

Miscellaneous Reports

Publication/Creation

1842-1843

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MEMORANDUM

THE WELLCOME TRUST
THE WELLCOME INSTITUTE FOR THE
HISTORY OF MEDICINE

FROM

TO

date

your memo dated

ref.

Notes re fatal flayings in 1824 removed to Section 1A

Notes

(21 in Garrison)

BRR3/1a

In his annual report for 1824 Staff Surgeon Elliot observes that diseases of the mucous tissues are apt to prevail and assume an Epidemic character when the weather is wet and inclement - and that ophthalmic affections occur after dry weather as was the case in 1823 -

admissions - 832 - deaths 32 - ratio of mortality to admissions 1 in 26 - or 3.7 per cent of the strength
Deaths by fever 1 in 12 - by dysentery 1 in 69 -

1825 - Dysenteric affections, and other Bowel Complaints prevailed to a great extent during the four quarters. In the treatment of these affections Dr Barclay the Surgeon of the 21st Fusiliers, was disappointed in the effects of Calomel, and really used it - Staff Surgeon Melville places entire trust in Calomel in the treatment of Dysenteric affections!

admissions 800 - deaths 34 - ratio of mortality to admissions 1 in 23.5 or 4.3
by Fever 1 in 11 - by Dysentery 1 in 16 (per cent of strength of Garrison)

1826 - admissions 656 - deaths 23 ratio of mortality to admissions 1 in 28.5
by fever 1 in 33.5 - by Dysentery 1 in 69.5. (5.3 per cent of strength of Garrison)

1827 - Admissions 483 - deaths 31 - proportion of deaths to admissions 1 in 15.6
or 6.3 per cent of the strength of the Garrison (27 Reg^t arrived from Demerara at the
commencement of this year)
By fever 1 in 26 - Dysentery 1 in 9 -

1828 admissions 517 deaths 13 - ratio of mortality to admissions 1 in 39.8
or 2.5 per cent of the strength of the Garrison (27 Reg^t in Garrison)
By fever 1 in 63 - by Dysentery 1 in 35 - Diarrhoea 1 in 5.7.

1829 - admissions 407 - deaths 11 - ratio of mortality to admissions 1 in 36.
or 2.7 per cent of the strength of the Garrison
By fever 1 in 20.5 - Dysentery 1 in 36 -

(27 Reg^t) The garrison this year had been three years in the country

1830 - admissions 449 - deaths 7 - ratio of mortality to admissions 1 in 64.1
or 1.5 per cent of the strength of the Garrison (19 Reg^t in Garrison had been in Barbadoes before)
Fever 1 in 19 - Dysentery no deaths

1831 - admissions 387 - deaths 9 - ratio of mortality to admissions 1 in 39 -
or 2.5 per cent of the strength of the Garrison
Fever 1 in 39 - Dysentery no deaths

1832 - admissions 393 - deaths 16 - ratio of mortality to admissions 1 in 24.6
or 4.1 per cent of the strength of the Garrison (Garrison 69 Reg^t from Ireland) -
Fever 1 in 20 - Dysentery 1 in 15 -

1833 - admissions 356 - deaths 12 - ratio of mortality to admissions 29.7
or 3.1 per cent of the strength of the Garrison (69 Reg^t in Garrison)
Fever 1 in 10 - Dysentery 1 in 42 -

2 Companies arrived the 1st Bannocks at old woman's point, and Staff Surgeon D'Arcy says fewer sick were admitted from them than from the Companies in Fort Charlotte
In June when the weather was remarkably fine - Dysentery prevailed this year

1834 - admissions 436 - Deaths 15 - Ratio of Mortality to admissions 1 in 29
 or 2.6 per cent of the strength of the Garrison
 From none Dysentery 1 in 16 (69th in Garrison)
 But Remarks at 0.16 point reported by D.L. as very healthy -

1835 - admissions 427 - Deaths 19 - Ratio of mortality to admissions 1 in 22.5
 or 3.3 per cent of the strength of the Garrison
 From 1 in 16 Dysentery 1 in 2 - Diarrhoea 1 in 16.1 (65th in Garrison)

1837 admissions 425 - deaths 22 - Ratio of mortality to admissions 1 in 19.3
 or 5.0 per cent (18th in Garrison)
 From 1 in 15.7 - Dysentery none Diarrhoea 1 in 31 - (65th in Garrison)
 (Mortality to strength of Garrison 9 per cent)

1838 - admissions 240 - Deaths 10 - Ratio of mortality to admissions 1 in 24
 or 4.2 per cent of Garrison
 From 1 in 12 - Dysentery 1 in 2 - Diarrhoea 1 in 42 - (74th in Garrison)

Insalubrity of the civil jail remarked on by Munn - J. H. D. Harrisville
 (Mortality to strength of Garrison 4 per cent)

1839 - admissions 669 - deaths 6 - Ratio 1 in 111.5 or 0.9 per cent
 From 1 in 99.3 - Dysentery 1 in 1 - (70th in Garrison)
 (Mortality to strength of Garrison 1.6 per cent)

1840 - 697 admissions deaths 80 - Ratio 1 in 8.7 - or 11.5 per cent
 From 1 in 5.6 - Dysentery 1 in 8 - (70th in Garrison)

Yellow fever prevailed extensively in the Garrison -
 men encamped on Leonard's ridge which arrested it.

