	..	..	..	..	8	8
42	20	..	Furunculosis .....	..	1	1	..	1	..	..	..	..	..	3	3
60	30	..	Impacted cerumen .....	..	1	..	1	1	..	..	..	..	..	3	3
			Mastoiditis, acute	1	12	10	2	12	1	..	..	..	..	217	19
			Otitis media, acute suppurative	1	12	5	7	13	..	..	..	..	..	217	17
			" " chronic catarrhal. ....	..	4	2	2	2	1	1	..	..	..	157	39
57	14	..	" " chronic suppurative .....	..	1	..	1	1	..	..	..	..	..	41	41
50	25	..	" " and mastoiditis. ....	..	3	2	1	1	2	..	..	..	..	55	18
			Sclerosing deafness .....	..	1	1	..	1	..	..	..	..	..	11	11
			Suppurating polypus of external auditory meatus. ....	..	1	1	..	..	..	..	..	1	..	39	39
			Total....	14	241	151	90	157	58	18	4	..	18	5937	..

Patients remaining January 1st, 1899 14
 Admitted during 1899..... 241

Total treated 255
 Patients discharged, cured..... 157
 " " improved..... 58
 " " not improved..... 18
 " " not treated..... 4
 " remaining December 31st, 1899..... 18

Total..... 255
 Average number of days in hospital per patient..... 23.4

88 REPORT OF NOSE AND THROAT DEPARTMENT.

Remaining 1st January, 1899	1	
Admitted during 1899.....	60	
		--- 61
Discharged, cured.....	46	
" improved.....	5	
" unimproved.....	4	
Not treated.....	4	
Died.....	1	
Remaining	1	
		--- 61
Average number of days in hospital per patient	10.2	

OPERATIONS, NOSE AND THROAT DEPARTMENT,

For the Year ending 31st December, 1899.

NOSE.			
Asche's operation for deviated septum...	2	Trephining and curetting frontal sinus...	2
Cauterizing nose.....	12	NASO-PHARYNX.	
Excision of nasal spine.....	1	Excision of tonsils.....	7
Removal of foreign body from nose.....	2	" " and removal of aden-	
Removal of nasal myxoma.....	10	oids.....	38
Rhinitis, hypertrophica (cauterized).....	12	Removal of adenoids.....	23
Separation of synechia of inferior turbinated and septum.....	1	LARYNX AND TRACHEA.	
Trephining and curetting antrum of Highmore.....	9	Removal of pin from larynx.....	1
Trephining and curetting frontal sinus and antrum of Highmore.....	1	Removal of false tooth-plate from larynx.	1
		Tracheotomy.....	1

REPO

Abscess

Blepharitis

Blepharophim

Blepharospas

Chalazion.....

Concretion, m

Cyst

Ectropion

Entropion

Eczema

Hordeolum

Ptosis, conger

Trichiasis.....

Xanthelasma.....

LACR

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Dachryo-cysti

Conjunctivitis

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Burn of conjun

Pinguecula.....

Pterygium

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Cicatrices, Ne

Conical Corne

Episcleritis. ..

Foreign Body

Inflamed Leuc

Keratitis, inte

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REPORT OF OUT-PATIENTS' DEPARTMENT,
FOR DISEASES OF THE EYE AND EAR,
For the Year ending 31st December, 1899.

LIDS.		CORNEA AND SCLEROTIC.—Con.	
Abscess	2	Leucoma adhærens	1
Blepharitis	19	Staphyloma Corneæ.....	1
Blepharophimosis.....	1	Ulcus serpens Corneæ.....	1
Blepharospasm.....	3	Wound of Cornea.....	3
Chalazion.....	7	UVEA.	
Concretion, meibomian.....	1	Choroiditis.....	6
Cyst.....	1	Choroido-retinitis.....	4
Ectropion.....	1	Cyclitis serous.....	2
Entropion.....	2	Iritis.....	9
Eczema.....	3	Irido-cyclitis.....	3
Hordeolum.....	4	Sarcoma of choroid.....	1
Ptosis, congenital.....	1	OPTIC NERVE AND RETINA.	
Trichiasis.....	2	Amblyopia, congenital.....	3
Xanthelasma.....	2	Amaurosis, uræmic.....	1
LACHRYMAL APPARATUS.		Detachment of retina.....	4
Lachrymal Obstruction.....	9	Optic atrophy.....	7
Dachryo-cystitis.....	10	" neuritis.....	1
CONJUNCTIVA.		Retinitis, albuminurica.....	1
Conjunctivitis, acute catarrhal.....	7	" pigmentosa.....	2
" chronic catarrhal.....	20	" syphilitica.....	1
" phlyctenular.....	21	Retrobulbar neuritis.....	6
" trachomatosa.....	12	LENS.	
" neonatorum.....	2	Aphakia (post-operative).....	5
Burn of conjunctiva.....	3	Cataracta, secundaria.....	3
Pinguecula.....	2	" senilis.....	13
Pterygium.....	2	" traumatica.....	6
CORNEA AND SCLEROTIC.		VITREOUS.	
Cicatrices, Nebulæ, etc.....	12	Muscæ.....	1
Conical Cornea.....	1	Synchysis simplex.....	1
Episcleritis.....	2	GLOBE AND ORBIT.	
Foreign Body in cornea.....	5	Atrophia Bulbi.....	4
Inflamed Leucoma.....	2	Contusio Bulbi.....	6
Keratitis, interstitialis.....	3	Foreign Body in globe.....	3
" dendritica.....	1	Glaucoma, absolute.....	3
" phlyctenularis.....	18	" chronic.....	2
" suppurativa.....	15	" " (Buphthalmos).....	1
" traumatica.....	3	Tumor of Orbit.....	1
" " with lead deposit...	1		
" vesiculosa.....	1		

OCULAR MUSCLES.		EAR.	
Strabismus, convergens	27	Abscess of ear	1
" divergens	3	Chondritis	1
Nystagmus	2	Cyst	1
Exophoria	6	Deaf-mutism	5
Esophoria	2	Eczema auditory canal	3
Herperphoria	2	" auricle	1
Hyper-esophoria	1	Impacted Cerumen	14
REFRACTION AND ACCOMMODATION.		Labrynthine Deafness	6
Anisometropia	14	Nerve Deafness	9
Hypermetropia	114	Obstructive Deafness	5
Hypermetropic Astigmatism	30	Otitis media cat. acuta	4
Compound hypermetropic Astigmatism	47	" " " chronica	29
Myopia	28	" " " supp. acuta	4
Myopic Astigmatism	6	" " " chronica	41
Compound myopic Astigmatism	18	" externa circumscripta	4
Mixed Astigmatism	10		

Total number of conditions	763
Cases not belonging to Department, referred, etc.	33
	<hr/> 796
Deduct for two or more entries	115
	<hr/> 681
Actual number of patients	681

REP

Epistaxis ..
Eczema of n
Facial erysip
Foreign bod
Septal spur .
Rhinitis, ac
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Adenoids ..
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Rhino-phary
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Abscess of li
Foreign body

**REPORT OF OUT-PATIENTS' DEPARTMENT,
FOR DISEASES OF THE NOSE AND THROAT.**

For the Year ending 31st December, 1899.

