

Public (1895) Department.

ORDINARY MS.

G.O., No. 989.

Dated 2^d Dec: 1895

INDEXED.

[Despatch Abstract.]

HOSPITALS.

Recording, with remarks, letter from the Surgeon-General submitting report on the comparative cost of working certain----in Madras and Calcutta during the year 1893.

BACK PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

FURTHER PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.
	See para 2 (d) of S. G. G. K. letter No 208/22/8/26 in C No 2041 of 96						

Public (1895) DEPARTMENT.

From

SURGN.-MAJOR-GEN. C. SIBTHORPE, F.R.C.P.I.,

SURGEON-GENERAL WITH THE

GOVERNMENT OF MADRAS,

Madras

To

Presentable the Chief Secy Government

No. *2*

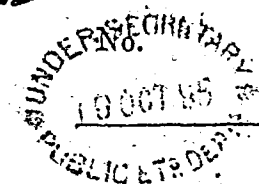
ENCLOSURES *17/4*

Dated

Received

13
19
Regd. 22

October 1895



Subject.

Submitting remarks on the comparative cost of working certain Hospitals in Madras and Calcutta during the year 1893.

*Put for 815-72-10 95 out
712-130728-895 out
341-24-5-95
114 710-2-93
Final 776-77 71-1-9.0 his abstract
linked with C No 3163 & 3675 795*

ENCLOSURE.
COMPARATIVE statement showing details of work done and expenditure.

1	2	3	4	5	6	7		8		Major surgical operations.	Patients under treatment for major operations on 1st January 1893.	Patients under treatment for major operations on 31st December 1893.	Number of major operations which proved fatal.
Presidency towns.	Population.	Number of patients treated.	Patients treated per cent of population.	Actual expenditure, excluding building charges.	Cost per 100 patients.	Establishment of all kinds.		Establishment, excluding Commissioned Officers.					
				RS.	RS. A. P.	RS.	RS. A. P.	Total cost.	Cost per 100 patients.				
Calcutta (excluding Howrah).	681,560	266,057	39.0	4,24,272	159 7 6	1,90,576	71 10 1	64,988	24 6 10	3,339	141	144	109
Madras (a)	452,518	94,145	20.8	2,57,306	273 4 11	98,334	104 7 2	50,711	53 13 10	3,302	115	101	110
Bombay (b)	821,764	105,848	12.9	3,96,528	374 9 11	2,41,765	228 6 6	70,610	66 11 4	2,475	32	52	96

(a) Excluding the figures of the Leprosy Hospital.
(b) Do. of the Homeless Leprosy Asylum.

A.
Comparative cost of working somewhat similar institutions in Calcutta and Madras in the year 1893

	B	C			D				E		F		G		H		
	Names of Hospitals	Number treated			Cost of Establishment				Average cost per 100 for total establishment	Cost of Bazaar Medicines	Average cost per 100 for Bazaar Medicines	Cost of European Medicines	Average Cost per 100 for European Medicines	Cost of Hospital necessaries and Miscellaneous	Average cost per 100 on Hospital necessaries and miscellaneous	Miscellaneous Charges	Average Cost per 100 for miscellaneous Charges.
		In-patients	Out-patients	Total	Medical Officers	Compounders	General Establishment	Total									
Calcutta	Medical College Hospitals with the ward for Ophthalmic cases, the Eden Lying-in Hospital the Egra Hospital for Jews and Chowree Dal Seals Dispensary.	7025	54091	61,116	31212-12-0	2088-0-0	18226-7-8	51911-3-8	84-15-0	1081-13-10	2-1-5	10699-10-5	19-2-4	8719-7-9	15-8-6	24132-1-10	39-7-0
	Presidency General Hospital (no out-patients)	3063	"	3063	47142-1-9	491-8-3	12672-12-0	61306-6-10	1768-13-8	433-10-3	14-2-8	7607-8-5	248-6-2	2875-11-9	93-14-4	15746-9-9	494-8-0
	General Hospital with its out-patient Department	4490	49621	54111	(2) 10,771-2-0	19579-14-7	9042-13-3	39393-13-10	72-12-10	(1) 449-6-1	0-13-4	20547-6-9	37-15-7	14479-8-10	26-12-2	22031-2-6	(4) 40-11-5
Madras	Women & Children Hospital (no out-patients)	3542	"	3542	(3) 23616-3-7	1068-0-0	1982-0-0	26666-3-7	752-13-9	(1) 2154-12-11	60-13-4	2915-9-0	82-5-0	2967-11-10	83-12-9	3460-13-6	97-11-5
	Ophthalmic Hospital with its out-patient Department	1680	8307	9987	(2) 3,584-8-3	"	3710-0-0	7294-8-3	73-0-8	"	"	295-3-5	2-15-4	670-11-0	6-11-6	324-4-6	3-3-11
	Lying-in Hospital including the Gynaecological wards and the out-patient Dept. (Egmore Dispensary)	2321	23,533	25,854	(2) 7718-1-0	9135-11-7	4186-11-4	21040-7-11	81-6-1	(1) 2506-1-2	9-11-1	5202-9-9	20-1-11	5681-4-4	21-15-6	12177-7-9	(5) 47-1-7

