

DIURNAL VARIATION IN BODY WEIGHT IN TUBERCULOUS PATIENTS.

The following observations were made on the body weight of patients attending Stepney Green Tuberculosis Dispensary during the time that I was acting Medical Officer.

The patients were weighed at each attendance between 2 and 4 in the afternoon. I made it a practice to call up 10 or 12 for re-examination next morning at 10 a.m. when they were again weighed. The weighing was done by the porter who was very keen on his work, and after careful observation, I can trust his records.

I noticed that in the majority of cases there was a fall in the morning weight as compared with the previous afternoon. It varied from $\frac{1}{2}$ lb. to as much as 4 lbs.

The patients being of a poor class have no extensive wardrobe and the difference was unlikely to be due to a change in the clothing. To eliminate this possible factor, however, the patients were instructed to wear exactly the same clothes in the morning as they wore in the afternoon. The fall in weight continued to be recorded.

Careful questioning and observation showed that changes in sleep or diet could not be the cause of this variation. The patients were unable to have any alteration in diet, and in every case reported sleep as usual.

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Out of a total of 962 recorded weights I found that 146 showed no variation, 205 showed an increase, and 611 showed a decrease. The average increase was .77 lb. The average decrease was 1.03 lb.

The patients attending the Dispensary are divided into positive cases, including Pulmonary and Glandular cases of Tuberculosis, and suspect cases. The majority of the observations were made on women and children, because men and youths attended only in the evening and were unable to sacrifice a morning's work to attend the Dispensary.

Taking only the positive cases who showed an increase-- a total of 55, the average increase is .6 lb., while the suspect cases showing an increase, total 150, give an average increase of .8 lb.

Taking only the positive cases who showed a decrease, a total of 177, the average decrease is 1.6 lb., as against the decrease of 434 suspect cases averaging .8 lb.

From these figures one concludes that a tuberculous patient will record a greater fall in weight in the morning as compared with the afternoon weight than a person who is merely a suspect. Also that where an increase is recorded in a positive case that increase is likely to be less than an increase in a suspect case.

From observation I can say that the more serious and advanced the disease the greater the variation in weight recorded.

The probability of a decrease occurring as against an increase is 3 to 1.

Grouping the cases according to age the average decrease is instructive.

Age.	Number of consecutive decreases.	Average decrease.
1. From 3 to 8 yrs.	20	.8 lb.
2. From 9 to 16 "	20	.9 lb.
3. From 17 to 24"	20	1.7 lb.
4. From 25 years	20	1.5 lb.

This table includes positive and suspect cases. It is reasonable to infer from it that the decrease will be proportional to the body weight of the patient.

Taking the individual patients the variation practically ^{even after a period of days.} remains constant, and alters according as the pathological condition improves or grows worse. Thus one woman who came to the Dispensary as a suspect case on subsequent re-examination recorded decreases $\frac{3}{4}$ lb. $\frac{1}{2}$ lb. $\frac{3}{4}$ lb. 1 lb. 1 lb. before she was diagnosed as a positive case. On the other hand, a boy who was strongly suspect and improved under treatment recorded decreases 1 lb. $\frac{1}{4}$ lb. and in two later examinations his weight was even. Another woman improving under treatment changed the decrease into an increase thus, $1\frac{1}{2}$ lb. decrease, $\frac{1}{2}$ lb. decrease, $\frac{1}{4}$ lb. increase, $\frac{1}{4}$ lb. increase. In a girl a positive case of Pulmonary Tuberculosis, but quiescent, the

decrease was invariably the same, namely, $\frac{1}{2}$ lb.

The cause of this variation is obscure. It has been recognised that loss of weight accompanies, and is to a great extent, proportional to, the increased temperature found in tuberculous patients. But in the case of children who had apyrexia and were increasing in weight, this diurnal variation persisted. Nor can it be accounted for by temporary upset of the alimentary system. The influence of the nervous system can also be set aside, because forty per cent. at least of the patients were Jews who are most susceptible as regards "nerves" and their degree of variation is not increased over that of purely English stock.

Without unduly emphasizing the point, my observations lead me to conclude:

1. Tuberculous patients tend to have a diurnal variation in body weight.
2. Of those showing such variation, 75% show a decrease.
3. The decrease is greatest from the age of 20 to 24 years and is proportional to the severity of the infection.

Stepney Dispensaries for the Prevention of Consumption.

STEPNEY DISPENSARY,

35, STEPNEY GREEN, E.

TELEPHONE: EAST 1938.

3rd July 1915.

