

Report of the City of Glasgow Fever and Smallpox Hospitals, Belvidere, for the year ending 31st May, 1905 / by John Brownlee.

Contributors

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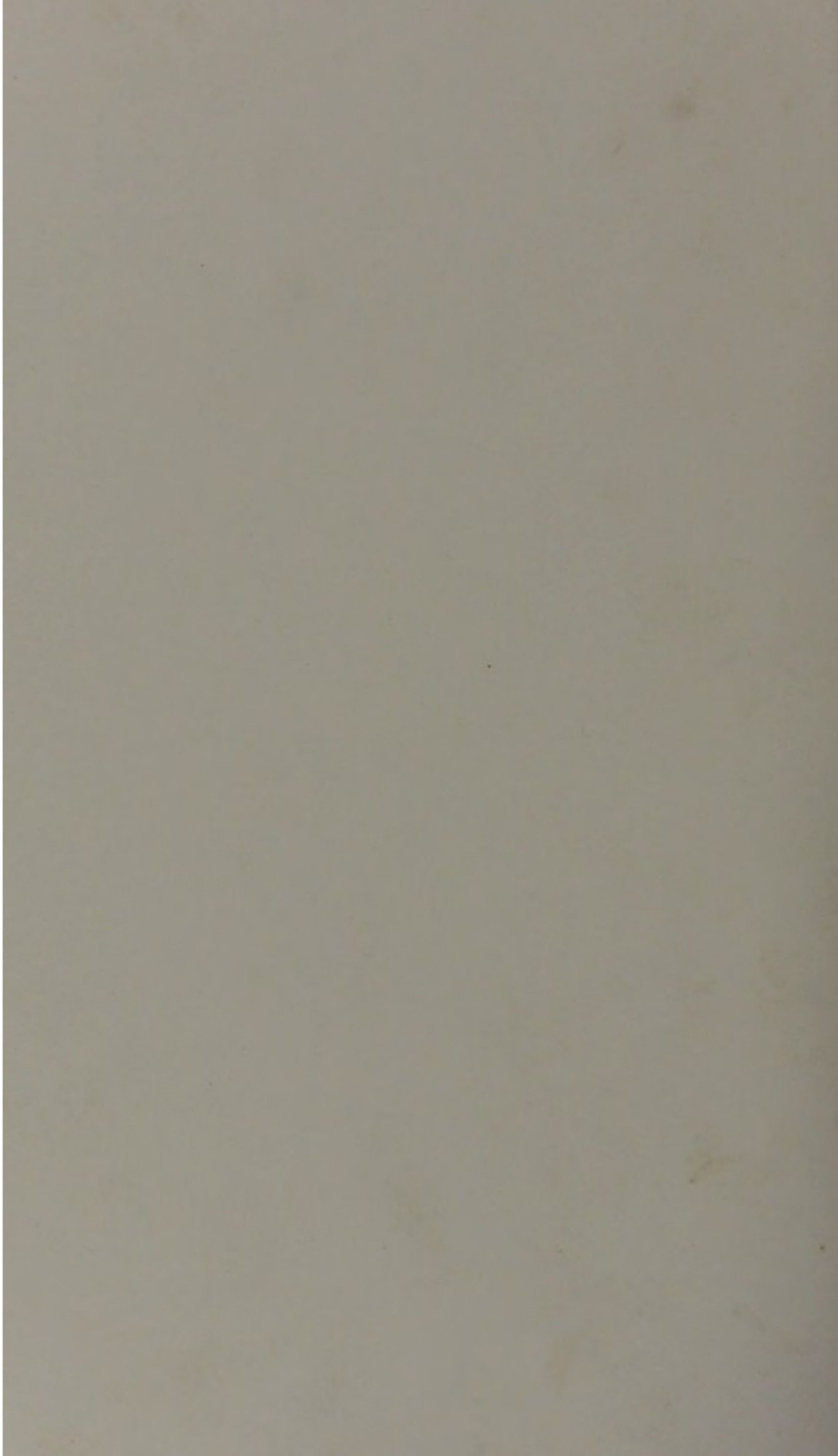
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REPORT

OF THE

CITY OF GLASGOW

FEVER AND SMALLPOX

HOSPITALS, BELVIDERE,

FOR THE

Year ending 31st May, 1905.

BY

JOHN BROWNLEE, M.A., M.D.(Glasg.), D.P.H.(Camb.),

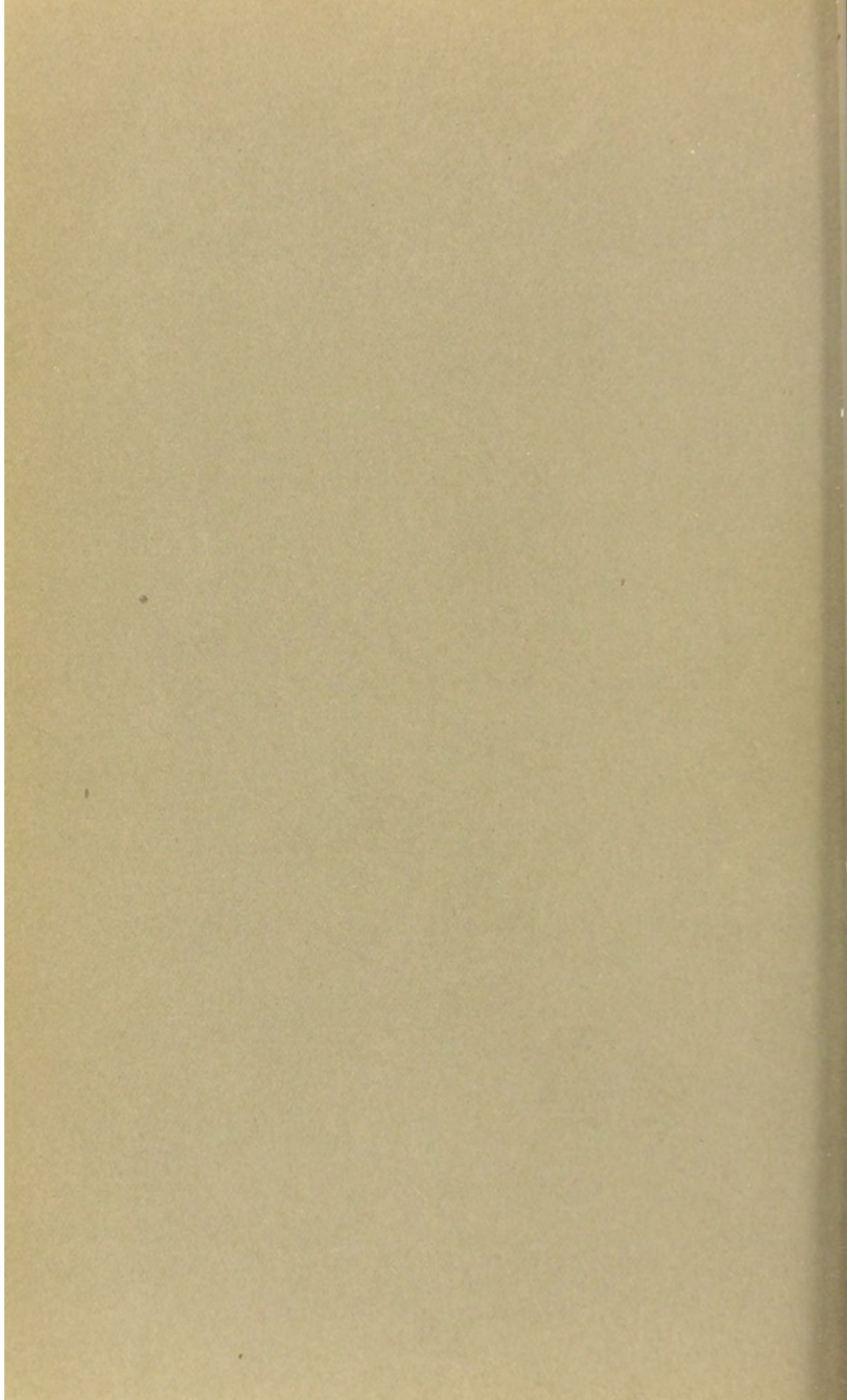
PHYSICIAN-SUPERINTENDENT.