- (1) Cost of Hospital necessaries and Miscellaneous have been included under Bazaar Medicines, hence the increase under this head.
- (2) Does not include the salaries of the Medical officers as they are debited in tot to the Medical College.
- (3) Includes the pay and Compensation allowance of the Medical officers.
- (4) Includes Rs 10,706-2-6 paid into treasury being recoveries from paying patients, sale of grass and wood from compound, fines on Contractors and servants.
- (5) Includes Rs 6921-15-0 being hospital stoppages paid into Treasury.

Coltman D.
Establishment
Calcutta

Medical College Hospital - It includes 1 Resident Physician, 2 Resident Surgeons, 1 Assistant Superintendent, 1 Apothecary, 1 Assistant Apothecary, 1 Assistant Surgeon, 1 Registrar, Compounders, Dressers, and Menial Servants.

Choonee Lal Seal's Dispensary - It includes Compounders and Menial Establishment

Presidency General Hospital - It includes 1 Surgeon Superintendent, 1 First President Surgeon, 1 Second President Surgeon, 1 Apothecary and Assistant Apothecaries, Compounders, Dressers, Clerks and Menial Servants

General Hospital - It includes, 1 Senior Apothecary, 6 Assistant Apothecaries, 2 Hospital Assistants, 1 Matron Superintendent, 18 Nurses, 3 Stewards, 3 Writers, 1 Store Keeper, 4 Compounders, 45 Menial Servants of Nursing Establishment, 14 of Stewards' Department and 40 of Conservancy Establishment.

Women and Children's Hospital - It includes 1 Brigade Surgeon Lieutenant Colonel, 1 First Grade Senior Apothecary, 1 First Grade Apothecary, 1 Civil Apothecary, 2 First Class Hospital Assistants, 4 Bonna Medical Pupils, 1 Store Keeper, 1 Steward and writer, 1 Matron, 1 East Indian Nurse, 5 Native Nurses (Ayahs), 1 Peon, 2 coolies, 1 Weighing man, 1 Cleaning woman, 1 Puckally, 2 Dhobies, 2 Cooks, 2 Sweepers, 3 Lascars, 2 male toties and 5 Female toties.

Ophthalmic Hospital - It includes 1 First Class Assistant Surgeon, 1 Second Class Hospital Assistant, 1 Third Class Hospital Assistant, 1 Writer, and Steward, 1 Storekeeper, 1 Linen woman, 1 Malabar Cook, 1 Peon, 1 First class cooly, 2 Second class coolies, 4 Third class coolies, 2 gardeners, 1 Water woman, 3 male toties, 3 Female toties, 1 Sweeper, 2 Dhobies, 2 Native Nurses - 1 European Ward Cook, 1 Weighman, 1 Cleaning man (Café ward), 1 Cook, 1 Male attendant, 1 Female attendant and one Waterman.