NOSE.		ORO-PHARYNX.—Con.	
Epistaxis	7	Gumma of tongue.....	1
Eczema of nares.....	1	Palate, papilloma of soft.....	1
Facial erysipelas.....	1	" epithelioma of soft.....	1
Foreign body in nose.....	2	Peritonsillitis.....	1
Septal spur.....	4	Pharynx, specific ulcer of.....	8
Rhinitis, acuta.....	2	Pharyngitis, atrophica.....	3
" subacuta.....	2	" chronica.....	9
" atrophica.....	53	" granulosa.....	2
" chronica.....	28	" specifica.....	2
" diphtheritica.....	1	" subacuta.....	1
" hypertrophica.....	25	Post-diphtheritic paralysis of soft palate..	2
" strumosa.....	10	Tonsils, enlarged.....	8
" vaso-motor.....	2	" cyst of.....	1
Septum, deviated.....	8	Tonsillitis, acute, follicular.....	18
" ecchondrosis of.....	2	" subacute.....	2
" necrosis of.....	1	Thyroid, hypertrophied (cystic).....	3
" perforation of (non-specific)....	5	Uvula, elongated.....	1
" synechia with middle turbinated	1	Uvulitis.....	1
of.....	1		
		LARYNX.	
NASO-PHARYNX.		Aphonia, functional.....	2
Adenoids.....	39	Arytenoids, perichondritis of.....	3
" and hypertrophied tonsils.....	37	Epiglottitis, want of elevation of.....	1
Epistaxis and adenoids.....	1	Foreign body in larynx.....	2
Empyæma of antrum of Highmore.....	5	" " in bronchus.....	1
" ethmoid.....	1	Herpes laryngii.....	1
" frontal sinus.....	1	Laryngitis, acuta.....	2
Rhinitis, hypertrophic and adenoids.....	1	" subacuta.....	6
Rhino-pharyngitis, atrophica.....	21	" chronica.....	2
" chronica.....	15	" tuberculosa.....	20
" sicca.....	2	Larynx, sarcoma of.....	1
Rhino-pharyng. laryngitis, atroph.....	2	Nuclear paralysis.....	2
" " chr.....	1	Paralysis of vocal cords.....	4
		Paresis of " ".....	1
ORO-PHARYNX.		Pulmonary tuberculosis.....	1
Abscess of lip.....	1	Stammering.....	1
Foreign body in cesophagus.....	1	Trachæal ozena.....	1

Referred elsewhere..... 5

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REPORT OF THE PATHOLOGICAL DEPARTMENT,

For the Year ending December 31st, 1899.

COMPILED BY ALBERT G. NICHOLLS, M.A., M.D., ASSISTANT PATHOLOGIST.

During the year seventy-eight post-mortem examinations were made. In many of these the head was not touched, but otherwise in the vast majority of the cases a complete study was made.

Bacteriological examinations, conducted by Dr. H. B. Yates, were made in all cases in which the autopsy was held within fifteen hours of death.

Many of the cases were of considerable interest, and those of Diseases of the Nervous System have been very fully studied by Dr. D. A. Shirres, Clinical Assistant in Neurology.

CASE I.—MALE. AGED 81. *Left Lobar Pneumonia*; left sero-fibrinous pleurisy; chronic ulceration of left leg; general marasmus; slight myo-degeneration of heart; acute bronchitis; acute gastritis and duodenitis; cloudy organs; myomatous hypertrophy of the prostate; generalised senile atrophy of organs; old omental adhesions; right old pleural adhesions; patent foramen ovale; milk spot on heart. Cultures from spleen, kidney, liver, bile, sterile; pericardium, sarcina alba.

2.—FEMALE, 35. *Perithelial Angiosarcoma of the Pituitary Body*; pressure atrophy of the sphenoid; atrophy of the optic nerves; acute congestion of the organs; chronic interstitial nephritis; slight acute interstitial hepatitis; hypoplasia of genitalia; fragmentation of heart fibres. Cultures sterile.

3.—MALE, 57. *Intestinal Obstruction* (subsequent to operation for inguinal hernia); recent omental adhesions; pseudo-membranous inflammation of constricted bowel; bilateral broncho-pneumonia; slight acute parenchymatous nephritis; slight fibrosis of the heart; fatty degeneration of the liver; self-digestion of the pancreas; local old peritonitis; bilateral old pleural adhesions. Agar cultures from liver, bile and spleen, sterile. From kidney and pneumonic lung, *B. coli*.

4.—MALE, 80. *General Arteriosclerosis*; hypertrophy of the right ventricle; slight hypertrophy of the left; atheroma of the aorta; bilateral emphysema and chronic bronchitis; sub-acute gastritis and enteritis; senile kidneys; brown atrophy of heart and liver; myomatous hypertrophy of the prostate;

self-digestion of the pancreas ; reducible right inguinal hernia ; bilateral old pleural adhesions ; local healed peritonitis ; patent foramen ovale. Agar cultures from pericardium, heart, liver, bile and urine, sterile ; kidney and spleen gave *B. coli*.