*Submitted to the Committee on Health, 3rd April, 1906,
and ordered to be printed.*

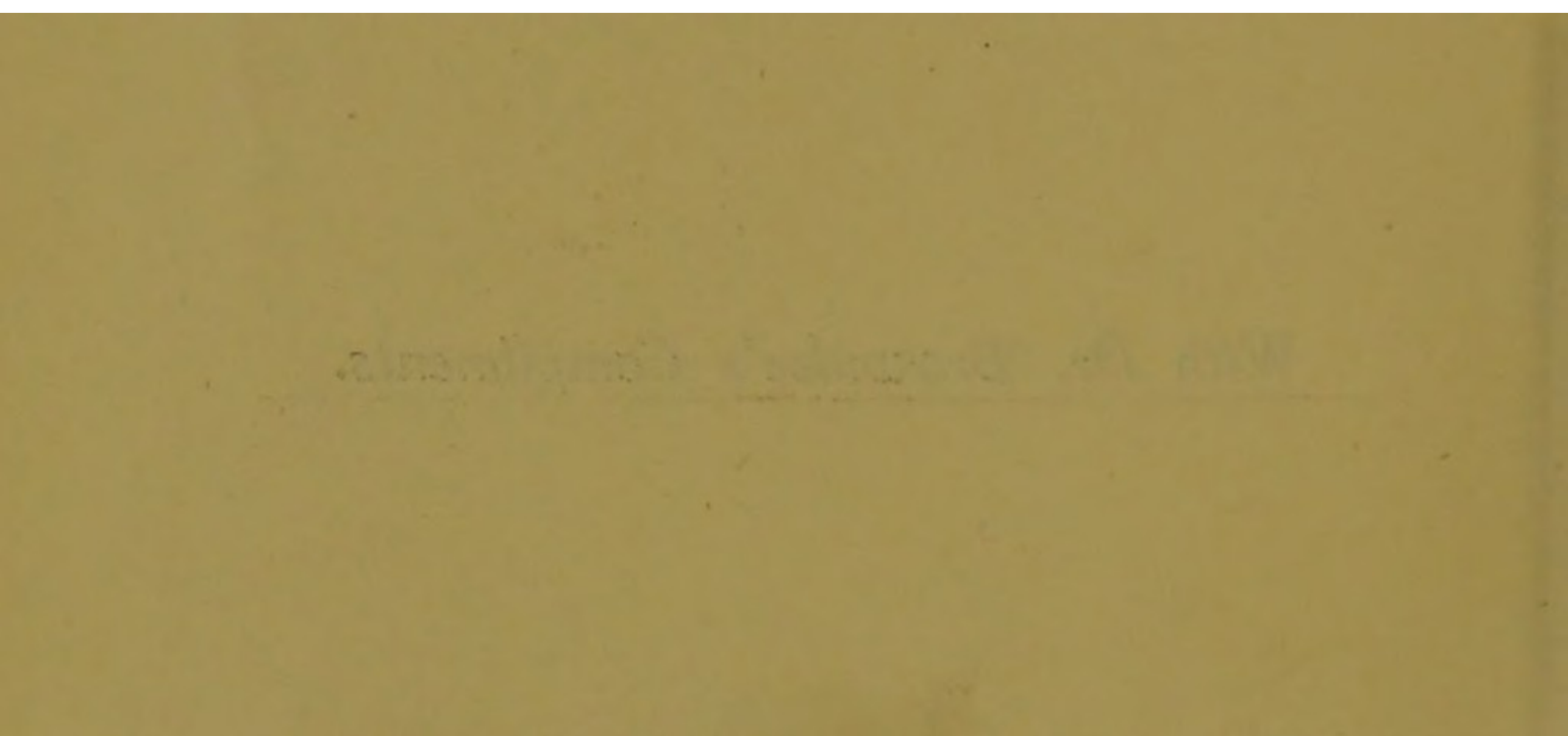
GLASGOW :

PRINTED BY ROBERT ANDERSON, 142 WEST NILE STREET.

1906.



With Dr. Brownlee's Compliments.



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Assistant Physicians (as on 31st May, 1905).

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JOHN ANDERSON, M.B.	E. S. CHAPMAN, M.B.
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Consulting Surgeon.

T. K. DALZIEL, M.B., F.F.P.S.(Glasg.).

Matron—Mrs. SINCLAIR.

House Steward and Clerk of Works—WILLIAM MUIR.

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TO THE CHAIRMAN AND MEMBERS
OF THE HEALTH COMMITTEE.

GENTLEMEN,

I have the honour to submit the Report of the City of Glasgow Fever and Smallpox Hospitals, Belvidere, for the year ending 31st May, 1905. On that day there were 384 patients in hospital. During the year 2,614 patients were admitted; and of these 284 died, giving a mortality over all of 10·8 per cent., which is slightly higher than that of the previous year. The number of cases of Enteric and Scarlet Fevers shows again a considerable decline; of the former 221 cases were admitted, as against 305 in the previous year, and of the latter 447, as against 525. The mortality of these fevers is slightly lower than that of the previous year. The number of cases of Measles also shows a decline, 557 cases being admitted, as against 730 in the previous year; but in this instance the mortality has been considerably higher, especially in children under two years of age, among whom the type of disease was specially severe. With regard to Whooping-cough, 510 cases were admitted, as against 112 in the previous year, and among these the mortality, though slightly higher than that of last year, was yet considerably below that experienced in many previous years. With regard to Diphtheria, 175 cases were admitted, as against 154 in the previous year, and the mortality was 11·3 per cent., as against 14·3 per cent. If those deaths be deducted which occurred within twenty-four hours of admission to hospital (that is those quite beyond

hope of treatment) the mortality remains at 7·5 per cent., the lowest recorded in the history of the hospital. It cannot be too strongly impressed upon parents that there is an urgent necessity for medical supervision in cases of throat illness. Many of the patients who die are sent to hospital immediately a medical attendant is requisitioned, but this often only happens when the child has been five to six days ill, and when the treatment has no longer the same efficacy in counteracting the disease. With modern means the mortality among diphtheria patients should be very much less than it is.