Michael Escenberg
Isaac Kane.
Richard Merriman
Morris Davidson
Wm Buckman

gain in lbs

loss in lbs.

$1\frac{3}{4}$

—

$1\frac{1}{4}$

1.

$\frac{1}{2}$

Q. Annie Voller

[Q. Dan. Gillie

Saul Serene

Q. Elj. Gudgson

Q. Charles Coster

$\frac{3}{4}$

2.

1.

6th July 1915.

Q. Mrs. Jane Harris

Morris Beriloff.

Q. Mortimer Gossman.

Q. Mrs. Gossman

Q. Beatrice Pierce

Albert Pierce

Ho. Whalley.

Q. Jessie Davidson

$\frac{1}{4}$.

$\frac{1}{4}$.

2.

1.

$\frac{1}{4}$.

$\frac{1}{4}$.

1.

8th July 1915.

Rose Kavoloff.

Q. Philip Markovsky.

Q. Fred Ceedham

Mary Rosenberg

Mrs. Jacobs.

Ada Wall.

$\frac{1}{2}$.

$1\frac{3}{4}$.

1.

$\frac{3}{4}$.

1.

2.

$1\frac{1}{4}$

10th July 1915.

Gain in lbs

Loss in lbs.

Netley Craffsky		$\frac{1}{4}$
Mrs Craffsky	$\frac{1}{2}$	
Lillian Brown	1.	
Wm Stebbing	$\frac{1}{4}$.	
of James Truby		$\frac{1}{4}$
Mrs Truby	—	—
Violet James		$\frac{1}{2}$.
Thomas Howe.	$\frac{3}{4}$.	—
Albert Howe	—	—
Geo. Baker.		$\frac{1}{2}$.
Miriam Garfinkle		$\frac{1}{2}$.
of Mrs Eliza Hayden		1.

13th July 1915.

of Lily Woodroffe.		$\frac{3}{4}$.
of Mrs Sarah Wiggs		$\frac{3}{4}$.
of Mrs Freeman	—	$\frac{3}{4}$.
Sarah Bennett (after 14 days)	$\frac{1}{2}$	
of Mrs Moreton		3.
May Collier		1.
of Mrs Eva Berditch		1.
of Ho. Pople		$1\frac{1}{4}$.
of Mrs Box		$2\frac{1}{4}$.

15th July 1915

Minnie Lundeland (cardiac)	$\frac{1}{2}$	
David Gasmovsky	$\frac{3}{4}$	
Grace (Wm)		$1\frac{1}{4}$.
Wm Stokes		$2\frac{3}{4}$.
of Thomas Faradell	after 14 days. of progressing	$4\frac{1}{2}$.
Amelia Rules		$\frac{1}{2}$.

Stepney Dispensaries for the Prevention of Consumption.

STEPNEY DISPENSARY,

35, STEPNEY GREEN, E.

TELEPHONE:
EAST 1088.

17th July 1915.

q Frank Campbell

Edith Smith

Miriam Roff

20th July 1915.

q Mrs Grinberg.

Ruby Regan.

Mrs. Simons (sine corsets)

Albert Stock

q Mrs Stock.

q Mrs Beaks.

Rose Heath (after 12 days)

Gain in wt

$\frac{1}{2}$.

Loss in wt.

$\frac{1}{4}$

$2\frac{1}{4}$.

1.

$3\frac{1}{2}$.

$1\frac{1}{2}$

$1\frac{1}{2}$

$1\frac{1}{4}$.

$\frac{3}{4}$.

45³/₄

No.....

Stepney Dispensary

FOR THE

Prevention of Consumption

The patient is requested to return to the Dispensary every Monday, Tuesday, Thursday and Friday.

Once Weekly,

Once a Fortnight,

Once Monthly,

till further notice, and thereafter report progress at least once in three months.

N.B.—On *second* visit, a small specimen of expectoration should be brought in the bottle provided for the purpose.

The Green Prescription Form must be brought on each visit to the Dispensary.

24. VIII. 15.

\$ weight.	Gain.	Loss.
Isabel Hudson.	$\frac{3}{4}$ lb.	
4 W. Littenroden		$2\frac{3}{4}$ lb.
Henry Goldstock	$\frac{1}{2}$ lb.	
Stanley do.	—	—
Charles Pay	—	—
Larry Waller	—	$\frac{3}{4}$

30.9.15.	W. Finer.		$2\frac{1}{2}$.
	Sol. Finer.		2
4	Rosetta Grant		$2\frac{1}{2}$.
	Cath. Leedham		$\frac{1}{2}$
1	Maud Leedham		$\frac{1}{4}$
	W. Cannon		$2\frac{1}{4}$.
	Ed. Cannon		$\frac{1}{4}$.
	W. Berkovitch	$\frac{1}{2}$.	2.
	Fanny Berkovitch		2.

