

# **Report on the Royal Lunatic Asylum, Infirmary and Dispensary, of Montrose. 1862.**

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Montrose Royal Infirmary and Dispensary.

## **Publication/Creation**

Montrose : Printed at the Standard Office, 1862.

## **Persistent URL**

<https://wellcomecollection.org/works/re73tjt9>

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REPORT

ON THE



ROYAL LUNATIC ASYLUM,

INFIRMARY AND DISPENSARY,

OF

MONTROSE.

1862.


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INSTITUTED 1782.

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MONTROSE:  
PRINTED AT THE STANDARD OFFICE.

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# LIST OF DIRECTORS OF THE ROYAL LUNATIC ASYLUM, &c.

JUNE, 1862.

- 
- The PROVOST and ELDEST BAILIE of MONTROSE.  
 The FIRST and SECOND MINISTERS of the Parish of MONTROSE.
- 5 PATRICK ARKLEY, Esq. of Dunninald.  
 W. MACDONALD MACDONALD, Esq. of Rossie.  
 The Right Hon. the EARL of SOUTHESK.  
 WILLIAM FORSYTH GRANT, Esq. of Ecclesgreig.  
 Sir JAMES CAMPBELL, of Stracathro.
- 10 ALEXANDER PORTEOUS, Esq. of Lauriston.  
 THOMAS RENNY TAILYOUR, Esq. of Borrowfield.  
 JOHN DUNCAN, Esq. of Sunnyside and Parkhill.  
 DAVID LYALL, Esq. of Gallery.  
 THOMAS MACPHERSON GRANT, Esq. of Craigo.
- 15 HERCULES SCOTT, Esq. of Brotherton.  
 The Rev. THOMAS HILL, Minister Logie Pert.
- "    ROBERT MITCHELL, do. Craig.  
     "    THOMAS MACINTOSH, do. St. Cyrus.  
     "    JAMES HAY, do. Lunan.
- 20    "    WILLIAM NIXON, do. Free St. John's, Montrose.  
     "    PATRICK CUSHNIE, do. St. Mary's Chapel, do.  
     "    JOHN LISTER, do. Free St. George's, do.  
     "    WILLIAM REID, do. Maryton.  
     "    D. S. MAXWELL, do. Melville Church, Montrose.
- 25    "    J. A. SELLAR, do. St. Mary's Chapel, do.  
     "    W. J. POLLOCK, do. St. Peter's Chapel do.
- Messrs WILLIAM JAMESON, Montrose.  
     ARCHIBALD FOOTE, do.  
 Captain ARCHD. MACNEILL, do.
- 30 Messrs ROBERT BURNES, do.  
     DAVID MACKIE, do.  
     DAVID WALKER, do.  
     THOMAS BARCLAY, do.  
     ROBERT WALKER, do.
- 35    "    JAMES SMITH, R.N., do.  
     "    JAMES M. PATON, do.  
     "    FRANCIS B. PATON, do.  
     "    ROBERT SMART, do.  
     "    THOMAS NAPIER, do.
- 40    "    JOHN BOYD, do.  
     "    C. H. MILLAR, do.  
     "    DAVID MITCHELL, do.  
     "    CHARLES BIRNIE, do.  
     "    FRANCIS ABERDEIN, do.
- 45    "    ROBERT COOKE, do.  
     "    JOHN GUTHRIE, do.  
     "    JAMES SAVEGE, do.  
     "    GEORGE C. MYERS, do.  
     "    THOMAS B. PATON, do.
- 50    "    DAVID K. MIDDLETON, do.

ANNUAL GENERAL MEETING.....2D TUESDAY OF JUNE.  
 MONTHLY MEETING.....1ST TUESDAY OF EACH MONTH,  
 AT TWELVE O'CLOCK NOON.



HOUSE COMMITTEE OF ASYLUM.

Messrs DAVID MACKIE.  
DAVID WALKER.  
ROBERT SMART.  
JOHN GUTHRIE.  
FRANCIS B. PATON.

Mr WALKER, *Convener.*

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HOUSE COMMITTEE OF INFIRMARY.

The Rev. D. S. MAXWELL.  
JOHN LISTER.  
Messrs ROBERT COOKE.  
THOMAS NAPIER.  
JOHN BOYD.  
D. K. MIDDLETON.  
BAILIE GREIG.

MR COOKE, *Convener.*

## LIST OF ASYLUM OFFICERS.

---

JAMES C. HOWDEN, M.D.....GENERAL MEDICAL SUPERINTENDENT.  
DAVID JOHNSTON, M.D. ....CONSULTING PHYSICIAN.  
REV. WILLIAM MORTIMER, M.A. ....CHAPLAIN.  
JAMES NIDDRIE.....STEWARD.

### AT NEW ASYLUM.

WILLIAM DOUGLAS, M.D.....INTERIM MEDICAL SUPERINTENDENT.  
ADAM ADDISON, L.R.C.P. & S. ....ASSISTANT MEDICAL OFFICER.  
MRS. WRIGHT, .....HOUSEKEEPER.  
MISS ISABELLA BURT,.....LADIES' SUPERINTENDENT.  
JAMES WATSON, .....HEAD ATTENDANT.