During the year the Smallpox Hospital sustained a severe loss to its staff in the death of Dr. R. S. Thomson. To all who associated with him his presence was a continual stimulus to thorough work. He showed a constant example of how to preserve that even mind which permits the physician to apply his powers to the best interest of the patient. None worked with him but admit that the association enlarged their medical knowledge and increased their powers of accurate observation.

The number of cases of Smallpox admitted during the year was 157, and of these 13 died. The deaths were, as usual, chiefly among those who were unvaccinated or doubtfully vaccinated, of whom 5 died out of a total of 17. Out of 140 vaccinated persons only 8 succumbed. *The usual tables showing the relationship between Vaccination and Smallpox are appended to this Report, and may be consulted by those who desire detail. It may be pointed out here, however, that four persons attacked by Smallpox had been revaccinated at different dates. One of these was revaccinated in 1874, one in 1894, one in 1896, and the last in 1901, all made a good recovery, and in three the disease was very mild.

The average number of patients in the hospital during the year has been 303, as against 342 in the preceding year, and the average period of residence 42·3 days, as against 36·6 days.

* For these tables I am indebted to Dr. John Anderson, late Acting Superintendent, Smallpox Hospital.

Nothing else of special moment has occurred in the hospital during the last year. The usual course of lectures were given to students and nurses, of the latter, on examination, 17 were granted the Hospital Certificate.

I have the honour to be,

GENTLEMEN,

Your obedient Servant,

JOHN BROWNLEE.

STATISTICAL TABLES.

TABLE I.

GENERAL STATEMENT.

REMAINING in Hospital, 1st June, 1905,	-	-	318
ADMITTED during 1904-1905,	-	-	2,614
			<u>2,932</u>
DISMISSED—			
Cured, Relieved, and Died,	-	-	2,548
REMAINING in Hospital, 31st May, 1905,	-	-	384
Total Number of Deaths,	-	284	
Gross Mortality,	-	10·8 per cent.	
DAILY average number of patients in Hospital,	-	-	303
Average period of stay in Hospital,	-	-	42·3 days.

TABLE II.

TABLE SHOWING THE MONTHLY DISTRIBUTION OF THE PRINCIPAL DISEASES DURING THE YEAR 1904-1905.

	Scarlet Fever.		Diphtheria.		Enteric Fever.		Typhus Fever.		Measles.		Whooping-cough.		Erysipelas.		Total Admissions to Fever Hospital.	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
1904.																
June, - - -	38	2	9	...	6	1	5	1	12	1	19	1	2	...	104	9
July, - - -	32	4	9	1	13	1	3	...	12	1	45	3	1	...	128	11
August, - - -	57	2	16	...	22	2	2	1	5	...	61	6	2	...	177	12
September, - - -	51	1	12	1	38	4	1	...	12	...	32	10	2	...	164	22
October, - - -	50	3	17	3	23	4	1	1	25	1	35	4	3	...	168	19
November, - - -	43	...	21	2	15	3	2	...	31	2	32	6	7	...	174	17
December, - - -	25	1	15	3	38	13	5	...	33	4	52	12	14	2	211	46
1905.																
January, - - -	26	2	22	2	17	3	1	1	31	2	56	9	13	1	187	25
February, - - -	29	...	22	2	14	...	3	1	24	1	49	8	6	1	161	18
March, - - -	40	3	17	1	11	...	1	1	60	2	49	7	15	1	222	18
April, - - -	26	...	7	1	9	1	3	1	137	15	29	7	7	...	246	30
May, - - -	30	...	8	4	15	1	5	1	175	17	51	10	7	...	320	37
Totals, - - -	447	18	175	20	221	33	32	8	557	46	510	83	79	5	2,262	264

TABLE III.
ENTERIC FEVER.

Age-Periods.	MALES.		FEMALES.		TOTAL.		Mortality per cent.
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	
0—5	6	...	8	...	14	...	...
5—10	22	...	11	...	33	...	...
10—15	22	2	13	...	35	2	5'7
15—20	22	3	10	1	32	4	12'5
20—25	15	4	6	...	21	4	19'0
25—30	22	8	15	2	37	10	27'0
30—35	14	3	6	...	20	3	15'0
35—40	7	1	6	5	13	6	46'1
40—45	2	1	1	...	3	1	33'3
45—50	3	...	1	...	4	...	...
50—55	4	1	2	1	6	2	33'3
55—60	1	...	...	..	1	...	...
60—65	1	...	1	1	2	1	50'0
Totals,	141	23	80	10	221	33	14'9

One patient died within 24 hours of admission.

TABLE IV.
TYPHUS FEVER.

Age-Periods.	MALES.		FEMALES.		TOTAL.		Mortality per cent.
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	
0—5	1	...	1	...	2	...	...
5—10	1	...	5	...	6	...	...
10—15	2	...	3	...	5	...	...
15—20	2	...	4	1	6	1	16·6
20—25	1	...	3	1	4	1	25·0
25—30	...	...	...	...	...	...	...
30—35	1	1	2	...	3	1	33·3
35—40	1	1	...	...	1	1	100·0
40—45	2	2	...	...	2	2	100·0
45—50	1	1	1	...	2	1	50·0
50—55	1	1	...	...	1	1	100·0
55—60	...	...	...	...	...	...	...
Totals,	13	6	19	2	32	8	25·0

One patient died within 24 hours of admission.

TABLE V.
DIPHThERIA.