Lying

Madras

Lying-in Hospital

It includes 1 First grade Apothecary, 2 Civil Apothecaries, 3 Civil Apothecaries doing duty, 2 First Class Hospital Assistants, 1 Third Class Hospital Assistant, 2 Third Class Hospital Assistants doing duty, 1 Matron, 2 Assistant Matrons, 1 Head Nurse and Midwife, 1 Steward, 1 Clerk, 1 Storekeeper, 9 European Midwifery pupils, 7 Native Midwifery pupils, 3 Military Midwifery pupils, 9 European Nurse pupils, 2 Native Nurse pupils, 1 Dispensary Cook, 2 Native Nurses, 1 Head Native Nurse, 2 Peons, 7 Ayahs, 4 Dhobies, 1 Dhoby boy, 1 Musalchi, 1 Tailor woman, 4 gardeners, 8 Lascars, 2 European Cooks, 2 Native Cooks, 1 Water woman, 1 woman cook, 6 male toties and 16 Female toties

Medical College Hospital

It includes Municipal rates and taxes, lighting, burning and burying, Contingencies and Interest spent from different Charitable funds.

Presidency General Hospital

It includes Rates and taxes, Registers and forms, Sending sick men to Darjeeling, Funeral, Repairs to furniture, Lighting, Miscellaneous Permanent advance, Prince Ghulam Muhammad Trust Fund.

General Hospital

It includes Pankh-pulling, Sanitary and petty contingencies, Municipal taxes, Repairs of furniture, Extra servants, Funeral expenses, Service postage, Service telegrams, Other charges, Repairing cooking range, Receipts paid into bank

Women and Children's Hospital

It includes Miscellaneous Charges, including Registers and forms, Extra servants, Pankah coolies, Municipal taxes and cost of bedding and clothing

Ophthalmic Hospital

It includes Conservancy, Pankah coolies, Service postage, Service telegrams, Repairs of Furniture and Registers and forms.

Column H
Miscellaneous Charges
Calcutta

Madras

Madras { Lying in Hospital - It includes Contingencies, Registers and forms, House, water
and lighting Taxes, Hospital stoppages and Diploma
fees.

Clibthorpe

Surgeon Major-General
Surgeon-General with the Govt. of Madras

Per-

3.

25/5

B

Comparative Statement of Cost of working hospitals in Calcutta and Madras in the year 1893

Name of Hospitals	Total Expenditure	Cost per 100 of total Expenditure	Total cost of Bazaar Medicines	Cost per 100 patients	Total cost of Bazaar Medicines	Cost per 100 patients	Total cost of European Medicines	Cost per 100 patients
Medical College Hospital	149,870-6-1	249-1-1	1081-10-10	2-1-5	51,574-3-8	84-15-0	10,699-10-5	19-2-4
Chromwell's Dispensary	2350-3-10		194-4-11		381-0-0		1000-0-0	
Presidency General Hospital	128,695-7-5	4201-9-7	433-10-3	14-2-8	60,301-6-10	1968-13-8	7604-8-5	248-6-2
Chromwell Hospital	81,487-12-6	255-0-9	252-14-11	0-12-8	28,001-15-7	87-10-4	4748-12-7	14-13-10
Police Hospital	17,888-13-11	743-14-11	53-12-0	2-3-11	9,031-15-3	375-8-4	483-10-5	20-1-10
Major's Native Hospital								
Chandrasekhara Hospital								
Park Street Dispensary	56,453-7-5	38-1-0	1946-1-6	1-5-0	32,381-0-0	21-13-8	4,909-2-6	3-4-11
Chittam Dispensary								
St. Luke's Dispensary	2,685-2-0	26-1-7	181-0-9	1-12-2	158-0-0	15-6-4	886-6-6	8-9-10
Wharfedale Dispensary	11,925-12-4	133-12-10	13-2-6	0-2-4	734-13-0	82-7-3	1663-4-0	18-10-6
Raffles Victoria Hospital								
Total	266,657 4 51 364 1-6	169-10-5	4156-12-8	1-9-0	1,905-6-4	71-10-1	31,998-6-10	12-0-0
(1) Inclusive of 240 cases of No appreciable disease.								
General Hospital Madras	165,400-6-2	305-10-8	449-6-1	0-13-4	39,331-13-10	72-12-10	20,544-6-9	37-15-1
Women & Children Hospital	50,834-7-11	1604-9-5	2154-12-11	60-13-4	26,661-3-7	75-2-13-9	2915-9-0	82-5-1
Ophthalmic Hospital	17,436-10-10	174-9-6	"	"	72-8-3	73-0-8	295-3-5	2-15-4
Lying-in Hospital	74,237-9-4	287-2-3	2506-1-2	9-11-1	2104-7-11	81-6-1	5202-9-9	20-1-11
Voluntary General Hospital	12,500-15-10	1920-4-5	6-12-6	1-0-8	391-11-1	605-2-10	527-0-0	80-15-3
North Block Lane Dispensary	18,737-3-4	44-6-2	0-14-6	0-8-4	7-11	7-11	2-10-4	
Native Infirmary								
Pamasastry Lying-in Hospital	8298-0-3	969-6-3	"	"	59-14-2	691-11-3	"	"
Frederick Dispensary and Royal Hospital	13,504-4-4	43-15-11	32-9-4	0-1-9	523-11-8	17-2-1	3428-6-10	11-2-8
Total	167,911 366 949 8-0	218-8-7	5150-8-6	3-1-1	11354-14-5	67-9-11	36,993-15-1	22-0-6