### AT OLD ASYLUM.

WILLIAM DEAN FAIRLESS, M.D.....MEDICAL SUPERINTENDENT.  
MISS HELEN BURNES, .....MATRON.

DAVID HILL and GEORGE C. CHALMERS, Bankers,  
JOINT TREASURERS.

ADAM BURNES,  
SECRETARY.

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## LIST OF OFFICERS OF INFIRMARY AND DISPENSARY.

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DAVID JOHNSTON, M.D.....SURGEON.  
SAMUEL LAWRENCE, M.D. ....ASSISTANT SURGEON.  
MRS. NAPIER, .....MATRON.  
REV. WILLIAM MORTIMER, M.A.....CHAPLAIN.

DAVID HILL and GEORGE C. CHALMERS, Bankers,  
Joint Treasurers to the Asylum and Infirmary.

ADAM BURNES,  
SECRETARY.

BALANCE ACCOUNT  
OF THE  
MONTROSE ROYAL LUNATIC ASYLUM,  
INFIRMARY AND DISPENSARY.

<i>Drs.</i>		
Old Asylum Buildings and Furniture, ... ..	£4959	13 3
New Asylum, Sunnyside, ... ..	27,427	8 8
Do. Furniture, ... ..	2493	5 9
Carriages and Horses, ... ..	152	6 9
Medical Superintendent's House, &c., ... ..	1385	5 6
Seats in Parish Church, ... ..	29	10 0
Outstanding Boards, ... ..	58	10 2
Sundries on hand, ... ..	675	3 0
The Brechin Gas Company, ... ..	220	0 0
Cash—Balance, ... ..	10	2 0
	£37,411	5 1

<i>Crs.</i>		
Sundry Creditors for Money Lent, ... ..	£12,400	0 0
The National Bank of Scotland, ... ..	9707	18 4
Stock Account, ... ..	15,083	6 9
Patients' Work and Recreation Fund, ... ..	220	0 0
	£37,411	5 1

ASYLUM.

INCOME for the year ending June 2, 1862, ... ..	£12,759	4 1
EXPENDITURE do. do., ... ..	12,546	11 1
	£212	13 0

INFIRMARY.

INCOME for year ending June 2, 1862, ... ..	£681	12 10
EXPENDITURE do. do., ... ..	694	3 2
	£12	10 4



# Royal Lunatic Asylum.

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## REPORT OF THE HOUSE COMMITTEE.

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IN submitting their Annual Report, the Committee have again to advert to the continued favourable terms of the minutes of official inspection made by the Medical Members of the Board of Lunacy during the year.

The progress of the Institution and other statistics are detailed in the Medical Report for the year; the Committee therefore beg leave briefly to report that the number of patients in both Houses is now 526, against 432 at the close of last year, thus showing an increase on the year of 94. The increase in the year 1860-61 was 59; and for the year 1859-60, 102. There is still room in the Establishment for from 30 to 40 patients more, according to their class and the accommodation they require; but as the chief accession of patients has taken place in previous years in the summer and autumn months, it is not unreasonable to conclude that in a short time the whole Establishment may be fully occupied.

The Committee have to report a final and amicable settlement with the architect and builders of the Sunnyside Asylum, and there are now no outstanding nor unsettled claims of any description in connection with the erection of the new House.

The property sold from the Old Asylum to the Counties of Forfar and Kincardine has not yet been paid for, but the money has been consigned with the National Bank here, and by arrangement interest is accruing on the amount at the same rate as is charged by the Bank for its advances to the Institution.

The Steading and Cottages in course of erection last year have been completed and occupied for some time, to the advantage of the Institution; and the following additions have been made during the year:—



A large Airing Court for Female Pauper Patients has been enclosed by sufficient stone walls on the east end of the House, and two Airing Grounds for Male and Female Boarders respectively have been enclosed by wire fencing in the front of the House. A second large steam boiler has been got, and a wringing machine for the washing-house. A Coal-yard has been made out, and an additional Scullery. Painting and papering has been carried on to a farther extent, and great progress has been made, by patients' labour, in digging and trenching the Asylum grounds, through which the large mounds of earth cast up from the foundations of the House have been nearly absorbed. The chief of the additions mentioned above were originally projected, and all have from time to time been sanctioned by the Board; and, with the exception of the steam boiler and wringing machine, the whole have been paid for, and charged to the accounts. In planning out and enclosing the Airing Grounds, care has been taken to preserve to all of them the full advantage of the widely extended and beautiful prospect which the site of the Asylum so eminently commands.

The only work now in progress, or at present projected, is the erection of a back enclosure wall to the Male Paupers' Airing Ground on the west end of the House, with a shoe-house or shed in connection therewith. This Airing Ground is at present enclosed by a wooden paling, and the wall now building is required for shelter.