The disease appeared first about the middle of March when one officer & 4 men died.
 It then subsided until the middle of April when it re-appeared and continued
 to ravage the Garrison until the middle of September when the epidemic ceased

Admissions	Strength	Table attacks	Deaths	(Mortality to strength of Garrison 23.5 per cent)
18 -	11	5		
Then	334	370 -	75 -	

1841 - admitted 337 - died 9 - Ratio of mortality to admissions 1 in 37.5 or 2.7 per cent
 From 1 in 25.5 - Dysentery 1 in 11 - Diarrhoea 1 in 17 - (52nd Regt in Garrison)
 Ophthalmia the most prevalent disease (Mortality to strength of Garrison 3 per cent)

1842 - Admitted 540 Died 25 - Ratio of mortality to admissions 1 in 21.6 or
 4.6 per cent
 From 1 in 13 Dysentery 1 in 18 - other bowel comp 1 in 13 1/4

An Epidemic yellow fever broke out in the 92nd Regt on the 11 Decr
 1841 and was arrested by encamping the men on Leonard's ridge on the
 20 of the same month - Dysentery prevailed epidemically in the summer
 (92nd in Garrison from April to 31 Decr - 41: 33rd from Jan^y to 31 March 1842
 (Mortality to strength of Garrison 7 per cent)

January 4th 1842. The Head quarters of the 33rd Reg^t arrived from Barbados in H.M.S. Cleopatra consisting of

8 Officers
216 Men
18 Women, including two officers ladies, &
34 Children, including 7 officers Children -

Jan^y 6th

The Head quarters of the 92nd embarked for Barbados in the Cleopatra
Consisting of -

7th Officers
164 Men
12 Women
34 Children

Leaving behind 1 - Officer and 68 men sick & convalescent
besides 7 women & 11 Children - 1 man died on the 11 Jan^y 5th (Age of 29 years & 22)

1 Officer 54 men. 7 women & 11 Children Embarked in H.M. Steamer
Finsbury January 31st to join the Head Quarters of their Regiment at Barbados
leaving sick men in Hospital - Bishop, and Gale died 10 Jan^y 5th 1842

February 1st a detachment of recruits, consisting of 1 Officer, & 20 men
joined the 33rd Reg^t from Cork; and 6 Convalescent from the Hospital
at Barbados.

The Head quarters of the 33rd were marched into Camp at Lombards
Ridge on their arrival, and remained there until the 1st Feb^r 5th
when 100 men were sent to occupy the Banacks in the
Citadel, and the remainder followed on the 9th of the
same month.

28 Feb^r The detach^t of artillery was ordered in from
Fort Dumfries to Fort Charlotte

15 March - Captain Bumbury, and two recruits of the 33rd Regiment
arrived from Barbados - one man, Rooney, was dangerously ill
when he landed - he was immediately admitted into Hospital, and
died in the course of the night -

1843- Admissions 574 mortality 7. Proportion of mortality to numbers treated 1 in 82 - or 2.1 per cent of strength of Garrison.

Fever 1 in 18.5 - Dysentery 1 in 5, together bowel complaints no deaths. The only two cases of fever that proved fatal this year were both landed ill from Barbados, and one of them had M. vomit and suppuration spread when he was admitted into hospital.

Ophthalmia prevailed in our Epidemic from during the whole year and 244 cases were admitted into hospital -

Garrison composed of the 33rd Reg^t from 1st April 1842 to 16 Jan^y 1843 and of the 46th from 17 January to 31 March 1843 -

Return of Admissions and Deaths with notes on prevailing diseases from 1823 to 1841

Return of Admissions and Deaths in the Garrison Hospital
at St. Vincent from 21 Dec 1823 to 31 March 1841

Date	Average Strength of Garrison	Deaths	Invalids	Fever	Small Pox	Measles	Scarlet Fever	Dysentery	Diarrhoea	Other Diseases	Other Diseases	Other Diseases	Total Deaths		
To 21 Dec 1823	406	26	4	193	15	22	3	2	242	3	3	1	2	181	726
To 21 Dec 1824	478	32	4	222	17	27	1	61	4	243	3	6	3	1	832
To 20 Dec 1825	465	34	4	135	13	7	2	58	5	257	11	7	1	6	800
To 20 Dec 1826	436	23	-	134	4	9	3	80	7	153	2	3	-	4	656
To 20 Dec 1827	336	31	-	85	2	12	3	52	23	23	9	2	1	1	483
To 20 Dec 1828	340	13	-	190	3	5	2	49	2	105	5	2	0	2	517
To Dec 1829	300	11	-	82	4	7	2	41	1	143	3	-	-	-	407
To 31 Dec 1830	298	7	-	57	3	4	23	1	21	1	2	-	4	2	469
To 31 Dec 1831	310	9	-	116	3	3	1	49	3	45	-	4	-	-	357
To 31 Dec 1832	344	16	-	20	2	4	-	90	6	118	2	4	-	1	393
To 31 Dec 1833	379	12	4	20	2	2	-	84	4	66	2	6	-	1	375
To 31 Dec 1834	567	15	9	17	-	3	2	128	8	83	4	2	1	-	428
To 31 Dec 1835	568	19	20	32	1	2	-	75	6	134	7	6	-	1	427
To March 1837	453	22	14	47	6	2	1	73	18	122	5	7	3	-	425
To March 1838	245	10	-	12	1	7	-	32	3	79	5	3	1	-	4.1 per cent
To March 1839	376	6	5	296	3	6	-	33	2	212	1	10	-	-	1.6 per cent
To March 1840	340	80	-	428	75	-	-	26	3	84	2	2	-	-	23.53
To Mar 1841	302	9	-	47	1	3	-	50	5	42	3	2	-	-	3.00
To March 1842	349	25	2	131	13	4	1	40	1	159	6	13	1	57	14.9 per cent
To March 1843	323	7	7	38	2	3	-	26	3	92	2	-	-	-	7.3