Madras
13 October 1895

C. S. S. S.

Surgeon-Major-General

Surgeon-Major-General with the Govt. of Madras

(1) Cost of Hospital necessities and Miscellaneous have been included under Bazaar Medicines; hence the increase under this head.

(2) Does not include the Salaries of Medical Officers as they are debited in toto to the Medical College.

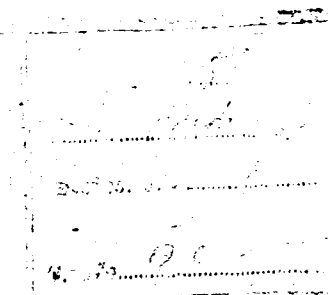
(3) Includes the pay and compensation allowance of the Medical Officers.

C
Comparative cost of working somewhat similar institutions in Calcutta and Madras in the year 1893.

	Names of Hospitals	Number treated			Cost of Establishment			Total	Average Cost for 100 on total establish-ment.	Cost of Bazaar Medicines.	Average Cost for 100 on Bazaar Medicines	Cost of European Medicines	Average Cost for 100 on European Medicines	Miscellaneous Charges	Average Cost for 100 on Miscel-laneous Charges
		In-Patients	Out-Patients	Total.	Medical Officers	Compounders	Mena Establishment								
Calcutta	Campbell Hospital	9384	22566	31950	10812. 11. 5	4628. 5. 6	12561. 14. 7	2802. 15. 7	87. 10. 4	252. 14. 11	0. 12. 8	4748. 12. 7	14. 13. 10	9960. 14. 0	31. 2. 10
Madras	Native Infirmary and														
	North Black Town Dispensary	3938	39134	43072	6880. 12. 4		3571. 9. 7	9952. 6. 1	23. 1. 9	0. 14. 6	0. 0. 20	4077. 11. 4	9. 7. 6	4199. 4. 8	9. 12. 0
	Pamasaamy Lying-in Hosp.														

Madras
13th October 1895

P. Pitt Rivers
Surgeon-Major-General
and Surgeon-General with Govt. of Madras



No. *June 2*
17
Encl.

From

SURGEON-MAJOR-GENERAL F. SIBTHORPE, F.R.C.P.J.

SURGEON-GENERAL WITH THE

GOVERNMENT OF MADRAS,

Madras,

To:

THE HONOURABLE THE CHIEF SECRETARY TO GOVERNMENT,

Public. DEPARTMENT.

SIR,

With reference to G.O. No. 341
Public dated the 4 May 1895, I now
attach a statement (Appendix A) which
shows the comparative cost of working
the hospitals in Calcutta and Madras
during the year 1893, as shown by the
annual Reports on the Presidency
medical Institutions in Calcutta and
the Presidency State Hospitals in Madras
for that year. The statement appears to
show that the management in Madras
during that year was on the whole more
economical than in Calcutta and the
fallacy of attempting to compare the
cost per hundred of patients treated
when comparing hospitals, which have a
small inpatient and a large out
patient attendance or have no in
patients.

patients at all or where the salaries of the Commissioned Medical Officers in charge are partially or wholly charged to the hospital.