- 5.—FEMALE, 21. *Typhoid Fever* ; typhoid ulceration of ileum and ascending colon ; intestinal hæmorrhage ; acute parenchymatous degeneration of the kidneys ; cloudy organs ; acute bronchitis ; acute splenic tumour. Urine gave pure growth of *B. coli*.
- 6.—INFANT, 2 days. Inanition.
- 7.—FEMALE, 40. *Chronic Interstitial Nephritis* ; slight hypertrophy of the left ventricle ; acute glossitis, pharyngitis and cervical cellulitis ; slight acute duodenitis and catarrhal enteritis ; acute bronchitis ; hypostatic congestion of the lungs ; slight acute interstitial hepatitis ; cyst in liver ; thrombosis of and phleboliths in vessels of broad ligaments ; chronic metritis ; accessory spleen. Cultures from organs, sterile ; from cervical cellulitis and tongue, *staphylococcus albus* and *aureus*.
- 8.—MALE, 76. *Adenocarcinoma of Prostate* ; secondary in peritoneum, retro-peritoneal tissues and lungs ; acute cystitis ; bilateral acute bronchitis ; left hypostatic pneumonia ; senile atrophy of organs ; brown atrophy of heart ; fatty degeneration of the liver ; anthracotic tubercles in lungs ; bilateral old pleural adhesions ; old splenic adhesions ; abnormal lobation of right lung ; milk spot on heart. Agar cultures from the kidney gave *proteus bacillus*.
- 9.—FEMALE, 4. *Chronic Tuberculous Adenitis of Cervical and Mesenteric Glands* ; tuberculosis of intestines ; operative incisions in neck ; sinus over sternum ; general septicæmia ; dilatation of left ventricle ; purulent bronchitis ; chronic suppurative pelvic cellulitis ; right old pleural adhesions : cloudy organs ; patent foramen ovale.
- 10.—MALE, 20. *Acute Perforative Appendicitis* ; acute septic peritonitis ; free fæcal concretions ; cloudy organs ; acute congestion of kidneys and liver ; obsolescent tuberculosis of right lung. Agar cultures from heart-blood, bile and liver, sterile ; from kidney *B. coli*.
- 11.—FEMALE, 32. *Pernicious Anæmia* ; septicæmia ; acute right serofibrinous pleurisy ; fatty degeneration of heart, liver and kidneys ; hydropericardium ; dilatation of left ventricle ; serofibrinous peritonitis ; chronic œdema of lungs ; congenital enlargement of ascending colon and part of the transverse colon ; left old pleural adhesions ; abnormal course of transverse colon. Agar cultures from peritoneal fluid gave *streptococcus pyogenes* ; from bile *B. coli* ; from kidney *B. coli* and streptococci ; bladder and stomach, *B. coli* ; from spleen and heart-blood, streptococci ; from intestine *B. coli* and undetermined bacilli.

- 12.—FEMALE, 37. *Chronic Tuberculous Peritonitis.* (Operation.) Fæcal fistula; acute enteritis; latent tuberculosis of the right lung; cloudy organs; fatty degeneration of liver; cystic endocervicitis; bilateral old pleural adhesions; operative ablation of left ovary and tube.
- 13.—MALE, 7. *Gliosarcoma of Pons;* flattening of convolutions of brain. (Partial autopsy.)
- 14.—MALE, 50. *Pyopneumothorax;* gangrene of right lung; right empyema; compression of the right lung; purulent bronchitis; chronic fibrosis of lung; acute serofibrinous pericarditis; early acute aortic endocarditis; slight dilatation of right ventricle; acute catarrhal enteritis; cloudy organs; slight fibrosis of the kidney; bilateral old pleural adhesions; abnormal course of transverse colon. Agar culture from spleen gave staph. pyog. albus.
- 15.—FEMALE, 3½. *Right Acute Lobar Pneumonia;* right acute fibrinous pleurisy; compensatory emphysema of left lung; bilateral acute bronchitis; ulceration of epiglottis; acute pharyngitis; acute enteritis; cloudy organs; fatty degeneration of liver; latent caseous tuberculosis of the right lung; patent foramen ovale.
- 16.—MALE, 30. *Primary Contracted Kidney.* (Lead.) Hypertrophy and dilatation of the left ventricle; acute serofibrinous pericarditis; bilateral serofibrinous pleurisy; cloudy organs; old splenic adhesions; œdema of lungs; double neurorretinitis and optic atrophy.
- 17.—FEMALE, 18. *Chronic Interstitial Nephritis;* hypertrophy and dilatation of the left ventricle; bilateral acute broncho-pneumonia; sub-acute gastritis and enteritis; hyperplasia of the mesenteric glands; slight mitral stenosis; right old pleural adhesions. Agar cultures from kidney, spleen, liver, bile, and mesenteric glands, sterile; from peritoneal cavity staphylococcus pyog. albus; urine, *B. coli.*
- 18.—FEMALE, 2½. *Right Ulcerative Pulmonary Tuberculosis;* right empyema; valvular communication with a bronchus; left tuberculous broncho-pneumonia; tuberculous ulceration of intestines; caseation of mesenteric glands; cloudy organs; congestion of liver and spleen.
- 19.—MALE, 49. *Acute Septic Peritonitis.* (Operative ablation of appendix.) Intestinal obstruction; acute gangrenous ileitis; right early pneumonia; early chronic interstitial nephritis; cloudy organs; Meckel's diverticulum. Agar cultures from kidney, liver, and spleen, sterile.
20. FEMALE, 69. *Left Lobar Pneumonia;* left fibrinous pleurisy; acute bronchitis; bilateral emphysema; atheroma of aorta, aortic valves, and larger vessels; chronic interstitial nephritis; congestion of liver and spleen; senile atresia of the vagina; cysts in broad ligament; atrophy of ovaries; senile atrophy of the brain. Agar cultures from liver, spleen, and bladder, sterile; from pericardium, staph. py. aureus; serum cultures from lung gave diplococcus lanceolatus.

21.—F

22.—F

23.—F

24.—M

25.—M

26.—F

27.—F

28.—IN

29.—FE

- 21.—FEMALE, 25. *Bilateral Chronic Ulcerative Pulmonary Tuberculosis*; bilateral pleural adhesions; acute mitral and aortic endocarditis; tuberculosis of lymphatic glands; fatty degeneration of liver. Agar cultures from pericardium; spleen, kidney, lung, liver, bile, and urine, sterile.
- 22.—FEMALE, 64. *Bilateral Chronic Bronchitis and Emphysema*; arterial sclerosis; atheroma of aorta and aortic valves; early chronic interstitial nephritis; brown atrophy of heart; fatty liver; bilateral reducible hernia; local old peritonitis; multiple diverticula of jejunum; cyst of broad ligament; senile atrophy of uterus and ovaries; bilateral old pleural adhesions. Broth cultures from bile, spleen, and bladder, sterile.
- 23.—FEMALE, 9. *Acute Basal Leptomeningitis*; bilateral acute bronchitis; cloudy swelling of organs; hyperplasia of solitary follicles of large intestine; self-digestion of the pancreas; hæmatomata on mitral valve; accessory suprarenal. Serum cultures from heart, liver, spleen, pericardium, and kidney, sterile; from base of brain *B. coli* and a diplococcus positive to Gram; from nasal secretion, *staph. albus* and *aureus*, and a diplococcus positive to Gram.
- 24.—MALE, 55. *Adenocarcinoma of Larynx*. (Operation: tracheotomy); cancerous ulceration; bilateral partial atelectasis; bilateral acute bronchitis; secondary carcinoma of liver; bilateral old pleural adhesions. Agar cultures from spleen, liver, and bile, sterile; from kidney, *staphylococcus albus* and *aureus*.
- 25.—MALE, 35. *Cor Bovinum*; mitral stenosis and regurgitation; aortic regurgitation; atheroma of aorta; general anasarca; multiple infarcts of lungs; ascites; passive congestion of organs; brown induration of lungs; left obsolescent pyonephrosis; compensatory hypertrophy of right kidney; ankylosis of elbow-joint; bilateral old pleural adhesions.
- 26.—FEMALE, 59. *Thrombosis of Cerebral Vessels*; areas of softening in the left motor and temporal areas; hæmorrhage into left internal capsule; atheroma of cerebral vessels; old operation wound. (Partial autopsy.)
- 27.—FEMALE, 30. *Embolism of Left Middle Cerebral Artery*; chronic mitral and aortic endocarditis; acute mitral endocarditis; acute ulcerative aortic endocarditis; multiple infarction of lungs, spleen, left kidney, and mesenteric vessels; multiple necroses in intestine; fibrosis of suprarenals; subinvolution of uterus; recent delivery; thrombosis of veins of the broad ligaments; cholelithiasis; abnormal course of right coronary artery; abnormal course of the transverse colon; milk spot on heart. Agar cultures from blood and bile, sterile; from vegetations of mitral valve, *staphylococcus albus*.
- 28.—INFANT, 3 hours. Atelectasis; inanition; enlarged thymus.
- 29.—FEMALE, 24. *Acute Suppurative Perimetritis*; bilateral acute salpingitis and oöphoritis; abscess of uterus; acute septic peritonitis; operative ablation of appendix; acute ileitis; cloudy organs; old adhesive peritonitis; bilateral old pleural adhesions; patent foramen ovale. Agar cultures from peritoneum, *streptococcus pyogenes*; from the urine *B. coli*; from spleen sterile; lactose broth culture from bile, sterile.