Age-Periods.	TOTAL CASES.				FAUCIAL CASES.			
	Males.		Females.		Males.		Females.	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
0— 1	9	4	8	1	5	2	3	...
1— 2	13	4	13	3	3	...	6	...
2— 3	13	1	11	1	8	...	7	1
3— 4	8	...	17	1	4	...	8	...
4— 5	6	...	12	...	3	...	8	...
5—10	22	4	17	1	13	2	11	1
10—15	4	...	5	...	2	...	4	...
15—20	...	...	5	...	...	...	5	...
20—30	1	...	7	...	1	...	7	...
30—40	...	...	2	...	...	...	2	...
40—50	...	...	2	...	...	...	2	...
Totals, - -	76	13	99	7	39	4	63	2
Mortality percent.	17·1		7·0		10·2		3·1	

Age-Periods.	LARYNGEAL CASES.				TRACHEOTOMIES.			
	Males.		Females.		Males.		Females.	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
0— 1	4	2	5	1	1	1	1	1
1— 2	10	4	7	3	4	2	3	1
2— 3	5	1	4	...	3	1	4	...
3— 4	4	...	9	1	1	...	3	...
4— 5	3	...	4	...	...	...	2	...
5—10	9	2	6	...	8	2	3	...
10—15	2	...	1	...	...	...	...	...
15—20	...	...	...	...	...	...	...	...
20—30	...	...	...	...	...	...	...	...
30—40	...	...	...	...	...	...	...	...
50—60	...	...	...	...	...	...	...	...
Totals, - -	37	9	36	5	17	6	16	2
Mortality percent.	24·3		13·8		35·2		12·5	

Eight patients died within 24 hours of admission.

TABLE VI.
SCARLET FEVER.

Age-Periods.	MALES.		FEMALES.		TOTALS.		Mortality per cent.
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	
0—1	2	...	...	...	2	...	...
1—2	14	...	5	1	19	1	5·2
2—3	15	1	12	1	27	2	7·4
3—4	24	2	20	1	44	3	6·8
4—5	25	1	30	3	55	4	7·2
5—6	26	1	16	1	42	2	4·7
6—7	18	1	34	1	52	2	3·8
7—8	8	...	15	...	23	...	...
8—9	19	...	25	...	44	...	...
9—10	6	...	14	...	20	...	...
10—15	32	...	39	2	71	2	2·8
15—20	10	1	16	...	26	1	3·8
20—25	7	1	9	...	16	1	6·2
25—30	1	...	1	...	2	...	...
30—35	2	...	1	...	3	...	...
35—40	...	...	...	...	...	..	...
40—45	...	...	1	...	1	...	...
Totals,	209	8	238	10	447	18	4·0

Four patients died within 24 hours of admission.

TABLE VII.

MEASLES.

Age-Periods.	MALES.		FEMALES.		TOTALS.		Mortality per cent.
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	
0—1	20	11	17	4	37	15	40·5
1—2	32	12	29	6	61	18	29·5
2—3	47	4	29	3	76	7	9·2
3—4	43	2	42	...	85	2	2·3
4—5	43	2	41	...	84	2	2·3
5—6	41	...	30	...	71	...	...
6—7	36	...	29	...	65	...	...
7—8	17	1	17	...	34	1	2·9
8—9	5	...	5	...	10	...	...
9—10	4	...	2	...	6	...	...
10—15	13	...	...	...	13	...	...
15—20	5	...	2	...	7	...	...
20—25	3	...	1	...	4	...	...
25—30	...	...	3	...	3	...	...
50—55	...	...	1	1	1	1	100·0
Totals,	309	32	248	14	557	46	8·2

Two patients died within 24 hours of admission.

TABLE VIII.
WHOOPING-COUGH.

Age-Periods.	MALES.		FEMALES.		TOTAL.		Mortality per cent.
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	
0—1	33	12	21	13	54	25	46·2
1—2	42	12	38	9	80	21	26·2
2—3	34	9	45	10	79	19	24·0
3—4	31	1	48	5	79	6	7·8
4—5	39	1	43	1	82	2	2·4
5—6	30	1	30	3	60	4	6·6
6—7	17	3	24	...	41	3	7·3
7—8	10	1	9	1	19	2	10·5
8—9	5	...	6	...	11	...	...
9—10	1	...	1	...	2	...	...
10—15	1	...	2	1	3	1	33·3
Totals,	243	40	267	43	510	83	16·2

Four patients died within 24 hours of admission.

TABLE IX.

ERYSIPELAS AND PUERPERAL FEVER.

Age-Periods.	ERYSIPELAS.				PUERPERAL FEVER.	
	Males.		Females.		Cases.	Deaths.
	Cases.	Deaths.	Cases.	Deaths.		
0—5	5	...	4	...	...	...
5—10	2	...	...	...	...	...
10—15	3	...	5	1	...	...
15—20	1	...	...	...	3	1
20—25	2	...	5	...	10	2
25—30	2	...	4	...	13	4
30—35	5	1	5	...	8	5
35—40	1	...	3	...	9	6
40—45	5	...	4	...	3	2
45—50	...	...	5	...	...	...
50—55	2	1	4	...	...	...
55—60	2	...	...	...	...	...
60—65	2	...	3	...	...	...
65—70	1	1	4	1	...	...
Totals, -	33	3	46	2	46	20

TABLE X.
UNCLASSIFIED DISEASES.
(a) INFECTIOUS.

	MALES.		FEMALES.	
	Cases.	Deaths.	Cases.	Deaths.
Influenza, - - - - -	...	...	4	...
Continued Fever, - - - - -	2	1	1	1
Febricula, - - - - -	9	...	1	...
Tuberculosis—				
(a) Meningitis, - - - - -	...	...	1	1
(b) Peritonitis, - - - - -	1	1	1	1
(c) Of Lungs, - - - - -	1	1	2	1
(d) Other Tubercular Diseases,	...	...	...	...
Venereal Diseases, - - - - -	1	...	...	...
German Measles, - - - - -	8	...	9	...
Varicella, - - - - -	...	...	1	...
Parotitis, - - - - -	1	...	...	...
Dysentery, - - - - -	3	...	...	...
Beri-beri, - - - - -	4	...	...	...
Zymotic Enteritis, - - - - -	1	1	...	...
Septicæmia, - - - - -	2	2	1	1
Totals, - - - - -	33	6	21	5

Two patients died within 24 hours of admission.

TABLE X.—*Continued.*
UNCLASSIFIED DISEASES
(b) NON-INFECTIOUS.

	MALES.		FEMALES.	
	Cases.	Deaths.	Cases.	Deaths.
Pneumonia, - - - -	20	8	10	4
Broncho-pneumonia, - - -	4	2	4	2
Bronchitis, - - - -	1	...	2	...
Pleurisy, - - - -	...	...	1	...
Adenitis, - - - -	1	...	...	...
Laryngitis, - - - -	1	...	...	...
Stomatitis, - - - -	...	...	2	1
Tonsillitis, - - - -	11	...	8	...
Post-pharyngeal Abscess, - -	2	1	...	...
Gastric Catarrh, - - -	1	...	...	...
Splenic Anæmia, - - -	...	...	1	...
Meningitis, - - - -	...	...	1	1
Hysteria, - - - -	1	...	...	...
Rheumatism, - - - -	...	...	1	...
Septic Conditions, - - -	3	1	5	1
Bubonic Conditions resembling Plague, - - - -	2	...	...	...
Otitis Media, - - - -	...	...	1	...
Conjunctivitis, - - - -	...	...	2	...
Scabies, - - - -	...	...	1	...
Burn, - - - -	1	...	...	..
Myoma of Uterus, - - -	...	...	1	...
Ulcer on Leg, - - - -	...	...	1	..
Nil, - - - -	19	...	11	...
Nursing Mothers, - - -	...	...	11	..
Members of Staff with Non- infectious Diseases, - - -	...	...	11	...
Total, - - - -	67	12	74	9

Eleven patients died within 24 hours of admission.