Monthly Return of the Contents of the Tanks at Fort Charlotte, Dorsetshire Hill and Fort Duvernock

Royal Engineer Office Saint Vincent 1st August 1841

3823/20

No	Situations	Dimensions						Present		Increase	Decrease	Number of persons who daily draw	Number of days allowance in the works of the Tanks at 5 Gallons per day for each person	Remarks
		Length		Breadth		Depth		Contents						
		Ft	in	Ft	in	Ft	in	Gallons	Ft	in	Gallons	Return	Return	
<u>Fort Charlotte</u>														
1	Commanding Officers Quarters	9	4	8	in	8	2	3736	6	6	2073	745		
2	Resident Engineer Quarters	8	3	8	3	6	8	2730	5	3	2143		587	
3	Near the Mills House	7	6	7	6	6	8	2207	5		1722	574		
4	Artillery Officers Quarters	12	in	10	in	10	in	13430	7		9401	1343		
5	Artillery Barrack	9	in	7	in	7	6	3670	4	2	2150		622	
6	Lower Parade	29	in	12	in	12	in	25589	7	2	14324		2734	
7	Ditto - Ditto	29	in	12	in	12	in	25589	9		19191	15927		
8	Near Larsons Point	12	3	12	2	9	4	8823	6	3	5908	2600		
9	Hospital (old)	9	1	9	6	10	in	5287	2	3	1187	571		
10	Near old Woman's Point	8	in	7	1	8	in	3137	2	4	914		1438	
11	At the Ditto - Ditto - Ditto	23	6	10	in	10	in	14400	9		12060		240	
12	Ordnance Store	13	9	13	9	7	7	8785	3		3475	579		
13	Cast Iron Tank an octagon, whose side is 8 feet 7 inches	in	in	in	in	7	9	10112	1		1412	760		
<u>Dorsetshire Hill</u>														
14	Officers Tank	21	4	21	4	10	6	29282						
15	Soldiers Ditto	13	9	15	9	9	6	14400						No longer occupied as a Military post
<u>Fort Duvernock</u>														
16	Soldiers Tank	10	in	8	in	8	in	4117	6		3087			
											80847			

I Certify the water to be of good Quality

John Hall
Staff Surgeon

Sur. J. Thompson
Sur. J. Dwyer
2nd Regt. F. B. B.

Tank Return

3R23/2a

Book Return
Aug 1941

<u>Imp Charlotte</u>		<u>Cubical Content of each Room</u>
Casemated Barrack	1 st Floor	5100
Ditto	Ditto 2 nd " Ditto	5620
Artillery Barrack		10600
Infantry Quarters		3546
Garden Point		2316
{ No 1		11251.
{ No 2		10443.
{ No 3		9987

1 st May 1842 ^{BRR 3/2^c}		^{12^{mo}} Gallons
Commanding Officers	2401	2592
Resident Engineer	2320	2695
Mess House	86	-457
Artillery Officers g ^d	9824	8058
Barack	408	489
Lower Parade	18487	18418
Do. Do	18836	17059
Near Johnston's point	6302	6144
Old Hospital	—	528
Near Old Woman's point	522	1960
At Old Woman's point	5886	2640
Ordnance Store	965	579
Iron Tank	1739	1304
Fort Duvallet	2058	3087
	<u>69828</u>	<u>66010</u>

or 72 days
Consumption

478. persons drawing Water

73 Days allowance in the
Tanks at present

Note

Tanks and persons drawing water from them
at Fort Charlotte in St Vincent. Surgeon
Dugdale 23rd Feb. had reported a deficiency of
water which rendered this inquiry necessary

000

$$\begin{array}{r} 2375 \\ \hline 263.8 \end{array}$$

Tanks at Fort Charlotte St Vincent
and their supply of water on the ¹¹/₅₅
15th of May 1842 - and 15th of June 1842 ³³/₈₈
240 $\overline{) 689.00}$ (287 ⁷⁷/₇₇)

This Statement was given in the
Sanitary Report in Explanation of
a Statement made by Surgeon
Dysdale of the 33rd Regt in his
Sanitary Report of a want of water
in the garrison, and consequent
sickness amongst the men from
that cause.

$$\begin{array}{r} 219 \overline{) 689.00} \\ \underline{657} \\ 320 \\ \underline{219} \\ 1010 \end{array}$$

To Make S.S.

Diary of medical occurrences in the garrison of
Fort Charlotte St Vincent

July 17th 1842. Ophthalmia which had decreased in the
garrison towards the end of June, has been on
the increase again within the last week or ten days, and
in the weekly state of this morning 30 cases were returned
under treatment in Hospital - Some of the late admissions
are recent cases and there is considerable chemosis &
Edema of the lids. One case, that of Corporal Callaghan,
has elevation of the upper part of the right lower eyelid
nearly into the anterior chamber. The disease affects both eyes
and is attended with purulent discharge, and great chemosis.
Scurvy does not improve much; but Corporal Smith
is getting better. The strong solution of nitrate of silver
appears to do harm in all the recent cases. & I begin
to think it is of questionable utility at any period of the
disease - a man of the name of Clarke has great Edema of the right
upper eyelid, and inflammation of both.