- 30.—FEMALE, 15½. *Catalepsy* (?reflex); old adhesions of dura to calvarium; accessory cervical ribs; slight acute colitis; acute congestion of organs; enlargement of mesenteric glands; accessory suprarenals; follicular cyst of ovary. Agar cultures from spleen, blood, and bile, sterile; from liver *B. pyocyaneus*.
- 31.—MALE, 19. *Acute Perforative Appendicitis* (operation); acute septic peritonitis; enlargement of the mesenteric glands; cloudy organs; congestion of spleen, liver and heart; acute parenchymatous nephritis; acute interstitial hepatitis; post-mortem erosion of stomach; commencing decomposition; left old pleural adhesions.
- 32.—FEMALE, 53. *Cholelithiasis* (operation); local adhesive peritonitis; empyema of gall-bladder; dilatation of bile passages; cloudy organs; sub-acute parenchymatous nephritis; parotitis; fatty degeneration of liver; obsolescent tuberculosis of right lung; nodose atheroma of the Circle of Willis; follicular cyst of right ovary; right old pleural adhesions; accessory spleen. Agar cultures from spleen, kidney, and bile gave *B. coli*.
- 33.—MALE, 23. *Bilateral Chronic Ulcerative Pulmonary Tuberculosis*; tuberculous ulceration of epiglottis, larynx, trachea, and small intestine; acute bronchitis; congestion of spleen; acute mixed nephritis; necrosis of liver parenchyma; cloudy organs; bilateral pleural adhesions; accessory spleen.
- 34.—FEMALE, 25. *Acute Suppurative Salpingitis and Oophoritis*; acute septic peritonitis (operation); operative ablation of appendix; left pleural empyema; acute serofibrinous pericarditis; acute parenchymatous nephritis; congestion and œdema of lungs; cloudy organs; enlargement of mesenteric glands; colloid struma of thyroid; acute pharyngitis; acute vaginitis; latent tuberculosis of left lung; left old pleural adhesions; Liebermeister's grooves. Agar growths from pleural fluid gave *bacillus pyocyaneus*.
- 35.—MALE, 33. *Bilateral Chronic Tuberculous Broncho-pneumonia*; miliary tuberculosis of lungs and kidneys; caseous tuberculosis of liver and retrosternal glands; necrosis of sternum and ribs; sinus-formation; hæmorrhagic erosion of stomach; amyloid disease of liver and spleen; lime infarcts in kidney.
- 36.—MALE, 38. *Left Empyema*; compression of left lung; acute perforative appendicitis; (operation for both conditions); local purulent peritonitis; acute serofibrinous pericarditis; parenchymatous degeneration of kidneys; cloudy organs; fatty infiltration of liver; bilateral pleural adhesions; Liebermeister's grooves.
- 37.—MALE, 65. *Myodegeneration of Heart*; general arterio-sclerosis; atheroma of aorta; cor bovinum; multiple infarcts of lungs; chronic œdema of lungs; chronic bronchitis; left hypostatic pneumonia; bilateral sero-fibrinous pleurisy; arterio-sclerotic kidneys; passive congestion of organs; cyanotic induration of liver; dilatation of appendix; healed local peritonitis; cholelithiasis; fibrosis of gall-bladder. Agar cultures from kidney and liver gave *staphylococcus py. albus*; from bile *B. coli*.