TABLE XI.

NUMBER OF PATIENTS ADMITTED SUFFERING FROM
TWO DISEASES.

Chickenpox and Whooping-cough, - - - -	4
Diphtheria and Scarlet Fever, - - - -	3
Diphtheria and Whooping-cough, - - - -	3
Scarlet Fever and Chickenpox, - - - -	1

TABLE XII.

NUMBER OF PATIENTS ADMITTED INCUBATING A DISEASE
DIFFERENT FROM THAT FOR WHICH THEY WERE ADMITTED.

Disease for which admitted.	DISEASES WHICH DEVELOPED.						
	Parotitis.	Measles.	Whooping- cough.	Chicken- pox.	Rötheln.	Enteric Fever.	Scarlet Fever.
Scarlatina, -	I	...	4	...	I	...	...
Diphtheria, -	...	...	4	I	...	I	I
Whooping-cough,	...	3	...	3	I	...	..
Measles, - -	I	...	I	...	...	I	...
Nil, - - -	...	...	I	...	...	...	...

TABLE XIII.

NUMBER OF PATIENTS INFECTED WITH DISEASES OTHER THAN
THAT PRESENT ON ADMISSION TO HOSPITAL.

Disease for which admitted.	DISEASE ACQUIRED.				
	Scarlet Fever.	Measles	Chicken- pox.	Rötheln	Whooping- cough.
Scarlatina, - - - -	...	...	...	I	I
Enteric Fever, - - - -	...	I	...	...	...
Diphtheria, - - - -	4	...	I	...	...
Whooping-cough, - - - -	I	I	...	6	...
Smallpox, - - - -	...	...	3	...	...
Chickenpox, - - - -	...	2	...	...	...
Febricula, - - - -	...	...	...	I	...

TABLE XIV.

INFECTIOUS DISEASES AMONG THE STAFF.

	Typhus Fever.	Enteric Fever.	Scarlet Fever.	Measles.	Rötheln.	Diph- theria.	Ery- sipelas.
Doctors, - -	I
Nurses, - -	I	I	I	I	...	I	...
Cleaners, - -	...	I	I	I

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<i>B.</i> —LIST OF DONORS TO HOSPITAL, &c., 1904-1905, -	36

APPENDIX A.

Statistics of the Smallpox Hospital, 1904-1905.

TABLE I.—TOTAL NUMBER OF CASES TREATED IN THE SMALLPOX HOSPITAL FROM 1ST JUNE, 1904, TO 31ST MAY, 1905.

	MALES.		FEMALES.		TOTAL.	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Smallpox, - - - -	87	6	70	7	157	13
Chickenpox, - - - -	60	1	60	1	120	2
Chickenpox and Whooping-cough, - - - -	10	2	6	1	16	3
Chickenpox and Measles, -	3	...	6	...	9	...
Measles, - - - -	...	...	6	2	6	2
Whooping-cough, - -	3	...	1	...	4	...
Scabies, - - - -	4	...	5	...	9	...
Syphilis, - - - -	1	...	4	...	5	...
Lichen, - - - -	2	...	1	...	3	...
Tonsillitis, - - - -	...	...	2	...	2	...
Impetigo, - - - -	1	...	...	...	1	...
Febricula, - - - -	1	...	...	...	1	...
Acne, - - - -	1	...	...	...	1	...
Erythema Nodosum, - -	...	...	1	..	1	...
Nil, - - - -	4	...	5	...	9	...
Nursing Mothers, - -	...	...	8	...	8	...
Total, - - - -	177	9	175	11	352	20

TABLE II.—CITY OF GLASGOW SMALLPOX HOSPITAL, BELVIDERE.
—CASES OF SMALLPOX TREATED FROM 1ST JUNE, 1904, TO
31ST MAY, 1905, CLASSIFIED AS TO VACCINATION.

AGE-PERIODS.	VACCINATED.		VACCINATION DOUBTFUL.		UNVACCINATED.		TOTAL.	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
0—5, - -	...	...	1	1	9	3	10	4
5—10, - -	1	...	1	...	3	1	5	1
10—15, - -	6	...	1	...	...	...	7	...
15—20, - -	8	...	1	...	...	...	9	...
20—25, - -	11	...	...	...	...	...	11	...
25—30, - -	28	...	...	...	...	...	28	...
30—35, - -	24	3	...	...	...	...	24	3
35—45, - -	41	3	...	...	...	...	41	3
45—55, - -	15	2	...	...	...	...	15	2
55—65, - -	5	...	1	...	...	...	6	...
65 and over, -	1	...	...	...	...	...	1	...
	140	8	5	1	12	4	157	13

TABLE III.—CITY OF GLASGOW SMALLPOX HOSPITAL, BELVIDERE.—
1905, CLASSIFIED AS TO AGE, CHARACTER,

AGE- PERIODS.	AREA.	ONE MARK.								Two			
		FOVEATED.				NOT FOVEATED.				FOVEATED.			
		S.	A.	C.	H.	S.	A.	C.	H.	S.	A.	C.	H.
0—5	Sq. In.												
	- '25	{ Cases,	...	...	...	...	...	...	...	...	...	...	...
		{ Deaths,	...	...	...	...	...	...	...	...	...	...	...
	'25—'5	{ Cases,	...	...	...	...	...	...	...	...	...	...	...
		{ Deaths,	...	...	...	...	...	...	...	...	...	...	...
	'5—1'	{ Cases,	...	...	...	...	...	...	...	...	...	...	...
5—10		{ Deaths,	...	...	...	...	...	...	...	...	...	...	...
	1' and over	{ Cases,	...	...	...	...	...	...	...	...	...	...	...
		{ Deaths,	...	...	...	...	...	...	...	...	...	...	...
	Total,	{ Cases,	...	...	...	...	...	...	...	...	...	...	...
		{ Deaths,	...	...	...	...	...	...	...	...	...	...	...
		
10—15	- '25	{ Cases,	...	...	...	1	...	...	...	...	...	...	...
		{ Deaths,	...	...	...	...	...	...	...	...	...	...	...
	'25—'5	{ Cases,	...	...	...	...	...	...	...	...	...	...	...
		{ Deaths,	...	...	...	...	...	...	...	...	...	...	...
	'5—1'	{ Cases,	...	...	...	...	...	...	...	...	...	...	...
		{ Deaths,	...	...	...	...	...	...	...	...	...	...	...
15—20	1' and over	{ Cases,	...	...	...	...	...	...	...	...	...	...	...
		{ Deaths,	...	...	...	...	...	...	...	...	...	...	...
	Total,	{ Cases,	...	...	...	1	...	...	...	...	...	...	...
		{ Deaths,	...	...	...	...	...	...	...	...	...	...	...
		