The Committee have with great satisfaction to report the completion of an arrangement with Mr Duncan of Sunnyside, by which, for an annual ground rent of £3 4s per acre, they have obtained from him possession in perpetuity of the Farm of Hillhead, measuring 56 acres. The Committee regard this acquisition as being of great value and importance. By it the Institution is provided with the extent of ground recommended by the Lunacy Board as being necessary for the proper employment of the number of patients the House will contain, while at the same time it provides at a moderate rate for the perfect independence of the Establishment for the future. The Committee consider that the best thanks of the Board are due to Mr Duncan for the liberal way in which he met and entered into its views. Entry to the farm takes place at Martinmas first, by which time the temporary employment afforded to the patients in putting in order the present grounds of the Asylum will have nearly ended. The farm lies



at the back of the Asylum, and is in immediate contiguity with its grounds.

The Committee regret to say that the able General Superintendent of the Asylum, Dr Howden, has from continued indisposition been obliged to go on furlough, and that they are for a time deprived of his valuable services. During his absence the Sunnyside Asylum will be under the superintendence of his assistant, Dr Douglas, assisted by Dr Addison. Dr Douglas has been for nearly three years assistant at Sunnyside, and is thoroughly acquainted with all the details of its management. Dr Addison has only lately joined the Establishment. Dr Fairless continues to superintend the Montrose Asylum, which is now full. Under his supervision the House has been put into the best condition its structure will admit of, and the whole arrangements are in a very satisfactory state.

The Committee have made weekly visits to the New Asylum, and occasional visits to the Montrose Asylum, and they have to report favourably as to both Establishments, and to their general satisfaction with the conduct of the staff of officers.

The Meeting have to record their thanks to the different choirs and musical societies for the kind services rendered by them during the year.

The Committee have much pleasure in noticing a liberal donation to the Asylum, made by Dr Robert Douglas, Old North-Water Bridge, the proceeds of which are, after certain primary purposes are served, to be applied towards providing materials for needlework and recreation for the inmates of the ladies' parlour, which gift is the more acceptable as being a mark of gratitude for comfort experienced by an inmate during a long period of indisposition, and also as initiating a fund for the future to carry out the benevolent views of the donor. The Deed of Gift will be submitted to the Annual Meeting.

DAVID WALKER, Convener.



# MEDICAL SUPERINTENDENTS' REPORT,

FOR THE YEAR ENDING JUNE 1, 1862.

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THERE were resident in the Institution, at the commencement of the official year, 177 Males and 255 Females—in all, 432 inmates. The population has increased very largely during the past year. Large as were the admissions in 1860-61, those of the past year have exceeded them by 47; the number of admissions and re-admissions being 266—viz., 101 Males and 165 Females—so that 698 patients have been under treatment.

The Discharges have been 104—viz., 35 Males and 69 Females. The Deaths for the year have been, 32 Males and 36 Females—total, 68. These changes leave in the Institution, on the 31st May, 1862, 526 patients, of whom 211 are Males and 315 Females. Of these numbers, 157 Males and 155 Females—total, 312—reside in the New Asylum; and 54 Males and 160 Females—total, 214—in the Old Asylum.

The mean yearly population over the entire Establishment has been 199.445 Males and 302.412 Females—total, 501.857.

The percentage of Recoveries (excluding those discharged “improved”) has been 28.214 on the admissions of the year. If we include those improved—most of whom, in all probability, would have progressed to recovery had they been retained under treatment—the result would have shown 35 or 36 per cent.

The Deaths have been 13 per cent. on the numbers daily resident, or 9 per cent. on the total under treatment. Of this number, the half have been individuals whose ages ranged from 50 to 80 years, in nearly equal proportions of the sexes. The ratio of deaths has again been high, but not more than might have been predicted, considering the peculiar circumstances of the Institution, as the only one in Scotland containing vacant accommodation, and, in consequence, to whose portals a constant stream of population, averaging 22,177 individuals each month, has been directed—drafted, as will be seen



from Table VI., from twenty-one Scottish counties. These patients were received in every variety of mental and physical condition, age, and circumstances. Some were in a moribund condition, one man dying within a few hours of admission; in many others the seeds of bodily disease were thickly sown, and the fruit was speedily reaped, for nearly the half of the mortality arose from patients who had not been six months in the Asylum—indeed, 8 were under one month, and 7 under two months. A great number were transfers from other Asylums, of chronic and incurable cases, sent to Montrose on account of the cheaper rate of board, and for other reasons connected with the treatment, and which cases were all unhesitatingly received. In determining the results in Asylums, the usual method is to calculate the percentage of recoveries on the number of admissions during the year, and the percentage of deaths on the average number resident. This, under ordinary circumstances, and when the proportion of admissions in different Asylums bears a similar relation to the total number of patients, is undoubtedly the best means of ascertaining the efficiency of treatment in any institution; but, according to the last report of the Commissioners in Lunacy, there were more patients received in Montrose during 1861 than in any other Scottish Asylum; and no doubt 1862, a portion of which is included in the Montrose official year, will show a still greater number, not only relatively, but actually. When the deaths are therefore calculated on the admissions, the percentage is less than in some other Asylums. There have been no epidemics during the past year, with the exception of a slight one of diarrhoea which prevailed during the month of December in the Old Asylum, when one feeble patient succumbed. The Table of Mortality shows the diseases which have proved fatal. The cause of death in fifteen cases was from disease of the nervous system; in twenty-two, from diseases of the lungs; in three, from heart disease; in one, from disease of the liver; in six, from disease of the stomach and intestines; in two, from diseases of the urinary organs; in five, from wasting and senile decay; in another, from an extensive abscess of the thigh; in two, from tuberculosis; and in ten, from maniacal exhaustion. There have been no casualties during the year, with the exception of an unfortunate case of suicide by a female, who had, for a very brief space, eluded the vigilance of her attendant.