38.—M

39.—M

40.—F

41.—F

42.—M

43.—M

44.—F

45.—M

46.—M

- 38.—MALE, 56. *Acute Myelitis*; paralytic distension of small intestines; acute diphtheritis of colon; local plastic peritonitis; recent adhesions of great omentum; cloudy organs; hæmorrhage into spleen; atheromatous ulcer of aortic valves; milk spot on heart; bilateral double pelves and ureters in kidneys, with accessory renal arteries. Agar cultures from spleen, pericardium, liver, and subdural space, sterile.
- 39.—MALE, 67. *Hæmorrhage into Right External Capsule*; bilateral emphysema and chronic bronchitis; hypertrophy of right ventricle; atheromatous ulceration of aortic valve; atheroma of aorta; arterio-sclerosis; hydropericardium; congested organs; cholelithiasis; abnormal course of transverse colon; Liebermeister's grooves. Agar cultures from heart-blood, liver, and spleen, sterile.
- 40.—FEMALE, 64. *Intestinal Obstruction*; (operation, hysterectomy for myoma); chronic bronchitis and emphysema; cor bovinum; right nephrolithiasis; bilateral pyelonephritis; early portal cirrhosis; retroperitoneal hæmatoma; left old pleural adhesions. Agar cultures from kidney gave *B. coli*.
- 41.—FEMALE, 52. *Uterine Fibroid* (operation: hysterectomy); infection of wound; slight acute enteritis; slight acute parenchymatous nephritis; fatty infiltration of liver; congestion of spleen; early pelvic cellulitis; recent omental adhesions; local healed peritonitis; right old pleural adhesions. Agar cultures from spleen, sterile; from peritoneal cavity staphylococcus; from liver staph. p. albus.
- 42.—MALE, 46. *Myomalacia Cordis*; advanced atheroma of coronary vessels; acute hæmorrhagic pericarditis; dilatation of heart; atheroma of aorta; congested organs; varicose veins; left old pleural adhesions. Agar cultures from liver, spleen, and bile, sterile.
- 43.—MALE, 12. (Partial autopsy.) *Suppurative Otitis Media*. (Operation: trephining mastoid cells.) Acute basal meningitis. Agar cultures from the base of the brain gave staph. p. albus.
- 44.—FEMALE, 40. *Acute Suppurative Salpingitis and Oophoritis*. (Operation: removal of appendages.) Infection of wound; acute simple peritonitis; fæcal fistula; vaginal fistula; right pyelonephritis; bilateral ascending mixed nephritis; abscesses of uterus; congestion of organs; self-digestion of pancreas; bilateral old pleural adhesions; patent foramen ovale.
- 45.—MALE, 1. *Acute Gastroenteritis*; rachitis; enlargement of mesenteric glands; congestion of organs; patent foramen ovale. Agar cultures from spleen, liver, kidney, bladder, bile, mesenteric glands, sterile; from lumen of intestine, staph. p. albus.
- 46.—MALE, 60. *Left Ulcerative Pulmonary Tuberculosis*; right caseous pneumonia; left hæmorrhagic pleurisy; tuberculous enteritis; sub-acute gastritis; miliary tuberculosis of liver and spleen; slight acute parenchymatous nephritis; slight myodegeneration of heart; atheroma of aorta; bilateral old pleural adhesions. Agar cultures from spleen, bile, and urine, sterile; from liver, *B. coli*.

- 47.—MALE, 68. *Myelogenous Leukæmia*; raspberry-jelly appearance of bone marrow; slight enlargement of retroperitoneal glands; small spleen; right hypostatic pneumonia; infarct of lung; right serofibrinous pleurisy; acute bronchitis; dilatation of left ventricle; hyperplasia of Peyer's patches; slight acute parenchymatous nephritis; congestion of spleen; cyst in left testicle; left old pleural adhesions; local healed peritonitis; abnormal lobation of right lung; abnormal course of transverse colon; patent foramen ovale; Liebermeister's grooves in liver.
- 48.—FEMALE, 32. *Chronic Tuberculous Peritonitis*. (Operation.) Miliary tuberculosis of lungs, spleen, and kidneys; latent caseous tuberculosis of right lung; right acute broncho-pneumonia; left hæmorrhagic pleurisy; catarrhal obstructive jaundice; thrombosis of left middle meningeal artery; hypoplasia of aorta; patent foramen ovale. Agar cultures from spleen gave *B. coli* and a putrefactive bacillus.
- 49.—MALE, 24. *Typhoid Fever*; typhoidal ulceration of small and large intestines; intestinal hæmorrhage; perforation of intestine with local adhesion of great omentum; hyperplasia of mesenteric and retroperitoneal glands; acute splenic tumour; cor bovinum; mitral regurgitation; acute tricuspid endocarditis; acute parenchymatous degeneration of kidneys; congested spleen; focal necroses in liver; strangulated appendix epiploica. Agar cultures from heart-blood, kidney, liver, and pericardial fluid, sterile; from bile and spleen *B. typhi abdominalis*.
- 50.—MALE, —. *Aneurysm of Ascending and Transverse Portions of the Arch of Aorta*; rupture into œsophagus; atheroma of aorta; hydropericardium; healed adhesive pericarditis; blood-stained fæces in rectum; bilateral broncho-pneumonia; cloudy kidneys; embolic areas of inflammation in suprarenals; self-digestion of pancreas; slight hydrocele of tunicæ vaginales; old local peritonitis; patent foramen ovale; two accessory spleens; amyloid bodies in lungs. Agar cultures from heart-blood, liver, spleen, pericardial fluid, and gall-bladder, sterile.
- 51.—FEMALE, 20. (Partial autopsy.) *Glio-Sarcoma of Brain*; tumour of right frontal lobe; congestion of dura mater; pressure upon pituitary body.
- 52.—MALE, 24. *Glio-Sarcoma of Cerebellum*; flattening of convolutions; pressure upon the left 6th, 7th, 9th, and 10th cranial nerves; active congestion of all organs. Agar cultures from heart-blood, liver, spleen, kidney, gall-bladder, and urine, sterile.
- 53.—FEMALE, 33. *General Arterio-Sclerosis*; myodegeneration of heart; cor bovinum; chronic interstitial pneumonia; arterio-sclerotic kidneys; congestion of spleen; abscess of left lung; œdema of lungs; obsolescent adhesive pericarditis; abnormal course of transverse colon; accessory spleen; accessory suprarenal; patent foramen ovale; double right coronary.

54.—M

55.—M

56.—F

57.—F

58.—F

59.—F

60.—M

- 54.—MALE, 40. *Right Acute Lobar Pneumonia*; acute fibrinous pleurisy; compensatory emphysema of left lung; dilatation of right ventricle of heart; organs cloudy and congested. Cultures from kidney, liver, spleen, lungs, and urine, sterile.
- 55.—MALE, 40. *Mitral Stenosis and Regurgitation*; aortic stenosis and regurgitation; relative insufficiency of tricuspid valve; cor bovinum; acute serofibrinous pericarditis; right hydrothorax; right plastic pleurisy; ascites; simple plastic peritonitis; hæmorrhagic erosions of intestines; melæna; acute diphtheritis of ileum; nutmeg liver; slight cirrhosis of liver; arterio-sclerotic kidneys; left hypostatic pneumonia; fatty degeneration of heart; local œdema; accessory suprarenal; persistent thymus; patent foramen ovale. Cultures on agar from heart-blood, pericardial fluid, kidney, and bile, sterile.
- 56.—FEMALE, 43. *Left Suppurative Salpingitis and Oophoritis*. (Operation.) Acute septic peritonitis; (old operative ablation of right appendages); bilateral pulmonary emphysema; infarct of left lung; multiple small fibroids of uterus; cloudy organs; slight chronic glomerulitis; abdominal hernia.
- 57.—FEMALE, 74. *Bilateral Acute Lobar Pneumonia*; myodegeneration of heart; brown atrophy of heart and liver; atheroma of aorta; senile atrophy of organs; porencephaly; degeneration in pons, medulla, and cord; accessory thyroid; right old pleural adhesions; abnormal course of transverse colon. Cultures from liver and heart-blood, sterile.
- 58.—FEMALE, 50. *Bilateral Acute Broncho-Pneumonia*; left plastic pleurisy; acute bronchitis; slight myodegeneration of heart; senile interstitial nephritis; congested spleen; enteroptosis; accessory thyroids; accessory suprarenal; right old pleural adhesions; abnormal lobation of left lung; senile atrophy of uterus and ovaries; varicosity of veins of left broad ligament; varicose veins of legs. Agar cultures from spleen, liver, left kidney, lung, heart-blood, and pericardial fluid, sterile.
- 59.—FEMALE, 8. *Diabetes*; bilateral chronic ulcerative pulmonary tuberculosis; tuberculous lymphadenitis; tuberculous enteritis; fatty liver; cloudy organs; bilateral old pleural adhesions; abnormal lobation of right lung; partial persistence of thyroglossal duct. Cultures from spleen, pericardial fluid, pancreas, sterile; from liver, staphylococci.
- 60.—MALE, 19. *Acute Perforative Appendicitis*. (Operation.) Acute septic peritonitis; retroperitoneal abscess; multiple small infarcts in lungs; cloudy organs; congenital absence of left kidney and ureter; patent foramen ovale; accessory spleen; bilateral old pleural adhesions; old amputation of fingers. Cultures from heart-blood, liver, bile, spleen, and kidney, sterile; from peritoneal cavity, staphylococcus aureus.