		
	- '25	{ Cases,	...	...	...	...	...	...	...	...	...	...	...
		{ Deaths,	...	...	...	...	...	...	...	...	...	...	...
	'25—'5	{ Cases,	...	...	...	...	...	...	...	...	...	...	...
		{ Deaths,	...	...	...	...	...	...	...	...	...	...	...
	'5—1'	{ Cases,	...	...	...	...	...	...	...	...	...	...	...
		{ Deaths,	...	...	...	...	...	...	...	...	...	...	...
	1' and over	{ Cases,	...	...	...	...	...	...	...	...	...	...	...
		{ Deaths,	...	...	...	...	...	...	...	...	...	...	...
	Total,	{ Cases,	...	...	...	...	...	...	...	...	...	...	...
		{ Deaths,	...	...	...	...	...	...	...	...	...	...	...
		
		

S = Sparse Eruption.

A = Abundant Eruption.

TABLE III.

AGE-PERIODS.	AREA.	ONE MARK.								Two			
		FOVEATED.				NOT FOVEATED.				FOVEATED.			
		S.	A.	C.	H.	S.	A.	C.	H.	S.	A.	C.	H.
20—25	Sq. In.												
	- '25 { Cases,	1	...	...	...	...	...	...	...	...	...	...	...
	Deaths,	...	...	...	...	...	...	...	...	...	...	...	...
	'25 - '5 { Cases,	...	...	...	...	1	...	...	...	...	...	...	...
	Deaths,	...	...	...	...	...	...	...	...	...	...	...	...
	'5 - 1' { Cases,	...	...	...	...	...	...	...	...	...	...	...	...
25—30	Deaths,	...	...	...	...	...	...	...	...	...	...	...	...
	1' and over { Cases,	3	...	...	...	1	...	...	...	...	...	...	...
	Deaths,	...	...	...	...	...	...	...	...	...	...	...	...
	Total, { Cases,	4	...	...	...	2	...	...	...	...	...	...	...
	Deaths,	...	...	...	...	...	...	...	...	...	...	...	...
30—35	- '25 { Cases,	...	...	...	...	...	...	1	...	...	...	...	...
	Deaths,	...	...	...	...	...	...	...	...	...	...	...	...
	'25 - '5 { Cases,	...	...	...	...	...	...	1	...	...	...	...	...
	Deaths,	...	...	...	...	...	...	...	...	...	...	...	...
	'5 - 1' { Cases,	4	...	...	...	1	...	...	...	2	...	...	...
	Deaths,	...	...	...	...	...	...	...	...	...	...	...	...
35—45	1' and over { Cases,	1	...	...	...	...	...	...	...	3	...	...	...
	Deaths,	...	...	...	...	...	...	...	...	...	...	...	...
	Total, { Cases,	5	...	...	...	1	...	2	...	5	...	...	...
	Deaths,	...	...	...	...	...	...	...	...	...	...	...	...
35—45	- '25 { Cases,	...	...	...	...	1	1	...	1	...	...	...	...
	Deaths,	...	...	...	...	...	...	...	...	...	...	...	...
	'25 - '5 { Cases,	1	1	...	...	3	1	1	...	...	1	...	...
	Deaths,	1	...	...	...	...	...	...	...	...	...	...	...
	'5 - 1' { Cases,	3	...	...	...	1	...	...	...	...	...	...	...
	Deaths,	...	...	...	...	...	...	...	...	...	...	...	...
35—45	1' and over { Cases,	1	...	1	...	...	...	...	1	1	...	...	...
	Deaths,	...	...	...	...	...	...	...	1	...	...	...	...
	Total, { Cases,	5	1	1	...	5	2	1	2	1	1	...	...
	Deaths,	1	...	...	...	...	...	...	2	...	...	...	...
35—45	- '25 { Cases,	...	...	1	...	3	...	1	...	...	...	...	...
	Deaths,	...	...	1	...	...	...	...	...	...	...	...	...
	'25 - '5 { Cases,	1	...	...	...	2	1	...	...	...	...	...	...
	Deaths,	...	...	...	...	...	...	...	...	...	...	...	...
	'5 - 1' { Cases,	2	1	...	1	5	2	...	1	1	2	...	...
	Deaths,	...	...	...	1	...	...	...	1	...	...	...	...
35—45	1' and over { Cases,	...	...	...	...	1	...	1	...	3	...	...	...
	Deaths,	...	...	...	...	...	...	...	...	...	...	...	...
	Total, { Cases,	3	1	1	1	11	3	2	1	4	2	...	...
	Deaths,	...	...	1	1	...	...	...	1	...	...	...	...

S = Sparse Eruption.

A = Abundant Eruption.

—continued.

MARKS.				THREE MARKS.								FOUR MARKS AND OVER.								
NOT FOVEATED.				FOVEATED.				NOT FOVEATED.				FOVEATED.				NOT FOVEATED.				
S.	A.	C.	H.	S.	A.	C.	H.	S.	A.	C.	H.	S.	A.	C.	H.	S.	A.	C.	H.	
...	
...	
...	
...	
...	I	...	...	...	...	...	...	...	...	...	...	...
I	2	...	I	
...	
...	
...	
...	
I	3	...	I	II
...	
...	
...	
...	
...	
3	2	I	
...	
3	I	...	...	...	...	...	...	I	...	...	...	3	...	...	...	I	...	...	...
...	
...	
6	3	I	I	3	I	28
...
...	
...	
...	
...	
...	
I	...	2	
...	
I	...	I	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	
...	
2	...	3	24
...	3
...	
...	
...	
...	
...	
I	
2	I	...	...	...	...	...	...	...	...	...
...	
...	
...	
2	...	2	
...	
...	
...	
...	
2	2	...	I	I	
...	
...	
...	
...	
4	3	2	...	I	I	I	41
...	3

C = Confluent Eruption.

H = Hæmorrhagic Eruption.

TABLE III.