Several cases of bowel disease have been admitted
this month and two or three of them have assumed a
Dysenteric form -

July 18th - 41 men in Hospital - one fresh case of ophthalmia admitted -

Callaghan better - He thus not improved - Mc Mahon whose
eyelids were bound and the conjunctiva of the ball chemosed
has commenced the application of salt & brandy to the eyelids -
but he continues the poultice lotion, & has since dripped into
the eye night & morn^g - which is giving some of the leucoidia
a fair trial, and prevents any discharges from being drawn into their
whirl -

July 21 - Eye cases stationary - Standfield's right eye worse the pupil is
drawn out of its place & contracted and fear vision will be impaired -
Callaghan's eyes rather better - Scurvy rather improved - Smith the same
Mc Mahon no better. The cases of Bowel Complaints are doing
well.

July 23. Visited the hospital this morning for Surgeon Dwydale
who has gone on a fishing excursion - no admissions
to day - Stansfield's eyes worse vision of the right nearly gone -
Callaghan's eyes better - Stephenson's eyes worse - Newell's no
better - Kearney the same - McMahon Stationary - Clarke
worse, vaccinated Pustules barely to day from Glasgow -

26 - Iris of Stansfield's right eye protruding and vision
nearly destroyed - left eye worse - Callaghan better - Clarke
Newell worse - Stephenson rather better - Kearney
the same - McMahon better - Three or four fresh
admissions since the 23rd also encephalitis -

The vaccination has failed in Pustules' Child,

28 - Stansfield no better - Callaghan & Stephenson improved
McMahon better - Duffield's right eye much worse there
is an ulcer on it surrounded by a disorganization of the cornea
as if it were about to burst - Newell no better - Clarke no better
Kearney the same - McMahon's left eye worse -

Today Major Whannell applied for relief - he has had a stricture
for a length of time and now he suffers his urine gushing -

Failed in passing the smallest bougie into the bladder -

29 - Altho no force was used yesterday in attempting
to pass the bougie, the effort produced some irritation
in the urethra and added to the difficulty of introduction -
nothing attempted to day - He has a stricture anterior
to the sinus of the bulb - and the membranes just seem
much contracted - When it fibrillar about two years ago
he was as bad as he is now but after some time
a small catheter was introduced and afterwards Nos 3 & 4
were got into the bladder without difficulty - but the case
has been neglected for many months & matters are
now worse than ever -

p. 2. BRR 3/3

1 August. Vision of Stansfeld's right eye destroyed - left better -
Callaghan improved - Newitt worse - Hopkinson & McMahon better -
Kearney rather better - Kilgarn better - Duffield improved -
Tried to introduce a small gum Elastic Catheter into Major Whannel's
bladder but could not accomplish it - The former effort
produced some irritation -

Aug. 2? Attended at the Hospital for Dr Drysdale - After some
time obtained a view of Clarke's Wound the upper part of which
is red colored & ulcerated - has been using Iodine ointment
to the lids and the 10 grain solution. To have Birkhead & use
an operation -

Newitt worse - has blennorrhoea on both cornea lids much swollen -

Stansfeld the same - Callaghan's right eye not so well -

Duffield the same - Kearney & Gentles not improved -
McMahon worse

4 Aug. Stansfeld - Newitt & Duffield the same - Callaghan's eye better
Clarke better - McMahon better - Kearney & Gentles the same

Taped a small wound on the Major Whannel's structure -
Gent has attacked his foot -

6th - Stansfeld rather better - Newitt the same - Callaghan's
right eye worse - Duffield & Kearney rather better - McMahon
Gentles the same - Clarke rather improved -

visited the Hospital for Drysdale - Manton, a case of
Pneumonia not improved - called up to see Dr Drysdale last night who is
in a state of great debility from diarrhoea and hemorrhage during her confinement -

7. Manton better - Ophthalmia cases the same. Then came perhaps a case?
Major Whannel's foot rather better - Mrs Drysdale low and weak after her
confinement - much annoyed by diarrhoea -

8. Mrs Drysdale no better - Whannel improved visited the Hosp
in the eve for Drysdale -

9 - Mrs Drysdale's symptoms bordering on the delirium gravior
visited the Hosp for Drysdale - Cases doing well -
Whannel nearly well -

11 - visited the Hospital for Drysdale. Newitt worse - Stansfeld the same
Clarke rather better - Callaghan the same - Kearney better - Gentles the same
McMahon stationary - Birkhead not improved - Duffield the same -
Gent worse. Delirium increasing rapidly - diarrhoea troublesome

12. Dysdals wife very low this morn^g her diarrhoea has been arrested for the present by an opiate Enema -

Leaves died at half past four this morn^g -

Robinson, case of Dysentery - Enteric - Brown complains of shooting pain in his left ^{kidney} - Case of diarrhoea attended with vomiting admitted
Ophthalmic cases on the mend. with the exception of Hewitt and Kikens whose eyes are not quite so much today -

13. Mrs Dysdale better and Mr Dysdale will be able to resume his hospital duty this morn^g - Kidney better - Robinson much better. Brown perforce pain fever - a case of Cholera (Haskitt 1st W.I.) admitted this morning. Ophthalmic cases all better to day -

14. Haskitt better, but another man of the 15th W.I. of the name of Stevenson was attacked with Cholera on Friday at 12 o'clock last night and is still very ill. tongue cold. pulse quick & feeble. vomiting purging and thirst -

Kidney - Robinson & Brown - Convalescent - a man of the 33rd admitted yesterday afternoon with Bunch croup - better to day - Ophthalmic cases. the same - Mrs Dysdale doing well -

15 Haskitt doing well - Stevenson still in a state of collapse - a man of the 33rd nearly convalescent from his bunch attack. Eye cases in statu quo -