- 61.—FEMALE, 45. *Chronic Tuberculous Enteritis*; inflammatory stenosis of ileum; caseation of mesenteric glands; acute purulent peritonitis; operative ablation of appendix; acute parenchymatous nephritis; latent tuberculosis of lungs; cloudy and congested organs; left old plural adhesions. Culture from omentum gave a bacillus allied to *B. coli*.
- 62.—MALE, 11. *Lieno-Medullary Leukæmia*; enlargement of spleen, liver, and lymphatic glands; infarction of spleen; dilatation of the heart; obsolescent tuberculosis of lungs and lymphatic glands; leukæmic infiltration of organs; eosinophilia.
- 63.—MALE, 23. *Bilateral Acute Lobar Pneumonia*; bronchiectasis; acute bronchitis; right serofibrinous pleurisy; hyperplasia of mesenteric glands; fatty infiltration of liver; focal necroses in liver; acute splenic tumour; cloudy organs; self-digestion of pancreas; obsolescent adhesive pericarditis.
- 64.—FEMALE, 64. *Fibroma of Dura Mater*; general arterio-sclerosis; atheroma of coronaries and aorta; bilateral emphysema of lungs; calcification of cartilages; chronic myodegeneration of heart; multiple aneurysms of splenic artery; arterio-sclerotic kidney; senile atrophy of organs; cholelithiasis; acute interstitial hepatitis; self-digestion of the pancreas; broncholith; accessory lobe to thyroid; anthracotic tubercles in lungs; bilateral old pleural adhesions; Liebermeister's grooves; obsolescent perisplenitis. Cultures from heart-blood and spleen, sterile; from the bile *B. coli* and staphylococci.
- 65.—FEMALE, 18. *Right Tuberculous Pyopneumothorax*; bilateral chronic ulcerative pulmonary tuberculosis; slight pericardial effusion; acute colitis; congestion of liver; bilateral recent pleural adhesions; tuberculous laryngitis. Cultures from heart-blood, pericardial fluid, pleural fluid, bile, liver, spleen, and thyroid, sterile.
- 66.—MALE, 53. *Obstructive Jaundice*. (Operation: cholecyst-duodenostomy.) Hæmorrhage; local recent adhesive peritonitis; hæmoperitoneum; mæna; hypertrophy and dilatation of bile-passages; bile-sand in gall-bladder; biliary cirrhosis; fibrosis of pancreas.
- 67.—MALE, 56. *Myodegeneration of Heart*; cor bovinum; atheroma of coronary vessels and aortic valves; parietal thrombus in left ventricle; general arterio-sclerosis; arterio-sclerotic kidneys; right hydrothorax; compression of right lung; hydropericardium; infarction of kidneys and right lung; chronic bronchitis; passive congestion of stomach and intestines; anasarca; moderate portal cirrhosis of liver; parenchymatous degeneration of kidney; self-digestion of pancreas; lipoma on forehead; left old pleural adhesions; patent foramen ovale; accessory suprarenal. Cultures from heart-blood, myocardium, and spleen, sterile.

- 68.—FEMALE, 21. *Typhoid Fever*; typhoidal ulceration of intestines; hyperplasia of mesenteric glands; acute splenic tumour; right lobar pneumonia; acute bronchitis; fatty degeneration of heart; cloudy organs; cholelithiasis; focal necroses in liver; catarrhal endometritis; obsolescent tuberculosis of lungs; right old pleural adhesions; self-digestion of pancreas. Cultures from bile gave *B. typhi*; from lung, staphylococcus aureus; from liver, sterile.
- 69.—MALE, 22. *Chronic Septico-Pyæmia*; abscesses in lungs, spleen, and abdominal cavity; septic thrombosis of splenic vein; suppurative arthritis and periostitis; acute gastro-enteritis; amyloid disease of kidneys, suprarenal, spleen, and liver; subacute parenchymatous nephritis; self-digestion of pancreas; bilateral old pleural adhesions; subacute perisplenitis; patent foramen ovale. Cultures from spleen, lung, and knee-joint, sterile.
- 70.—MALE, 61. *Chronic Indurative Pneumonia*; chronic bronchitis and emphysema; hypertrophy of right ventricle; atheroma of aorta; slight acute simple peritonitis; ascites; acute catarrhal enteritis; chronic perisplenitis; congested organs; pigmentation of liver; amyloid concretions of prostate; fibrosis of left epididymis; bilateral old pleural adhesions; patent foramen ovale; Liebermeister's grooves of liver. Cultures from heart-blood, pericardial fluid, spleen, and liver, sterile.
- 71.—MALE, 34. *Right Chronic Ulcerative Pulmonary Tuberculosis*; fibroid tuberculosis of left lung; hypertrophy of cardiac ventricles; ascites; caseation of mesenteric glands; congestion of organs; slight acute interstitial hepatitis; necroses in liver; sclerosis of smaller arterioles; obsolescent adhesive perisplenitis and perihepatitis; multiple diverticula of transverse colon; partial persistence of thymus gland; branchiogenic cyst of neck; bilateral old pleural adhesions. Cultures from pericardial and ascitic fluid, spleen, and bile, sterile; from liver, streptococci.
- 72.—FEMALE, 37. *Stricture of Rectum with Ulceration*; gangrene of right lung; localised pyopneumothorax; acute bronchitis; recto-vaginal fistula; tubo-rectal fistula; left chronic salpingitis; chronic perimetritis; dilatation of pelvis and atrophy of the right kidney; calcification of mesenteric glands; fatty degeneration of heart and liver; accessory left renal artery; bilateral old pleural adhesions. Cultures from pericardial fluid, sterile; from pleural fluid, mixed growth containing staphylococcus albus.
- 73.—MALE, 45. *Lymphosarcoma*; bilateral hæmorrhagic pleural effusion; collapse of left lung, hæmorrhagic ascites; villous masses of new growth in great omentum and peritoneum; enormous enlargement of spleen; enlargement of liver; pseudo-chylous ascites; enlargement and fusion of mesenteric and retroperitoneal glands; lymphomatous nodules in organs; infarct of spleen; congenital stenosis of ileum; bilateral old pleural adhesions; umbilical hernia. Cultures from spleen, liver, heart-blood, and retroperitoneal glands, sterile; from pericardial and peritoneal fluid, staphylococcus aureus.