AGE-PERIODS.	AREA.	ONE MARK.								Two			
		FOVEATED.				NOT FOVEATED.				FOVEATED.			
		S.	A.	C.	H.	S.	A.	C.	H.	S.	A.	C.	H.
45—55	Sq. In.												
	— .25	{	Cases,	...	...	...	...	...	...	...	...	...	...
		{	Deaths,	...	...	...	...	...	...	...	...	...	...
	.25 — .5	{	Cases,	I	...	...	...	2	...	...	...	...	...
		{	Deaths,	...	...	...	...	I	...	...	...	...	...
	.5 — 1	{	Cases,	...	...	...	...	2	...	...	I	...	I
		{	Deaths,	...	...	...	...	...	...	...	...	...	...
	1 and over	{	Cases,	...	...	...	...	...	...	I	...	...	...
		{	Deaths,	...	...	...	...	...	...	...	...	...	...
55—65	Total,	{	Cases,	I	...	...	...	2	...	2	...	2	...
		{	Deaths,	...	...	...	...	I	...	...	...	I	...
	— .25	{	Cases,	...	...	...	...	...	...	...	...	...	...
		{	Deaths,	...	...	...	...	...	...	...	...	...	...
	.25 — .5	{	Cases,	...	...	...	...	...	...	...	...	...	...
		{	Deaths,	...	...	...	...	...	...	...	...	...	...
	.5 — 1	{	Cases,	...	...	...	...	I	...	...	2	...	...
		{	Deaths,	...	...	...	...	...	...	...	...	...	...
65 and over.	1 and over	{	Cases,	...	...	...	...	...	...	...	...	...	...
		{	Deaths,	...	...	...	...	...	...	...	...	...	...
	Total,	{	Cases,	...	...	...	...	I	...	...	2	...	...
		{	Deaths,	...	...	...	...	...	...	...	...	...	...
65 and over.	— .25	{	Cases,	...	...	I	...	...	...	...	...	...	...
		{	Deaths,	...	...	...	...	...	...	...	...	...	...
65 and over.	Total,	{	Cases,	...	...	I	...	...	...	...	...	...	...
		{	Deaths,	...	...	...	...	...	...	...	...	...	...

S = Sparse Eruption.

A = Abundant Eruption.

—continued.

MARKS.				THREE MARKS.								FOUR MARKS AND OVER.								
NOT FOVEATED.				FOVEATED.				NOT FOVEATED.				FOVEATED.				NOT FOVEATED.				
S.	A.	C.	H.	S.	A.	C.	H.	S.	A.	C.	H.	S.	A.	C.	H.	S.	A.	C.	H.	
...	
...	
I	I	...	...	...
...	
...	I	2	...	...	...	...	...	I	...	...	...	...	...	...	...	...	...	...	...
...	...	I	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
I	
...	
2	I	2	I	I	15
...	...	I	2
...	
...	
...	
...	
...	2	...	...	...	...	...	...	...	...	...	...	...
...	
...	
...	2	...	...	...	...	...	...	...	...	...	...	...
...	5
...	
...	
...	I
...

C = Confluent Eruption.

H = Hæmorrhagic Eruption.

TABLE IV.—CITY OF GLASGOW SMALLPOX HOSPITAL, BELVIDERE.—UNVACCINATED AND DOUBTFULLY VACCINATED CASES TREATED FROM 1ST JUNE, 1904, TO 31ST MAY, 1905, CLASSIFIED AS TO AGE AND CHARACTER OF ATTACK; WITH RESULTS.

UNVACCINATED.										VACCINATION DOUBTFUL.													
AGE-PERIODS.		Sparse.		Abundant.		Confluent.		Hæmorrhagic.		Total.		AGE-PERIODS.		Sparse.		Abundant.		Confluent.		Hæmorrhagic.		Total.	
		Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
0—5,	-	3	1*	3	1	3	1	...	...	9	3	-	0—5,	-	...	...	...	1	1	...	...	1	1
5—10,	-	2	...	...	...	1	1	...	...	3	1	-	5—10,	-	...	...	...	1	...	...	...	1	...
10—15,	-	...	...	...	...	...	...	...	...	...	...	-	10—15,	-	...	1	...	...	...	...	...	1	...
15—20,	-	...	...	...	...	...	...	...	...	...	...	-	15—20,	-	...	...	...	1	...	...	...	1	...
20—25,	-	...	...	...	...	...	...	...	...	...	...	-	20—25,	-	...	...	...	...	...	...	...	...	...
25—30,	-	...	...	...	...	...	...	...	...	...	...	-	25—30,	-	...	...	...	...	...	...	...	...	...
30—35,	-	...	...	...	...	...	...	...	...	...	...	-	30—35,	-	...	...	...	...	...	...	...	...	...
35—45,	-	...	...	...	...	...	...	...	...	...	...	-	35—45,	-	...	...	...	...	...	...	...	...	...
45—55,	-	...	...	...	...	...	...	...	...	...	...	-	45—55,	-	...	...	...	...	...	...	...	...	...
55—65,	-	...	...	...	...	...	...	...	...	...	...	-	55—65,	-	...	...	...	1	...	...	...	1	...
		5	1*	3	1	4	2	...	...	12	4				...	1	...	4	1	...	...	5	1

* This patient died of Convulsions.

TABLE V. — TOTAL CASES OF SMALLPOX OCCURRING IN VACCINATED PERSONS CLASSIFIED ACCORDING TO AGE, SEX, AND SEVERITY.

AGE-PERIODS.	Sparse.	Abundant.	Confluent.	Hæmorrhagic.	Total.	Deaths.	Mortality per cent.	MALES.		FEMALES.		TOTAL.		Mortality per cent.
								Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	
0—5,	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5—10,	1	...	...	...	1	...	...	...	...	1	...	1	...	...
10—15,	6	...	...	...	6	...	...	1	...	5	...	6	...	...
15—20,	6	2	...	...	8	...	...	3	...	5	...	8	...	...
20—25,	10	...	1	...	11	...	...	7	...	4	...	11	...	...
25—30,	22	3	3	...	28	...	...	18	...	10	...	28	...	...
30—35,	13	4	5	2	24	3	12·5	14	1	10	2	24	3	12·5
35—45,	24	12	3	2	41	3	7·3	24	2	17	1	41	3	7·3
45—55,	9	1	5	...	15	2	13·3	10	1	5	1	15	2	13·3
55—65,	3	2	...	...	5	...	...	3	...	2	...	5	...	...
65 and over,	...	...	1	...	1	...	...	...	...	1	...	1	...	...
Total,	94	24	18	4	140	8	5·7	80	4	60	4	140	8	5·7

TABLE VI.—TOTAL CASES OF SMALLPOX OCCURRING IN UNVACCINATED PERSONS CLASSIFIED ACCORDING TO AGE, SEX, AND SEVERITY.

AGE-PERIODS.	Sparse.	Abundant.	Confluent.	Hæmorrhagic.	Total.	Deaths.	Mortality per cent.	MALES.		FEMALES.		TOTAL.		Mortality per cent.
								Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	
0—5, -	3	3	3	...	9	3	33'3	2	1	7	2	9	3	33'3
5—10, -	2	...	1	...	3	1	33'3	2	1	1	...	3	1	33'3
10—15, -	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15—20, -	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20—25, -	...	...	...	...	...	...	...	...	...	...	...	...	...	...
25—30, -	...	...	...	...	...	...	...	...	...	...	...	...	...	...
30—35, -	...	...	...	...	...	...	...	...	...	...	...	...	...	...
35—45, -	...	...	...	...	...	...	...	...	...	...	...	...	...	...
45—55, -	...	...	...	...	...	...	...	...	...	...	...	...	...	...
55—65, -	...	...	...	...	...	...	...	...	...	...	...	...	...	...
65 and over, -	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total, -	5	3	4	...	12	4	33'3	4	2	8	2	12	4	33'3

TABLE VII.—TOTAL CASES OF SMALLPOX OCCURRING IN PERSONS OF DOUBTFUL VACCINATION CLASSIFIED ACCORDING TO AGE, SEX, AND SEVERITY.