2. As I was directed to select the hospitals in Calcutta, which corresponded with those in Madras, I now attach a statement (appendix B) showing the respective figures of expenditure in those hospitals, which I consider it possible to compare, though the comparison can never be an accurate one, as a glance at the foot notes will show.

The Medical College Hospital, with its attached institutions, is the great clinical hospital of Calcutta. The Presidency General Hospital, Calcutta, deals with Europeans alone.

The four hospitals in Madras treat the same class of cases as are dealt with in above hospitals in Calcutta. It will be seen from the figures in this statement that the Madras hospitals were, as a rule, more economically managed all round but the diversity in keeping the accounts of all those institutions prevents any close comparison being made.

appendix

Appendix C shows the figures from the hospitals for natives in each town which are the clinical hospitals for teaching the hospital assistants class. These figures also show a more economical management in Madras.

3. With reference to para 2 of the G.O., it has been the custom in Madras, since G.O. No. 114. Public dated the 10th February 1893, to include only the—

- (1) General Hospital and its out-patient Department.
- (2) The Lying-in Hospital and Egmore Dispensary
- (3) The Ophthalmic Hospital and Dispensary.
- (4) The Women and Children Hospital.
- (5) The Voluntary General Hospital
- (6) The Leper Hospital.

in

in the annual report on the Presidency State hospitals.

The Lock hospital in Calcutta, which corresponds with the Voluntary General hospital in Madras, does not find any place in the annual Report on the Calcutta Medical Institutions.

4. With reference to para 3 of the G.O., I referred it to the Inspector General of Civil Hospitals, Bengal, and the following is his reply:-

The following figures quoted by you represent grant under contract contingencies and do not include the cost of nursing establishment.

"Medical College Hospital Rs 14,700

"General Hospital ----- Rs 12,000

"Campbell Hospital --- Rs 11,000

2. The cost of nursing in the Medical College and the Presidency General Hospital is disbursed by the
Honorary

to the nurses come out from home it is believed they are not locally trained.

"Honorary Secretary to the Hospital Nurses Institution at Calcutta, to whom a grant is given by Government and who supplies trained nurses to those institutions. As the Hospital authorities have nothing to do with their pays, the expenditure under this head is not shown in the accounts of 1893 of these institutions.

3. Nurses are also employed in the Campbell Hospital and Howrah Hospital but they are unconnected with the Hospital Nurses Institution. The cost of nursing in these hospitals is included under the heading 'Com-pounders, Dressers &c.'

5. With reference to para 4 of the G.O., I also referred the question of what system was in force in Calcutta for the supply of instruments and the debit of their cost
the

the following is the reply of the Inspector General of Civil Hospitals, Bengal. "The figures shown under the head of European medicines in the Cash Statement include the cost of medicines as well as of Surgical instruments and 'Appliances.' The same procedure is carried out in Madras. In my opinion the heading should be explained in a foot note under the following heads.

- (a) Cost of European Medicines
- (b) Cost of Surgical Instruments
- (c) Cost of Surgical Appliances
- (d) Repairs of Surgical Instruments
- (e) Repairs of Surgical Appliances.

The heading is misleading as it is.

b. Regarding the steps taken for improving the check on diets and other expenditure, I have done all I can, with my present inadequate Establishment, to see that no unauthorised articles are sanctioned from my office without my

my own orders and that the bills are checked as thoroughly as possible but I do not see any prospect of great improvement until the final orders of Government have been received on my letter No. 405 dated 23rd September 1895 on this subject and I have been able to see them carried out.

C No 3163 in penul-
bier Court records
with C.

Disbursed by
G.O. 341 D 4-5-95

7. I return a printed copy of my letter No. 242 dated the 7th March 1895 with all the errors corrected in red ink.

8. The pay of the Medical officers has not been included in the Establishment of the Dying-in-Hospital, Ophthalmic Hospital, and General Hospital, as all the salaries of these officers are charged to the Medical College under G. O. No. 776 Financial dated the 1st November

abstract sent up
to with Med. College
re-organisation file

1890.