4 P.M. - sent for to see gunsmiths Oldershaw who had fallen down a bank in the rear of his quarters 20 feet high, and pitched on the right side of his head on the road below - had concussion, but is now conscious - Eyes natural - pulse moderate -

7 P.M. - sent for again to see Oldershaw & found him insensible with stertorous breathing - his right pupil dilated & his left contracted but both insensible to light - pulse 72. without much force - Remedies applied unavailingly. Sat up with him until 1/2 past five in the morn^g when he expired -

17. Stevenson, the case of Cholera of the 1st W. India better today -

The remains of Mr Oldershaw were interred with military honours in the churchyard of Kingsbury at 7 P.M. - nearly half the colored population of the town must have been present -

18. August. Cases in Hospital are doing well - One
poor case of ophthalmia admitted yesterday - ^{p.3.} Oakes, ^{BRR3/3}

20. Cases of ophthalmia Stationary - others doing well -

21. Mrs Drysdale not quite so well to day. Sent for to see Captain
Robinson's child. who has got fever -

22. Mrs D's mind is rather unsettled since her illness but all her
illusions are of a pleasant & harmless nature -

Captain Robinson's child convalescent -

Eye cases in the hospital not much improved - Bland com-
plaints doing well -

25 Eye cases worse - Borden has an ulcer on his left eye -
Jerman has an ulcer also on his left cornea - Hewitt's eyes worse -
McMahon the same - Duffell rather better - Kearney & Smith
improved - The others much the same -

Mrs Drysdale rather better - illusions continue - She imagines that
Drysdale is a Royal Duke, and that same her father - She has
enriched a week for money and within the few last days has decked
herself out with all her jewels and best dresses -

26 - Saw one of the ophthalmia cases in Hospital was attacked
with symptoms of Cholera about 7 o'clock yesterday evening -
Reaction has taken place and he is doing well -

Ophthalmia patients much the same as yesterday -

Mrs Drysdale rather better today

27 - Cases in Hospital the same - Cholera case convalescent

29 - Ophthalmia cases in general better - few admissions

Mrs Drysdale improving hallucinations less -

1 September - Oakes's right eye much worse there is protrusion
of the Iris at the upper part of the cornea -

Jerman's eyes worse ulceration of the left cornea & protrusion
of the Iris - Hewitt the same - Culpeper better - Thompson
& Clark improved - Kearney & Smith's better - Shindler
& McMahon better - Duffell has ulceration of the left cornea
no admissions today -

Oct 3 September - Oakley & Jarman the Iris protruding to a considerable extent and vision of few miles distant Jarman's Eye also is worse, and vision is in much danger the Iris protruding already - Duffield Eye better Field's worse - The others all improving -

Jackson, a man of the 13th Regt India admitted with Cholera - complaining of pain in his stomach and has been vomiting - Turpentine & Opium to be applied -

5 September - Fields and Jarman rather better admission appears to have taken place between the Iris and Cornea in Jarman's Eye - Newitt worse, there is much irritation, and Mr. Drysdale has commenced using a strong solution of Opium - Stensfield better Oakley has great protrusion of the Iris and with loss his right Eye - Callaghan worse both Eyes inflamed again & he is confined to bed - Kearney rather better - Huncheliff the same - Duffield better - Gentles worse - Keane better - Jackson the man of the 11th S. Regt. Convalescent - Three cases of relapse, 6th to 8th, under observation and ought to be admitted -

There is a report in the garrison, received via Dominica, that Yellow Fever has made its appearance in the detach^t of the 33rd regiment at St. Lucia, and that several men have died -

The Steamer which arrived here on the 5th of the 3rd from Demerara brings word that fever is raging also amongst the men of the 47th in garrison there -

6 September - Oakley the same - Newitt rather worse - Callaghan no better - Jarman & Field the same - Kearney the same - Huncheliff worse - Duffield the same - Keane worse - Gentles the same - The other cases all doing well -

7th Oakley & Jarman the same - Newitt worse - Callaghan better - Huncheliff rather better - Duffield the same - Keane - Gentles & Kearney rather better - The other cases doing well -

9th Oakley & Jarman the same - Newitt better - Callaghan improving Duffield the same - Keane eye clear - Gentles & Kearney the same - Other cases doing well - Case of Dysentery (boy Thompson of the Band) admitted today

September 10th - Jarman's Eye rather improved, others worse the
his pretenses more and vision still, I fear, he seriously impaired
if not lost altogether - Hewitt no better - Kearney, Guthrie &
Duffield the same - Grickeliffe rather better - Kilearn's Eye clear
again, this man, I fear, is beginning to tamper with his eyes with
a view of getting home -

Thompson, the boy with Dysentery, is passing blood, and his case, if not
looked after, may prove a serious one as he is delicate, and growing
rapidly -

Sept: 12 - Jarman's Eye the same - others worse - Hewitt
the same - The others rather improved -

Thompson the same -

14 - Jarman's Eye not improved - Others not doing well - Hewitt
complains of great pain - he has been using dilute citric acid with
a preparation of morphia in it, which seems to be producing much irritation
Directed the Eyes to be bathed with an Infusion of Catkins with 3 grains of
opium to the 8th to allay the irritation and subside the chronic
inflammation of the Eyelids - The other cases, with the exception of Grickeliffe,
on the mend - Thompson, much better -

15 - Jarman, Baker and Hewitt rather better to day - Thompson
Convalescent. Surg: Parnell who was in hospital for an
obscure chest affection, was seized last night, after having been
a good deal purged in the course of the day, with severe
dyspnoea which continued some time and alarmed him
very much. To day his better this breathing easy - He
has suffered some pain in the shoulder and thro' under the
right Scapula for some time past; and there is reason
to fear that his Liver is implicated in the disease -