During the past, as in the former year, there have been two births



in the Institution. In one of the cases, it was curious to remark that a feature of the mental disease of the patient was strange delusions respecting her pregnancy, which were gradually dispelled during the progress of her labour, from which she speedily recovered in health of body and mind.

The special medical treatment of the patients has obtained a considerable amount of attention during the past year. A number of medicinal and therapeutic agents have been employed, with variable results; but encouragement has been imparted to warrant continued perseverance in the employment of pharmaceutical remedies, in conjunction with moral treatment, in promoting the cure or alleviation of mental disease.

A still increasing proportion of the patients has been industrially employed: the largest portion of these has been engaged in various out-door occupations; and when open-air occupation is pleasant, and persisted in short of positive fatigue, the benefits accruing therefrom cannot be over-estimated. The various workshops, bakehouse, washinghouse and laundry, sewing-rooms, &c., have also had their due quota of workers. Nor have the lighter occupations and recreations fallen into desuetude. Throughout the year, according to the varying season, there has been a succession of picnics to some of the places of interest in the neighbourhood; walking parties have been very frequent; and cricket and other athletic games have been enjoyed. In-doors, there has been the usual weekly ball, which seems never to lose its fascination; the more pretentious festivities of Hallowe'en and Christmas; games at billiards, cards, and draughts; social gatherings of select parties of the patients; a singing class has been organised on a permanent basis; and "special mention" must be made of the beautiful Christmas tree, laden with brilliant fruits and prizes, for whose production and arrangement we are indebted to so many kind friends. In this enumeration a prominent place must be given to the resources of the Library and Newsroom, which are always increasing partly by *intra* and partly by *extra mural* aid, and which afford much solace and amusement to the more studious portion of the population. Amongst the more occasional recreations must be noted a number of concerts, for which the Institution is greatly indebted to the various singing clubs and church choirs who have kindly given their services, a few theatrical representations, exhibitions of natural magic,

moving figures, &c., obtained for the patients' delectation when the respective "professionals" were in the neighbourhood. Nor must we forget the provision made for the religious wants of the inmates in the Sunday and week-day services, Bible class, and visitations, conducted by the Chaplain to the Asylums.

The new farm which has been acquired by the Directors will add greatly to the industrial resources of the Asylum, and, conjoined with the various works and improvements which have been steadily persevered in, will render the Institution more and more complete in all its parts, and thereby add to its efficiency.

WM. DEAN FAIRLESS, M.D.,  
*Medical Superintendent, Old Asylum.*

WILLIAM DOUGLAS, M.D.,  
*Interim Medical Superintendent, Sunnyside Asylum.*



## APPENDIX.

*Table I.—Shewing the General Results of the Year.*

	Males.	Females.	Total.
In Asylum, at 31st May, 1861 .....	177	255	432
Admitted .....	101	165	266
Total under treatment during the year .....	278	420	698
Discharged and Died :—			
	Males.	Females.	Total.
Recovered .....	23	52	75
Improved .....	8	12	20
Uncured .....	4	5	9
Escaped .....	0	0	0
Died .....	32	36	68
Total Discharged and Died during the year.....	—	—	67
Remaining in the Asylum on 31st May, 1862 .....	211	315	526

*Table II.—Shewing the Daily Average number of Patients.*

	Period.	Males.		Females.		Total.
June	1861.....	177.966	...	262.399	...	440.365
July	„ .....	185.870	...	276.935	...	462.805
August	„ .....	191.516	...	285.838	...	477.354
September	„ .....	191.966	...	299.933	...	491.899
October	„ .....	194.644	...	302.396	...	497.040
November	„ .....	198.466	...	309.833	...	508.299
December	„ .....	200.290	...	312.788	...	513.078
January	1862.....	208.450	...	315.128	...	523.578
February	„ .....	208.428	...	312.571	...	520.999
March	„ .....	209.738	...	316.644	...	526.382
April	„ .....	213.366	...	318.266	...	531.632
May	„ .....	212.644	...	316.213	...	528.857
For the whole year 1861-62,		199.445	...	302.412	...	501.857

*Table III.—Shewing the Condition as to Marriage.*

	Males.		Females.		Total.
I. Single .....	61	...	110	...	171
II. Married .....	31	...	35	...	66
III. Widowed.....	9	...	20	...	29
	101	...	165	...	266

Table IV.—Shewing the period of Residence of those Recovered and those Dead.