- 74.—MALE, 43. *Bilateral Empyema*; partial collapse of left lung; bilateral emphysema; chronic bronchitis and bronchiectasis; acute pericarditis; slight subacute parenchymatous nephritis; cloudy organs; varicose veins of leg; latent tuberculosis of right lung; accessory spleen; congenital abnormality in arrangement of the peritoneum; bilateral old pleural adhesions; concretions in prostate; patent foramen ovale; double right coronary artery. Agar cultures from heart-blood and pericardium, sterile.
- 75.—MALE, 42. *Typhoid Fever*; typhoidal ulceration of the intestines; acute splenic tumour; hyperplasia of mesenteric glands; intestinal hæmorrhage; cloudy organs; calcification of mesenteric glands; self-digestion of pancreas.
- 76.—MALE, 73. *Epithelioma of Tongue*. (Operation: removal of tongue.) Sloughy condition of floor of mouth; slight œdema of larynx; bilateral septic aspiration pneumonia; senile atrophy of organs; atheroma of aorta; varicose veins of œsophagus; obsolescent perisplenitis and perihepatitis; right old pleural adhesions; latent tuberculosis of left lung. Agar cultures from liver, spleen, and urine, sterile; from heart-blood, streptococci; from lung, staphylococcus aureus.
- 77.—MALE, 58. *Adeno-Carcinoma of Stomach*. (Operation.) Secondary growths in heart, lungs, peribronchial glands, liver, pancreas, suprarenals; mesenteric and retroperitoneal glands; subacute parenchymatous nephritis; melæna; dilatation of bile ducts; icterus; brown atrophy of heart; amyloid concretions in prostate; left old pleural adhesions; patent foramen ovale; traumatic ablation of terminal phalanges of right first and second fingers. Cultures from heart-blood, streptococcus pyogenes; from urine, sterile.
- 78.—FEMALE, 43. *Chronic Ulcerative Colitis*; multiple strictures of rectum and sigmoid; intestinal perforation; acute purulent peritonitis; congestion and emphysema of lungs; slight chronic interstitial nephritis; fatty infiltration of liver; lateral flexion of uterus; intramural fibroid; fibroid ovaries. Cultures from spleen, sterile; from liver, B. coli; from peritoneal cavity, streptococci.

Of this number, cases 2, 7, 11, 13, 16, 26, 27, 30, 38, 47, 49, 50, 51, 52, 57, 62, 66, 72, 73, were of more than ordinary interest, either on account of some rare condition or complication, or from a clinical point of view.

In the 78 cases tuberculosis was found.....	24 times.
As the cause of death.....	9 “
As a complication.....	twice.
Latent tuberculosis..	7 times.
Obsolescent tuberculosis.....	6 “

The fatal cases were classified as follows:—

Chronic Ulcerative Pulmonary Tuberculosis.....	6 cases.
Tuberculous Broncho-pneumonia.....	1 case.
Tuberculosis of Serous Membranes.....	1 “
Tuberculous Adenitis.....	1 “

Cholelithiasis was found six times—two males, four females.

The following anomalies or malformations were noted :—

Patent foramen ovale.....	19 times.
Abnormal course of right coronary.....	once.
Hypoplasia of aorta.....	“
Accessory renal arteries.....	twice.
Abnormal lobation of left lung.....	3 times.
" " right lung.....	5 “
Unusual course of transverse colon.....	7 “
Meckel's diverticulum.....	twice.
Inguinal hernia.....	once.
Liebermeister's grooves of liver.....	6 times.
Accessory spleens.....	7 “
Accessory thyroids.....	twice.
Kidney, double pelvis and ureters.....	once.
Partial persistence of thyro-glossal duct.....	twice.
Branchiogenic cyst of neck.....	once.
Accessory cervical ribs.....	“

SURGICAL DEPARTMENT.

During the year 362 specimens were received for examination from the Surgical operating room. The most interesting are noted as follows :—

Adenitis and Peradenitis :—

16 cases in all.

Of these 11 were simple inflammatory.

5 were tuberculous.

The glands affected were :—

Cervical.....	4
Inguinal.....	10
Axillary.....	2

84 APPENDICES were received, classified as follows :—

Acute catarrhal.....	20
Acute necrosing.....	22
Acute perforating.....	24
Sub-acute relapsing.....	1
Chronic relapsing.....	6
Chronic relapsing, with acute exacerbation.....	6
Obliterative.....	5

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CULTURES were made in 67 of these cases, of which 14 proved sterile. The germs found were :—

B. coli.....	47 times.
B. coli and staph. p. albus.....	4 “
B. coli and mixed growth.....	once.
Streptococci.....	“

Bones and Cartilages, Etc. :

Noteworthy specimens were :—

Inflammatory.....	2
Osteomyelitis.....	6
Necrosis.....	4
Sequestra.....	8
Tuberculosis.....	6

Calculi. 15 cases.

Vesical.....	2
Renal.....	5
Hepatic.....	8

Empyema :—

Cultures were made in three cases.