17 - Thomas & Banner are admitted with inflammation of both
Eyes - Banner was down with the Band at the Theatre on the night
of the 15th and Thomas is employed as kept waiter - Hewitt no
better - Jarman & Baker the same - The other Ophthalmic
cases rather improved - Surg: Parnell better -

Thompson Convalescent -

19th Sept. - Jarman - Hewitt & Oakley rather better - The other cases of Aphthemia nearly the same as when reported on last - with the exception of Thomas who is rather worse. discharge from his eyes purulent - St. Sam's not quite so well. He had a vision of the dyspnoea last night, and is purer today. bowels relaxed. motions thin and foetid.

22 Sept. Jarman - Hewitt & Oakley the same - Callaghan's left eye worse. Thomas' eyes rather better - Smith's eyes not so well. The other cases much the same. One pink case Satchell of the fundus admitted -

St. Sam's better -

24. Jarman & Oakley much the same. Callaghan worse - Hewitt not improved - Thomas' left eye much worse, there is ulceration of the cornea and the organ is in much danger - Smith worse. Satchell not improved - Kearsney & Amick better - Duffield the same - McMahon attacked with Bowel Complaint yesterday eye the same - Other Aphthemia cases doing well -

St. Sam's improved -

26. Jarman - Oakley - Callaghan & Hewitt the same - Thomas not improved - Satchell - Amick & Smith not improved - Shaughrissy re-admitted with ulceration & discolouration of the cornea of the right eye - Duffield better. McMahon better of his bowels complaint, but his eye is not improved

28 Discharged the Hosp. Cases much the same -

30 - Jarman rather better - Hewitt - nearly blind - Oakley rather better. Callaghan the same - Shaughrissy the same - Kearsney - Amick. McMahon & Satchell the same. Smith not improved - Thomas - vision of left eye gone.

October 3 - Visited the Hospital - Jarman and Coker the same - Callaghan better - Hewitt asleep - Shaughrissy not improved. There is an ulcer at the upper part of the right cornea, and effusion of lymph between the lamellae of the cornea extending half way over it - Kearney the same - Skirchcliffe - Guther - Mc Mahon - Thomas - Duffield & Pickles better - Hewitt & Guther have had lotions put in their eyes Mc Mahon & Skirchcliffe & Law have had Castor oil applied in powder to their eyes to day and the lids covered with lint.

October 7 - Jarman and Coker on the mend - Callaghan better - Hewitt in great pain with his left eye fungous excrescence from the ulcer on the cornea - has had a lotion put in his eye, and extract of Belladonna plastered on the palpebrae right & left by Simpson - the other. Shaughrissy worse - sight of right eye in danger from the ulcer at its upper part, this a fresh case admitted yesterday - Kearney the same - Skirchcliffe not improved. Belladonna eye drops - Guther the same Ext. of Belladonna app. - Mc Mahon & Coker - Thomas' eyes bad, but vision of the left is nearly destroyed - Pickles the same -

The Castor oil remedy seems to have done no good nor could it reasonably be expected to. The principle on which it was applied was that of an absorbent & in diarrhoea! But as it could not with propriety be applied to the conjunctiva its virtues consist in keeping the eye quiet for a time and preventing the employment perhaps of more mischievous remedies -

Commissariat Clerk Norman - reported himself sick in the eve he complained of pain in his legs and arms, faintness & want of appetite - pulse quick skin covered with cold perspiration hands tremulous, says he has been restless and unable to sleep for some nights past and that his appetite failed him altogether to day - advised him to take a little food with some brandy in it at bedtime - Lins rather prof. Simpson - 8 - Says he slept after taking some arrow root & Brand

last night until within two hours of day break this morning - was sick at his stomach to day and brought up some bile. Took a Sudley powder after it which remained on his stomach but has not operated on his bowels yet 8 1/2 P.M. Complains still of pain in his limbs - tumor of hands increased - tongue slightly purplish - skin damp and cool. pulse reduced in frequency - no appetite for food, but complains of thirst -

This case urges on Delirium Tremens -

9. Better today -

10 - Gone to the office - the still complaining of pain, sweat
11 at the office again to day -

Mr Dwyer has lost his infant and requested me to see the men in hospital for him - Brown the recent case not improved cold water & Lister Emulsi mixture ordered for him - Jarman the same - Gallagher the same -

Newitt Lister - Baker the same - Law not improved Hapeman complaining of great pain in his eye - there is a small disposition of lymph opposite to the pupil - Diet Limered - F. E. mixture 3rd - Warm water to his eye -

Shanghaezy worse - Kearney the same - Amcliffe the same to get up - Smith the same - Duffield to get up Miller - McMahon - Thomas & Pickles the same - Redgate worse - F. E. mixture - Jones - J. - Blip the same -

12 - Dwyer's baby buried to day - visited the Hosp for him Brown rather better - Jarman not so much - Gallagher much better - Newitt & Baker the same - Law better - Hapeman still Shanghaezy agrees he has escaped the tumor is at least Kearney - Smith MacMahon - Miller - Duffield - Thomas & Pickles the same Amcliffe improved - Redgate & Lister still rather better - Blip the same - Jones much improved

17th Oct. - German Enteric. Newitt Enteric and the swelling of the
lids somewhat diminished. Oakes the same. Law & Hopkinson
better. Shughnessy right eye ^{day} better. Kearney Improved. Gentles the
same. Duffield improved - Miller worse. McMahon better -
Thomas discharged - Bliss better - Redgate much improved -