RESIDENCE.	RECOVERED.			...	DEAD.		
	Males.	Femal.	Total.		Males.	Femal.	Total.
Under 4 weeks .....	0	0	0	...	4	4	8
"  2 months.....	4	2	6	...	2	5	7
"  3      ".....	3	8	11	...	0	4	4
"  4      ".....	2	5	7	...	2	2	4
"  5      ".....	3	5	8	...	0	1	1
"  6      ".....	4	6	10	...	5	1	6
"  7      ".....	2	3	5	...	1	1	2
"  8      ".....	1	3	4	...	1	3	4
"  9      ".....	0	4	4	...	1	0	1
"  12     ".....	2	6	8	...	5	1	6
"  2 years .....	1	7	8	...	5	5	10
"  3      ".....	1	2	3	...	1	2	3
"  4      ".....	0	1	1	...	1	1	2
"  5      ".....	0	0	0	...	0	1	1
"  6      ".....	0	0	0	...	2	0	2
"  7      ".....	0	0	0	...	1	0	1
"  8      ".....	0	0	0	...	0	1	1
"  9      ".....	0	0	0	...	0	2	2
"  10     ".....	0	0	0	...	0	1	1
"  15     ".....	0	0	0	...	0	1	1
"  16     ".....	0	0	0	...	1	0	1
Total.....	23	52	75	...	32	36	68

Table V.—Shewing the Numbers, Curable and Incurable, of Patients Admitted.

	Males.	...	Females.	...	Total.
I. Curable .....	54	...	97	...	151
II. Incurable .....	47	...	68	...	115
	101	...	165	...	266

Table VI.—Shewing the Counties from whence Patients have come.

Counties,	Numbers.	Counties.	Numbers.
1. Aberdeen .....	37	Brought forward ...	218
2. Ayr .....	6	14. Kinross.....	1
3. Banff .....	17	15. Lanark.....	1
4. Berwick .....	2	16. Nairn .....	1
5. Caithness .....	12	17. Perth .....	20
6. Clackmannan .....	2	18. Ross .....	11
7. Edinburgh.....	1	19. Shetland .....	7
8. Elgin .....	1	20. Stirling .....	5
9. Fife .....	10	21. Sutherland .....	2
10. Forfar.....	103		
11. Haddington .....	1		
12. Inverness .....	7		
13. Kincardine.....	19		
Carry forward .....	218		
			266



Table VII.—Shewing the Ages of those Admitted and Dead.

AGES.	ADMITTED.			...	DEAD.		
	Males.	Females.	Total.		Males.	Females.	Total.
Under 20 years .....	9	11	20	...	2	0	2
From 20 to 30 years .....	25	39	64	...	1	6	7
" 30 to 40 " .....	21	30	51	...	8	8	16
" 40 to 50 " .....	16	31	47	...	6	4	10
" 50 to 60 " .....	18	33	51	...	6	9	15
" 60 to 70 " .....	8	15	23	...	6	6	12
" 70 to 80 " .....	3	6	9	...	3	3	6
" 80 to 90 " .....	1	0	1	...	0	0	0
Totals .....	101	165	266		32	36	68

Table VIII.—Shewing the Causes of Death.

Disease.	Males.	...	Females.	...	Total.
Apoplexy .....	0	...	1	...	1
Paralysis.....	2	...	1	...	3
Acute Hydrocephalus.....	0	...	1	...	1
Epilepsy.....	2	...	0	...	2
General Paralysis.....	4	...	4	...	8
Maniacal Exhaustion .....	3	...	7	...	10
Laryngitis .....	1	...	0	...	1
Bronchitis .....	1	...	1	...	2
Pneumonia.....	3	...	0	...	3
Phthisis .....	7	...	8	...	15
Hydrothorax .....	1	...	0	...	1
Cardiac Disease.....	2	...	1	...	3
Hepatic Disease .....	1	...	0	...	1
Chronic Gastritis .....	1	...	0	...	1
Enteritis.....	0	...	1	...	1
Peritoneal Cancer.....	0	...	1	...	1
Tubercular Peritonitis.....	0	...	1	...	1
Diarrhoea .....	0	...	2	...	2
Nephritis .....	1	...	0	...	1
Chronic Cystitis .....	1	...	0	...	1
Tuberculosis .....	0	...	2	...	2
Marasmus .....	2	...	1	...	3
Senile Decay.....		...	2	...	2
Abscess of Thigh.....	0	...	1	...	1
Suicide by Hanging.....	0	...	1	...	1
Totals .....	32	...	36	...	68



# Royal Infirmary and Dispensary.

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## REPORT OF THE HOUSE COMMITTEE.

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In submitting their Annual Report, the Committee have to remark that the admissions during the year have been considerably greater in number than in the previous year, the number admitted being 336 as against 279, and that a large proportion of the increase is attributable to there having been 77 cases of fever, while there were only 21 in the previous year. The Committee, however, refer to the Medical Report for all details in that department.