Diplococcus lanceolatus, found.....	once.
Sterile.....	2

Tumours, Neoplasms and Cysts :

79 were received. Classified according to regions, the following forms were noted :—

NOSE AND FACE :

Epithelioma.....	12
Melanotic sarcoma.....	1
Hæmangioma.....	1
Dermoid.....	1
Fibroma.....	1

LIPS :

Epithelioma.....	5
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MOUTH AND TONGUE :

Epithelioma.....	6
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JAWS :

Epithelioma.....	7
Fibroma.....	1
Myoxoma.....	1

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NECK :

Epthelioma	I
Dermoid cyst.....	I
Branchiogenic cyst	I

SKIN :

Fibroma.....	2
Pigmented wart.....	I

THYROID :

Cystadenoma.....	I
Colloid struma.....	I

LYMPHATIC GLANDS :

Lymphadenoma.....	I
Scirrhus carcinoma (secondary).....	I

OMENTUM :

Scirrhus carcinoma.....	I
Carcinoma simplex.....	I

ABDOMINAL PARIETES :

Adeno-carcinoma.....	I
Round celled sarcoma.....	I

BREAST :

Adenoma.....	2
Fibro-adenoma	I
Cyst-adenoma	2
Alveolar sarcoma.....	I
Carcinoma simplex.....	4
Scirrhus Carcinoma	5

COLON AND RECTUM :

Adeno-carcinoma.....	4
Colloid carcinoma.....	I

LIVER :

Carcinoma simplex.....	I
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UTERUS :

Fibroid.....	I
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URETHRA :

Papilloma.....	I
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PENIS :

Epithelioma..... I

BONE :

Fibro-sarcoma..... I

Osteoma..... I

Spina bifida..... 2

One case is specially noteworthy, that of diffuse hypertrophy of the breasts in a young girl, and was recorded by Dr. James Bell in the *Montreal Medical Journal* for October.

EYE AND EAR DEPARTMENT.

The following is an analysis of the material received from the Eye and Ear Department, examined by Dr. W. G. M. Byers, Assistant in Ophthalmology :

1. *Atrophia Bulbi*, following wound of cornea, iris and lens, one case.
2. *Sarcoma of Choroid*, two cases, both females.
3. *Perforated Ulcer of Choroid*, with secondary glaucoma, one case ; followed by panophthalmitis, one case.
4. *Chronic Retino-uveitis*, wound of the cornea, iris and lens ; sub-retinal hæmorrhage and secondary glaucoma from contraction of massive retinal exudate, one case. Wound of cornea, iris and lens, and ciliary staphyloma from secondary glaucoma, one case. Foreign body in vitreous chamber surrounded by bands of fibrous tissue. Traumatic cataract and equatorial staphyloma from secondary glaucoma, one case. (Injury occurred 25 years previously ; no signs of sympathetic irritation ever appeared in the other eye.)
5. *Choroidal Hæmorrhage* after perforation of the globe by a lead shot, one case. Following operation for glaucoma (iridectomy), one case.
6. *Chronic Plastic Exudative Uveitis*, with formation of bone in choroid and exudate, two cases.
7. *Irido-cyclitis*, from wound in the ciliary region with prolapse of iris, etc., one case. Following operation for cataract, one case (not originally patient in R. V. H.) With secondary absolute glaucoma, one case.
8. *Glaucoma*, secondary to dislocated lens, one case ; also two cases papilloma of conjunctiva ; two cases primary carcinoma of lachrymal glands ; fibro-angioma of orbit, one case ; capsular cataracts ; two lenses, etc.

The following communications, based upon work done in the Pathological Laboratory during the year, have appeared :—

PROF. J. G. ADAMI :

Syphilis and the Liver.—*Montreal Med. Journal*, April.

On Latent Infection and Subinfection, and on the Etiology of Hæmochromatosis and Pernicious Anæmia.—*Journal of Amer. Med. Ass.*, Dec. 16-23.

On the Etiology and Symptomatology of Goitre.—*Practitioner*, Jan., 1900.

DR. A. G. NICHOLLS :

On the Etiology of Chronic Bright's Disease.—*Can. Journal of Med. and Surg.*, December.

PROF. BIRKETT and DR. NICHOLLS :

A Case of Carcinoma of the Larynx.—*Montreal Med. Journal*, May.

PROF. ADAMI and DRs. ABBOTT and NICHOLSON :

On the Diplococoid Form of the Colon Bacillus.—*Journal of Experimental Medicine*, Vol. IV., Nos. 3-4.

DR. W. O. ROSE :

Notes on a Fatal Case of Alcoholic Delirium.—*Montreal Med. Journal* January.

DR. E. W. ARCHIBALD :

Report upon 89 cases of Appendicitis.—*Montreal Med. Jour.*, Feb., 1900.

The following specimens were shewn at the Montreal Medico-Chirurgical Society during the year :—

Myodegeneratio Cordis, with Atheroma of Coronaries.

Mitral Stenosis and Aortic Regurgitation, with Adherent Pericardium.

Two specimens of Tuberculosis of Kidneys.

Strangulated Femoral Hernia.

Carcinoma of Larynx.

Multiple Diverticula of Intestine.

Carcinoma of Prostate.

Primary Contracted Kidney.

Thrombosis of Middle Cerebral Artery.

Rules.

RULES RESPECTING THE ADMISSION OF PATIENTS.

Patients residing in the City or Parish of Montreal, and especially those who are in indigent circumstances and wholly or partially unable to provide medical treatment for themselves, may be admitted to the benefits of the Hospital; such as are unable to pay for their maintenance as "free patients," and such as are able to pay as "pay patients," for such consideration as may be arranged with the Superintendent on their admission. Patients from other districts, when it is deemed advisable by the Chairman of the House Committee, may be admitted on similar terms, on the recommendation of a member of the Medical Board.

Patients suffering from severe accidents or serious illness shall be admitted to the Hospital at any hour of the day or night. Other patients shall be admitted at such hours as may from time to time be decided upon. They must apply in person at the Hospital, when they will be examined and passed for admission by the House Physician or Surgeon on duty; or, if unable to apply in person, they shall be visited at their homes by one of the House Physicians or Surgeons.

Any member of the Medical Board may send to the Hospital such patients from the city as he may see fit, with a written order for admission.

No patient shall be admitted to the Hospital whose case shall be considered incurable, or infectious, or who is insane, or whose case does not require the particular benefit of an indoor treatment.

No children under two years of age, except in cases requiring special treatment, shall be admitted into the Hospital.

RULES FOR VISITORS.

Visitors will be admitted to the wards on Sundays from 3 to 4.30 p.m., and Wednesdays and Fridays from 3 to 4 p.m., and at no other time, except by special permission of the Superintendent.

No more than two visitors will be admitted at once to see any patient.

Visitors must observe perfect order and propriety while in the Hospital ; must confine their visits to their immediate friends ; must not stop or loiter in the halls, corridors or offices, or on the stairways, and must leave the building promptly at the end of the visiting hours.

RULES RESPECTING RELIGIOUS MINISTRATIONS.

Clergymen, ministers of religion, and the authorized representatives of religious bodies, shall be admitted to the wards upon terms of equality for the purpose of visiting and extending religious ministrations to the sick inmates of their own creed or denomination, at such times and under such conditions as in the judgment of the Superintendent will not unduly interfere with the medical or surgical treatment and care of the patients ; they are, however, to confine their conversation to persons of their own creed or denomination, and to refrain from addressing or distributing books or pamphlets to other patients, unless by special invitation of the same when conveyed through, or with the sanction of the Superintendent.

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