19 - Little change in any of the cases -

21 - Oakes worse - the others the same -

23 - No improvement - Surg^t Riley a pink case admi^d?
Demers a case of proptosis and had the gut down yesterday
to a considerable extent -

25 - Little improvement in any of the ophthalmic cases -

26 - The same - Drysdale's second chick very ill & likely to die
it has had prolonged teething diarrhoea, and is now anasarca,
and very weak -

27 - German not quite so well to day - Calverham rather better
Newitt the same. Oakes rather better. Law the same.
Shughnessy better. Kearney. Gentles - McMahon & Duffield the
same - Riley worse the eyelids much swollen. Band &
water poultice recommended to them -

29 - The same -

31 - German Enteric. Oakes do - Newitt the same. Calverham
better. Law the same. Shughnessy better. Kearney. Gentles &
McMahon the same. Riley much better. Amickeloffe improved -
Miller do - Duffield worse -

Nov 1 - Called to see Demers at fireplace who has considerable
proptosis of the Rectum. The proptosis had been reduced by
Surgeon Drysdale before my arrival - Drysdale's chick no better -
Surg^t Davis recovering

- 3 - The ophthalmic cases continue much in the same state -
One pink case admitted yesterday -

A case of Fever of the Bowels from presented itself when
I was at the Hospital (the subject brother of the Lt. Comdr)
He complained of nausea & chills and other symptoms of fever
15 grains of Ipecacuanha given as an Emetic followed by purgatives

Nov 24. Slighten the case of Febrile complaints of which he
lost his skin is cool - Cases of Aphthous in the same
Called to see Captain Robinson on the Bonack Master - who
has been subject to giddiness - ringing in his ears - vertigo
glintus and other symptoms of excitement of the Brain
since his arrival here in June last. Last night at a
ball given by the ladies of the Island he fell down
in a fit after walking and cut his fore
head. Today he complains of an uneasy
sensation in his head and a sense of giddiness
when he shakes it. He has weight about in the
convulsion - ringing in his ears - defect of memory
and vertigo of vision - his pulse is full & hard
naturally slow. He has been taking purging medicine
from Surgeon Dwyer of the 33rd - for some time past
for stomach affections & Febrile Complaint. The giddiness
and other cerebral symptoms it appears he was
subject to at Moultrie in Ireland some months ago when
in the 5th and was treated by Surgeon Hunter of the
Army for Dyspepsia -

P.S. ad 3X4. Alamel 85 Bet lot (amp 86. At night
Influence 3rd has nephew 3rd Robert 3rd in the 5th

Nov 25. Captain Robinson relieved by the bleeding & action of his medicine
but he has still some uneasiness in his head, and the complaints of vertigo
his wife says his sleep was disturbed, and he talked in an un-
connected manner -

Aphthous cases are rather common. Slighten the Febrile case doing
well - Three men of the Band who were engaged playing
at the ladies Ball on the night of the 23rd admitted with symptoms
of Simple Cholera, in all probability from the supper & refreshment they
indulged in on that occasion.

Principal Medical Officer's Remarks on No 2 Sanitary Report
for 1842. at St Vincent.

White Troops average strength 264.	Deaths 21.	average Daily Sick 29.03	^{admitted into hospital} 473
Black Troops - - - 85 - - - 4		2.10	67
White - proportion of Sick to beds per cent. 180.		Blacks	78.82
Deaths to sickness per cent 4.39			6.00
of deaths to strength 2 ^o 7.95			4.70

I coincide in opinion with Surgeon Palmer of the 92nd Highlanders as to the injurious effects of overcrowding the ventilated Barrack rooms in this climate, (each man in the Bombproof Barrack at Fort Charlotte has only had 315 cubic feet of space) and shock on the guard getting down, during the autumnal months, as an objectionable place for the confinement of European prisoners. On reference I find that out of 21 military prisoners committed to goal between April 1840, & April 1842. 12 were admitted into Hospital and 3 Died.

These defects, however, it is to be hoped will soon be remedied as the Commander of the Force has directed Special Estimates to be sent in for Jalousying the Barrack room Windows - and building six solitary cells at Fort Charlotte.

Surgeon Draydale of the 33rd is in error as to the number of washing tubs allowed for the use of the men of his Corps, as I am informed by the quartermaster of the Regiment that they have sixteen in place of six, and, at my suggestion the Commanding Officer has demanded twelve more, which, I think will be amply sufficient.

The supply of water is by no means so limited as one would be led to infer from reading Surgeon Draydale's remarks. On the 15th of May the quantity of water in the Tanks was 59280 gallons or 73 days supply. This report was not completed and sent in until the 5th; and as the Spring rains commenced on the 3rd there is little to apprehend on that score.

The allowance of water granted here is two gallons a man which I consider too small, and it is my intention to recommend an increase.

John Hale

Staff Surgeon

^{*} Subsequently increased to 2½ gallons a day.