There has been received during the year one Legacy, being a portion of the residue of the Estate of the late Mrs Jane Mill or Thomson; and the following form the other receipts:—

Churches and Parochial Boards ... ..	£105	16	2
Private Individuals ... ..	245	7	6
Banks and Millowners ... ..	28	2	0
Concerts ... ..	56	6	6
Annual Donation from the Royal Lunatic Asylum ...	150	0	0
	£585	12	2

The chief falling off in the Contributions arises in the case of Concerts; and from the Treasurer's Accounts it will be seen that the expenditure has exceeded the revenue by £12 10s 4d, notwithstanding of a very liberal Donation of £100 by Miss Shand—a circumstance which renders it necessary to make a new appeal to the Public to support an institution which is productive of so much good to the working and humbler classes.

The Committee have continued their weekly visits to the Infirmary and Dispensary, and have had ample opportunity of observing the skill and attention bestowed by the Medical Attendants, the general good order of the Establishment, and the kindness shown to the Patients.

By authority of the Committee.

J. SAVEGE, CONVENER.



# MEDICAL REPORT OF THE INFIRMARY,

FOR THE YEAR ENDING JUNE 1, 1862.

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FROM the tables appended to this Report, it will be seen that the number of admissions last year exceed those of the previous year by 57. In this Report, the feature of greatest prominence is the large number of cases of fever which has been admitted. Since the opening of the New Infirmary, in 1839, there have been only two years during which such admissions have exceeded those for the year just ended, viz., in 1848-9 and 1854-5. In 1860, a table was constructed showing the amount of fever treated during the previous ten years, and the average mortality during that period. It was there shown that the death-rate was, as nearly as possible, 1 in 8, while in the year just ended the ratio is rather less than 1 in 9. The two Nurses and the Housemaid, as well as one of the Medical Students attending the practice of the Hospital, have all passed through very severe and protracted attacks of this disease. While an unusually large number of such cases has had the care and comforts which are found in the Infirmary, it does not appear that this disease has prevailed throughout town among the classes not receiving the benefits of the Institution, in a greater degree than usual; and from this fact the legitimate conclusion is, that, by means of this most useful charity, the spread of fever is arrested, by the removal of one or more of the infected members of a family, and thus the focus of contagion is destroyed in localities where every circumstance conspires to render the inhabitants prone to attacks of such a nature.

Next on the list, numerically, stand diseases of the respiratory organs; and the extent of this class of ailments may always be taken as a very correct index of the severity of the weather during our winter and spring months.

The number of deaths for the year amounts to 19—a number smaller than during recent years, in proportion to the admissions. One of these fatal cases was moribund when admitted, the patient surviving only for an hour or two after being received into the House.



Twenty-two operations have been performed, of which three were unsuccessful, the patients succumbing to the effects of the operations upon constitutions enfeebled by disease of long standing.

The Dispensary has afforded a very large amount of substantial relief to the out-door sick, the number of patients treated there, and at their own homes, having been 789; while the number of calls made by individuals at the Institution, at the hour set aside for that purpose, has been no less than 3376. The average number of calls per week has thus been 64.92; the greatest number in any one week, 103; and the smallest number in the same time, 40.

At no time during the last thirteen years—the period of my connection with the Institution—have matters been more satisfactory, in a medical point of view, than during the bygone year; and much of this success is due to the assiduous and efficient assistance of Dr Lawrence, and the careful and most satisfactory discharge of the duties of the Matron and other Officials.

DAVID JOHNSTON, M.D.

## APPENDIX.

*Table I.—Shewing the General Results of the Year.*

	Males.		Females.		Total.
1st June, 1861—Remain in House .....	6	...	11	...	17
Admitted during the year .....	166	...	153	...	319
	172	...	164	...	336
	Males.		Females.		Total.
Discharged Cured.....	142	...	135	...	277
Improved ...	9	...	4	...	13
Dead.....	11	...	8	...	19
Incurable ...	2	...	1	...	3
Left .....	2	...	3	...	5
	—		—		—
	166	...	151	...	317
1st June, 1862—Remain in House.....	6	...	13	...	19

*Table II.—Classification of Diseases under which the Patients laboured when admitted into the Infirmary.*

	Males.		Females.		Total.
Fever .....	26	...	51	...	77
Ulcers and Abscesses.....	11	...	16	...	27
Tumours and Malignant Growths .....	7	...	4	...	11
Diseases of Digestive Organs .....	19	...	16	...	35
Heart and Vascular System...	5	...	1	...	6
Respiratory Organs.....	28	...	20	...	48
Urinary & Generative Organs..	6	...	12	...	18
Nervous System.....	8	...	2	...	10
Skin .....	10	...	12	...	22
Eye.....	2	...	1	...	3
Bones and Joints.....	11	...	10	...	21
Rheumatism .....	14	...	6	...	20
Wounds and Injuries.....	16	...	10	...	26
Fractures .....	5	...	2	...	7
Burns .....	2	...	0	...	2
Dipsomania .....	2	...	0	...	2
Contracted Tendons .....	0	...	1	...	1
	172	...	164	...	336



Table III.—Operations performed during the Year.