I have the honor to be,
Sir,

Your most obedient servant

C. V. S. S. S.

Surgeon Major-General

Surgeon-General with Govt. of Madras

Shurt

C. No. 3515 Public

For Orders

This is the Surgeon-General's reply to G.O. 341 Pub-d/4th May 1895. It was received on the 19th October and referenced shortly afterwards, since when it has had to lie over to make way for more pressing work.

The Surgeon-General has made an endeavour to institute a comparison between the cost of medl institutions in Calcutta & in Madras. But it is submitted that the varied circumstances and rules militate against any useful deduction from it being made.

In regard to the cost of Establishments, any comparison is vitiated by the fact that the salaries of the Medl. Officers at the Genl., Ophthalmic and Lying-in Hospitals are debited in full to the Medical College.

The very high figures quoted all through for the Presidency Genl. Hosp. Calcutta are due to the fact that it receives only Europeans & has no

out-

In Calcutta they charge in the same way receipts for 3 Res. Physicians & Surgeons in Rs 450 each in the Medl. College Hospital. M

In this case, 3 medl officers on Rs 1250, 900 & 800 are charged to the Hospital. M

out-patients.

It is not proposed to remark on any of the details furnished for the Madras institutions, as they have already been dealt with by foot.

The expenditure on bazaar medicines is a matter to which the attention of foot has been recently directed. ^{The} figures in column E of Statement A however do not enable a correct comparison to be arrived at, for those of the Madras institutions include "hospital necessities" and "miscellanies" without details. So also with European medicines in column F, for it appears from para 5 of the current that expenditure on the purchase & repair of instruments is lumped with the cost of medicines.

The expression "Contract-Continuities" quoted in para 4, as used by the Inspector Genl of Civil Hospitals Bengal, ^{applies to lump sum grants without details.} ~~comprehends~~ It is not used here. (vide Art. 82 S. C. A. Code)

a receipt in?

I understand this

It has been ascertained from a resident of Calcutta that the Hospital Nurses' Institution there is a private one & that they undertake to supply Hospital nurses in consideration of a yearly lump sum grant from Govt. The nurses are, it is understood, all Europeans & come out under short agreements.

The footnote explanatory of the heading "Cost of European medicines" which is suggested in para 5 ^{of the current} would render the returns more intelligible.

The question of Establishment referred to in para 6 of the current is dealt with by the S.G. in his letter forwarding the report of the Special Diet Committee.

It will be seen from Stat. C that the expenditure on European medicines in the Black Town Dispensary: Infirmary: & dying-in - was Rs. 4078 and on bazaar medicines 0.14.6! There is either some

blunder or something wrong about -
3819
20.11.95. This

Have this but have
no had him
attend both

Evidently - But the S.G. now makes out a better case than he did before.
23/11/95

21/11/95

J.O. No 989 d/2 Dec '95

mis Recorded info the

2. The footnote explanatory of the remarks that the Surgeon General's heading "cost of European medicines has made out a better case which is suggested in para: 5 of the letter would render the return ~~be at first~~ more intelligible.

#3. The attention of the Surgeon General will be invited to the fact that the expenditure on European medicines in the Black Town Dispensary, the Native Infirmary and the Rameswari Dying-in Hospital is ^{shown} ~~given~~ in Statement C ^{to have been} as Rs 4078, while that on ^{only} ~~some~~ medicines was Rs. 14. 6. The ^{there} ~~is~~ ^{apparently} ~~is~~ ^{some error} ~~in the figures.~~

from Orders

L.P.

29/11/95

Obd 3/12/95 - 27.11.95

2. The Surgeon General's report 7/12

Cost of Mechanical Filatures

When given for copying _____
When copied _____
When examined _____
When signed _____

189

READ AGAIN G.O., No.
189

DATED

CURRENT No.

ENCLOSURES TO C. No.

ORDER OF GOVERNMENT

A A A A A A A

LETTER OF GOVERNMENT

STATEMENT WITH DITTO

PAPERS NOT FILED UP, BEING MEANT FOR DESPATCH
ON ORIGINAL

N.B.:-

A = Copy in full.
B = Not to be copied.
P = Copy abstract only.
Q = Copy heading only.