Remarks of the Principal Medical Officer at St. Vincent
on No. 2. Sanitary Report for March 1843

White		Black	
Average Strength during the year	239	84	
Number of Deaths	5	2	
Average Daily Sick	29.94	2.45	
Number of admissions into Hosp ^t	574	59	
Proportion of sick to well per cent	215	70.1	
of deaths to Diseases &c	0.94	3.4	
of mortality to strength &c	2.1	2.38	

I have no observations to make in addition to those which I have given in No. 1. Report for the 46th Reg^t. - I may, however, be permitted to observe with regard to Surgeon Drysdale's Remarks for the 33rd Regiment, that, however desirable I may consider personal cleanliness, & however much it is to be wished that such men should have a separate hut to wash in, I do not attach the same importance he does to men washing in the same hut, nor do I consider that to have been the source of the Ophthalmia which has prevailed so extensively in this Garrison for the last 12 months. - It could not have tended to propagate the disease had the instructions regarding frequent medical inspections been observed as every man with the least appearance of disease in his eyes is supposed to be immediately separated from his comrades, and either put under observation of a Surgeon, or admitted into Hospital -

I. H. Gale
S. H. Surgeon

during the period the Corps was under my ~~own~~ immediate medical care. Except the circumstance of the difference of temperature between the men's Barrack rooms and the open air at night which I have since ascertained to amount to about 20°

I. H. Gale
23

Staff Surgeon Hali's Remarks on the Sanitary Report of the 46th Regt. at St Vincent
from 17 January to 31 March 1843 -

Duty
The duties performed by the troops during the period embraced by this return have not, in any of the most important respects, affected their health.

Barrack and Hospital accommodation

The Casemated Barrack in Fort Charlotte has been described in previous Sanitary Reports; but I ought to add that I consider the ventilation imperfect, and the cubic space per man, when it is filled to anything near the Ordnance Regulation, much too small.

Since last Report authority has been received to fit the gallery in front of the rooms with Spring plans in place of wooden shutters, and the work is now in process of being carried into effect. Application has also been made to have the wooden window shutters of the men's rooms fitted with plans.

The 46th Regiment, being weaker than the 33rd, have not suffered so much inconvenience since their arrival in January last, as the 33rd previously did; but it may not be out of place to mention a circumstance which occurred as it appears to bear on the existing cause of the Ophthalmia which has prevailed so extensively in this garrison for the last 12 months. When the 46th came down from Barbados on the 16th of January, being weaker, as I have already stated, than the 33rd, they completed certain rooms with their full complement of men leaving others empty for the accommodation of 70 recruits expected out from England. Ophthalmia immediately made its appearance amongst the men and some severe cases were admitted into hospital; but on their being distributed thro' all the rooms of the Barrack the disease gradually subsided, and for the last month has nearly disappeared.

The men are provided with Dishes to wash in: but the supply of fresh being drawn from Dicks is necessarily limited. Each man is allowed two gallons a half a day for all purposes.

The guard houses are sufficiently capacious, & in good repair.

The Hospital at Old Woman's Point, is a good one, and capable of accommodating from 30 to 55 patients with comfort.

Diet

The men Breakfast at 8 a.m. off Cocoa, and a portion of the latter Brand. At 1 P.M. they dine, five days in the week, off Lamb and Fresh Beef, with a proper proportion of yams or potatoes, and the remaining two they have Salt Pork & peas. At 6 in the evening they have either Cocoa or Coffee. The Ration is good, and the cooking plentiful and nourishing.

Since last Annual Report Lieut. Genl. Traill, with kind consideration for the health & comfort of the men, has directed military Gardens to be established here; and has sanctioned a certain expense for tools and seed to be borne by the public in the first instance. So that hereafter the men will have a more abundant and varied supply of vegetables than they can at the times command at present.

A piece of land near the Hospital at Old Woman's Point, has been secured in under the direction of Mr. Miles 33rd Regt., the Fort Adjutant, and is now in crop so that in a few weeks the soldiers will begin to reap the fruit of their labor.

The water supplied to the men is drawn from Dicks, and is of good quality. That portion of it which is used for drinking is passed thro' Drip Stones.

Cross and punishment

Cruel has been trying, and punishments few since the arrival of the 48th at St. Vincent. No corporal punishment has been inflicted, and the admissions into Hospital have not been increased by any other mode of punishment than has been adapted. There are no cells at Fort Charlotte fit for use, and the prisoners sentenced to confinement are sent to the Common Gaol in Kingstown where they mix with the criminals of that Establishment, and run the risk of contracting disease, as the gaol is built in an unhealthy locality, and at particular seasons of the year Fever and Dysentery prevail in it.

Six Solitary Cells have been recommended to the United States Penitentiary at Fort Charlotte for the accommodation of men sentenced to imprisonment; but the decision of the Board of Ordnance on the Estimate has not yet been received.

Interpretation

I cannot say that ^{any} case admitted into Hospital has obviously been the result of intemperance, nor has that Vice been very remarkable amongst the men of the 46th since their arrival at St. Vincent in January last -

In addition to the Grazhops in Town, a Canteen is licensed by Government within the Fort itself for the sale of liquor, which is open from 12 to half past two P.M. and from 5 to 6 P.M. in the Evening. Where at the foregoing dates men can indulge to the extent of their means and inclination.

Rum 1/2 per gallon
Gin 1/6 - do
Brandy 3/4 - do
Shrub - 1/6 - do
Porter per Bottle 10^d
do - per pot - 8^d

The amount of Surplus pay, as given in Return a-
with purchase as heretofore perfects the following quantities daily in a white kg
and something more in a Colored one -

Sergeant 5 gals of Rum: 3 gals of Gin: 2 gals of Brandy; and 3 pils of Shrub.
 Corporal - $4\frac{3}{4}$ ————— $2\frac{3}{4}$ ————— 2 ————— $2\frac{3}{4}$ —————
 Drummer 3 ————— 2 ————— $1\frac{1}{2}$ ————— 2 —————
 Private 2 ————— 1 ————— $\frac{3}{4}$ ————— 1 —————