	Males.	Females.	Total.
Amputation of Thigh .....	0	1	1
" of Leg .....	1	0	1
" at Ankle-joint .....	1	0	1
" of Toe .....	1	0	1
" of Forearm .....	0	1	1
" of Three Fingers.....	1	0	1
Excision of Elbow-joint .....	0	1	1
" of Cancer of Lip.....	3	0	3
" of Scirrhus Tumour from Axilla.....	0	1	1
" of Mammary Tumour.....	0	1	1
" of Fatty Tumour .....	1	0	1
" of Malignant Growth of Orbit.....	1	0	1
Extirpation of Eye .....	1	0	1
Hydrocele .....	2	0	2
Lithotomy .....	1	0	1
Operation for Prolapsus Recti.....	1	0	1
" for Hernia .....	1	0	1
" for Hemorrhoids .....	1	0	1
Paracentesis Abdominis .....	0	1	1
	<u>16</u>	<u>6</u>	<u>22</u>

Table IV.—Causes of Death in Nineteen Fatal Cases.

	Males.	Females.	Total.
Fever .....	4	4	8
Amputation of Thigh.....	0	1	1
Lithotomy .....	1	0	1
Hernia.....	1	0	1
Carcinoma Uteri.....	0	1	1
Enteritis .....	0	1	1
Chronic Meningitis .....	1	0	1
Disease of Heart .....	1	0	1
" of Knee-joint .....	0	1	1
Ulcer of Bowel and Perforation (Mori- bund when admitted).....	1	0	1
Injury to Head.....	1	0	1
Effects of Immersion .....	1	0	1
	<u>11</u>	<u>8</u>	<u>19</u>

*Table V.—Shewing the Occupations of 336 Patients admitted into the Infirmary during the Year.*

Millworkers .....	65	Shopkeepers .....	3
Labourers .....	55	Nurses .....	2
Domestic Servants .....	30	Vocalist.....	1
Unemployed .....	25	Hostler .....	1
Housewives .....	24	Printer .....	1
Weavers .....	24	Shoemaker .....	1
Farm Servants.....	21	Tailor .....	1
At School.....	16	Dressmaker .....	1
Mechanics .....	13	Chimney Sweep .....	1
Seamen.....	12	Basketmaker .....	1
Fishers .....	12	Pensioner .....	1
Butchers .....	6	Asylum Attendant.....	1
Flaxdressers .....	6	Barber .....	1
Vagrants .....	5		
Bakers .....	3		
Seamstresses .....	3		
		Total .....	336



# Donations to the Infirmary,

FOR THE YEAR ENDING 2d JUNE, 1862.

## BANKS AND MILLOWNERS.

The Scottish North-Eastern Railway Company	£5 0 0	
Messrs Richards & Co., Montrose	5 5 0	
Messrs Aberdein, Gordon, & Co., Montrose	5 5 0	
The British Linen Company, Edinburgh	3 3 0	
The Bank of Scotland, do.	3 3 0	
The North of Scotland Banking Company, Aberdeen	3 3 0	
The National Bank of Scotland, Edinburgh	3 3 0	
	£28 2 0	

## CONCERTS, &c.

Messrs Aberdein & Gordon's Workers, a Concert	£11 0 6	
Messrs Robert Millar & Sons' Workers, do.	11 4 6	
The Tailors and Shoemakers, Montrose, do.	5 4 0	
The Workers at Chapel Works, do. do.	15 0 0	
Moiety of Fine, per Superintendent of Police	1 5 0	
Publicans' Fines, per do.	12 10 0	
Moiety of a Fine, per Dean of Guild	0 2 6	
	56 6 6	

## PAROCHIAL AND CONGREGATIONAL.

Logie Free Church	£6 10 0	
The Parish of Lunan	3 7 6	
The Parish of Marykirk	£4 15 6	
Do. Luthermuir Congregation	0 16 6	
The Parochial Board, Marykirk	3 0 0	
	8 12 0	
The Parochial Board of Logie-Pert	5 0 0	
The Parish of Benholm, per the Rev. Mr Myers	15 7 4	
St John's Free Church, Montrose	9 10 0	
The Parish of Maryton	1 15 6	
The Prayer Meeting of Carpenters, Montrose	0 9 0	
The Parish of Kinnell (of which £1 17s 2d is contributed by the Workers at Hatton Spinning Mill	4 0 0	
The Free Church of Benholm	3 3 0	
St George's Free Church, Montrose	5 13 0	
The Parochial Board of Laurencekirk	4 0 0	
The Parochial Board of St Cyrus	4 0 0	
The Parish of Arbuthnott	6 0 0	
The United Presbyterian Congregation, Muirton	3 3 10	
The Parish of Garvoek	2 0 0	
The Free Church of Craig	3 0 0	
The Parochial Board of Montrose	15 0 0	
The Parochial Board of Fettercairn	3 0 0	
The Parish of Logie-Pert, a Collection	2 5 0	
	£105 16 2	