AGE-PERIODS.	Sparse.	Abundant.	Confluent.	Hæmorrhagic	Total.	Deaths.	Mortality per cent.	MALES.		FEMALES.		TOTAL.		Mortality per cent.
								Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	
0—5,	-	I	...	I	100	...	...	I	I	I	I	100
5—10,	-	I	...	I	...	I	...	...	...	I	...	...
10—15,	-	...	I	...	...	I	...	I	...	...	...	I	...	...
15—20,	-	I	...	I	...	...	...	I	...	I	...	...
20—25,	-
25—30,	-
30—35,	-
35—45,	-
45—55,	-
55—65,	-	I	...	I	...	I	...	...	...	I	...	...
65 and over,	-
Total,	-	...	I	4	...	5	20*	3	...	2	I	5	I	20*

TABLE VIII.—CASES ADMITTED WITH SMALLPOX WHO HAD BEEN REVACCINATED.

	AGE.	Date of Revaccination.	Character of Revaccination Scar.	Type of Case.
CASE I.,	18	1896	1 Scar—.03 sq. inch, not foveated, glazed, depressed,	Semi-confluent.
CASE II.,	13	1894	1 Mark—.15 sq. inch, ill defined, not foveated, glazed,	Sparse.
CASE III.,	56	1874	3 Marks—.84 sq. inch, not foveated, glazed,	Sparse.
CASE IV.,	37	1901	2 Marks—.1 sq. inch, not foveated,	Sparse.

TABLE IX.—SHOWING NUMBER OF SMALLPOX CASES ADMITTED EACH MONTH, JUNE 1ST, 1904, TO MAY 31ST, 1905.

June,	-	-	-	-	-	94
July,	-	-	-	-	-	30
August,	-	-	-	-	-	17
September,	-	-	-	-	-	6
October,	-	-	-	-	-	1
November,	-	-	-	-	-	2
December,	-	-	-	-	-	3
January,	-	-	-	-	-	1
February,	-	-	-	-	-	2
March,	-	-	-	-	-	1
April,	-	-	-	-	-	..
May,	-	-	-	-	-	...

TABLE X.—TOTAL NUMBER OF CASES OF CHICKENPOX TREATED
FROM 1ST JUNE, 1904, TO 31ST MAY, 1905.

Age-Periods.	MALES.		FEMALES.		TOTAL.		Mortality per cent.
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	
0—5	51	3*	45	2†	96	5	5·2
5—10	14	...	17	...	31	...	...
10—15	1	...	4	...	5	...	...
15—20	3	...	3	...	6	...	...
20—25	1	...	2	...	3	...	...
25—30	1	...	1	...	2	...	...
30—35	...	...	...	...	...	...	...
35—40	1	...	...	...	1	...	...
40—45	1	...	...	...	1	...	...
45—55	...	...	...	...	...	...	...
Total,	73	3	72	2	145	5	3·2

* Two of these patients died of convulsions occurring in whooping-cough.
The other died of tubercular broncho-pneumonia.

† Both patients died of convulsions occurring in whooping-cough.

APPENDIX B.

The following is a list of the donors of toys, books, money, &c., for the patients in the hospital at Christmas and New-Year, 1904-5 :—

- Bailie Steele, 41 Albert Drive, Pollokshields.
 Mrs. Hamilton, 1 North Park Terrace, Hillhead.
 Mrs. E. M. Jamieson, Claremont, Perth.
 Mrs. W. R. Macgeorge, 20 Woodside Terrace.
 Miss Hamilton, 11 Prince's Square, Strathbungo.
 Mrs. Tulloch, 52 Montgomerie Drive, Kelvinside.
 Mrs. Wotherspoon, 9 Park Circus.
 Misses MacEwan, 13 Huntly Gardens.
 Lady M'Onie, Heath Bank, Pollokshields.
 M. Neil, 316 St. Vincent Street.
 The *Scots Pictorial* Publishing Company, Ltd., 180 Hope Street.
 Miss Margaret Speir, Newton Farm, Newton, near Glasgow.
 Mr. M'Kinlay, 210 Nithsdale Road.
 Mrs. A. G. Brown, 18 Royal Terrace, W.
 Miss Lamont, 107 Albert Road, Pollokshields.
 Mrs. Speirs, 3 Oakley Terrace.
 Mrs. Henry Dallachy, 145 Greenhead Terrace.
 Mrs. Joseph Stark, Waltry, Milton of Campsie.
 Miss I. D. A. Nish, 9 Claremont Terrace.
 Mrs. Hamilton, Ardenow, Kelvinside.
 Mrs. Lawrie, 48 Prince's Square, Strathbungo.
 Miss Greenhill, Mooreholm, Kilmalcolm.
 Mrs. M'Leod, 1384 Pollokshaws Road.
 Miss Lyle, 12 James Street, Greenhead.
 Mrs. Crawford, Katherine Bank, Hamilton.
 Messrs. Joseph Johnstone & Boath, 53 Bothwell Street.
 Mrs. Main, 25 Woodside Place.
 Claremont Church, per Miss M'Ewan, 19 Lynedoch Crescent.
 Messrs. John Lyle & Co., 10 Fordneuk Street.
 Messrs. Cassell & Co., Ltd., Ludgate Hill, London, E.C.
 Dalmarnock Road E.U. Congregational Church.
 Messrs. Jas. Herbertson & Sons, 85 Bedford Street.
 St. Margaret's Church, Tollcross, per Mr. James Wallace, William Street, Tollcross.
 Victoria Place Baptist Church Sabbath School, per the Rev. J. M'Lean and Mr. C. P. M'Callum.
 M. H. S. Caldwell, 9 Crown Terrace, Dowanhill.
 Messrs. Burroughs, Wellcome, & Co., Snow Hill Buildings, London, E.C.
 A. Balfour, 73 Cambridge Drive.
 Sydney Place U.F. Church Sabbath School, per John Inglis, Esq., 710 Gallowgate.
 The Hon. Misses Burns, Wemyss House, Wemyss Bay—a Basket of Flowers weekly during season.
 Miss Stephen, Kelly, Wemyss Bay—a Box of Flowers weekly during season.
 Proprietors of the *Glasgow Weekly Herald*—6 Copies of the *Weekly Herald* every week.

In addition there were several anonymous donors.