## INDIVIDUAL.

Mrs Duncan, sen., of Parkhill	£2 0 0	
Miss Ann Shand, Montrose	100 0 0	
A. W. Cruikshank, Esq. of Langley Park	1 1 0	
John Duncan, Esq. of Parkhill	2 0 0	
A Friend	1 1 0	
Archibald Foote, Esq., Montrose	1 1 0	
Francis Aberdein, Esq., do.	1 1 0	
John Guthrie, Esq., do.	1 1 0	
William Jameson, Esq., do.	1 1 0	
David Walker, Esq., do.	1 1 0	
Mrs Jean More, do.	0 10 0	
Carry forward	£111 17 0	£190 4 8

Brought forward ...	£111	17	0	£190	4	8
Misses E. and H. Cowie, Montrose	...	...	...	...	...	...
Sir Thomas Gladstone of Fasque, Bart.	...	...	...	...	...	...
Mrs George Paton, Montrose	...	...	...	...	...	...
Mr James Henderson, do.	...	...	...	...	...	...
The Misses Renny, do.	...	...	...	...	...	...
James Beattie, Esq., do.	...	...	...	...	...	...
Robert Walker, Esq., do.	...	...	...	...	...	...
Thomas Napier, Esq., do.	...	...	...	...	...	...
Thomas Middleton, Esq., do.	...	...	...	...	...	...
Francis B. Paton, Esq. of Aucharroch	...	...	...	...	...	...
The Rev. William Pollock, St Peter's Episcopal Chapel	...	...	...	...	...	...
Mr Thomas Crookshank, Glenskenno	...	...	...	...	...	...
Mrs George Gordon, Montrose	...	...	...	...	...	...
Mr David Smith, do.	...	...	...	...	...	...
Thomas Kerr, Esq., do.	...	...	...	...	...	...
Mr James Adams, do.	...	...	...	...	...	...
James Smith, Esq., R.N., do.	...	...	...	...	...	...
Miss Lyall of Gardyne, do.	...	...	...	...	...	...
John Boyd, Esq., do.	...	...	...	...	...	...
David Greig, Esq., do.	...	...	...	...	...	...
The Misses Walker, do.	...	...	...	...	...	...
Adam Norrie, Esq., New York	...	...	...	...	...	...
Robert H. Arkley, Esq., Dunninald	...	...	...	...	...	...
Mrs Keith of Usan, Middleton House	...	...	...	...	...	...
C. H. Millar, Esq., Montrose	...	...	...	...	...	...
Edward Millar, Esq., do.	...	...	...	...	...	...
William Millar, Esq., London	...	...	...	...	...	...
James Savege, Esq., Montrose	...	...	...	...	...	...
Robert Smart, Esq. of Cononsyth	...	...	...	...	...	...
George Largie, Esq., Montrose	...	...	...	...	...	...
Thomas Renny Tailyour, Esq. of Borrowfield	...	...	...	...	...	...
X.Y.Z. ...	...	...	...	...	...	...
Robert Cooke, Esq., Montrose	...	...	...	...	...	...
Messrs M'Kenzie & Reid, do.	...	...	...	...	...	...
Mr W. S. Whimster, do.	...	...	...	...	...	...
Mr William Mitchell, do.	...	...	...	...	...	...
Robert Burness, Esq., do.	...	...	...	...	...	...
Captain Archibald Macneill, Montrose	...	...	...	...	...	...
Dr Joseph Glen, London	...	...	...	...	...	...
A Friend, per Dr Smith	...	...	...	...	...	...
Mr Alexander Watt, Montrose	...	...	...	...	...	...
A Friend, through the Post Office	...	...	...	...	...	...
John Gordon, Esq. of Charleton	...	...	...	...	...	...
The Shipmasters of Montrose, and Friends	...	...	...	...	...	...
Barron Grahame, Esq. of Morpie	...	...	...	...	...	...
Mr David Sutherland, Montrose (for damage committed by two tradesmen),	...	...	...	...	...	...
James Mudie, Esq., Montrose	...	...	...	...	...	...
Hercules Scott, Esq. of Brotherton	...	...	...	...	...	...
Mrs Hercules Scott of Brotherton	...	...	...	...	...	...
A Friend	...	...	...	...	...	...
Miss Glegg, Montrose	...	...	...	...	...	...
Mrs Arkley of Inchbrayock	...	...	...	...	...	...
Miss Arkley, do.	...	...	...	...	...	...
George Ruxton, Esq., Liverpool	...	...	...	...	...	...
Mr Alexander, junior, Fasque	...	...	...	...	...	...
					245	7 6
					150	0 0
The Annual Donation from the Managers of the Lunatic Asylum ...	...	...	...	...		
					£585	12 2
Total Donations at 2d June, 1862 ...	...	...	...	...		

## LEGACY.

A third of  $\frac{1}{3}$  of the estate of the late Mrs Jean Milne or Thomson, widow of the late Mr John Thomson, tenant in Glenskenno (less legacy duty and expenses), ... £88 6 3

E.E.      DAVID HILL, }  
             G. C. CHALMERS, } Joint Treasurers.