2.10.15.	Harry Bernard.	—	—
	Annie Austin		$\frac{3}{4}$
	Emma Craze	—	$\frac{3}{4}$
1	Annie Craze		$1\frac{3}{4}$
	W. Hickman		$\frac{1}{2}$
	Ernest Norman	—	—
	Eva Norman	$\frac{1}{2}$.	—
	Henry Milton	—	—
	Arthur Dutton		$1\frac{3}{4}$.

66.4.

Stepney Dispensaries for the Prevention of Consumption.

STEPNEY DISPENSARY,

35, STEPNEY GREEN, E.

TELEPHONE:
EAST 1958.

Dec. 31. 5. 15.

Sammitter Cross in the

1½.

Mary Jones,
Mark Gottlieb

Israel do

1¼.

1¼.

Ada Board

Arthur Emson

1.

George Howard

½.

Minnie Webb

Fellie Webb

1.

Walter Pierce

1½.

2.9.15

Singleton

1¾

M. Parker

2¾

E. Marshall

2½ l.c.

Mrs. Jettis

1.

Morris Jettis

3¼

Rose Berkovitch

1.

Char. Dandrow

¼

Annie do

½

Mrs. Williams

¾

Rachel Radymiller

1½.

2¼.

87½

12.10.11

Gain

Loss.

Esther Jacobson

Annie do

Cecilia Samuels

14.10.11 Maryon Paynter

Ruth Marsh

Alfred Collins

Florence

Edward Joseph Thompson

Nathan Brown do do.

Mrs Avery do do

Barnet Amstell do do

Thomas Coughton do do.

Kathleen do. do do !

16.X.11 Susan Darby.

Ed. Shires

Esther Shires

p Sarah Jacobson

Caroline Manning

Mary Gill

Morris Shaffron

19.X.11. Harry Cohen

Wm. Walkling

Joy Batten

Geo. Batten

21.X.11. Mrs Wisberg (3 days)

Emmanuel Wisberg do.

p Mrs O'Iden.

Wm. Maxwell (3 days)

p Mrs Bruce

6 even

3 $1\frac{3}{4}$ 20 | 34 $\frac{3}{4}$

Stepney Dispensaries for the Prevention of Consumption.

STEPNEY DISPENSARY,

35, STEPNEY GREEN, E.

TELEPHONE:
EAST 1958.

Gain in lbs. Loss in lbs.

23. X. 15.	Victor Russell.		$\frac{1}{2}$
	Reginald Russell		1.
	Alice Woodcock	1.	
	Rose Woodcock	$\frac{1}{2}$	
	John Corti.	$1\frac{1}{4}$.	
	Myron Gilloest	—	—
	Isaac Weil	$2\frac{1}{2}$.	
26. X. 15.	Doris Bolden (2 chd)	$\frac{3}{4}$.	
	Ala Hooper.		$\frac{1}{2}$
	Alfred Marks		1.
	Ann Freeman	$\frac{1}{4}$.	
	Eliz. Kirby		$\frac{1}{4}$.
	Cerdine Mellors (after 7 days)		2.
28. X. 15.	Mrs. Lacey (after 7 days)	$\frac{1}{2}$	
	Leah Lacey (do)	$\frac{1}{4}$.	
	Lily Baker.		1
	Harry Cooperman		$1\frac{1}{4}$.
30. X. 15.	Chris Kadelsteeher	—	—
	Myer Kadelsteeher		$\frac{1}{2}$
	Thos Foster		1
	Mrs. Marshman		2
	Mrs. Booth		$\frac{1}{4}$.
	Rose Brown		$\frac{3}{4}$
	Violet James		$\frac{1}{4}$
	Lucie Roberts. (after 12 days)		$1\frac{1}{4}$
	Sum 2.	8 7	$15\frac{1}{2}$

30. X. 15.

Gain in lbs. loss in lbs.

J. J. Galsworthy

 $\frac{1}{4}$

J. Hilda Galsworthy

 $\frac{1}{2}$

2. XI. 15.

Joy Hopkins (after 5 days).

1.

Linnie Hoffmann

 $\frac{1}{2}$

Millie Hoffmann

—

4. XI. 15.

Gladys Aliekin.

 $\frac{1}{4}$

J. Chula Bendelows

1.

Frank Statcher

1.

Rebecca Schneider

 $\frac{1}{2}$

1.

Michael Eisenberg

—

Lily Rodgers (after 6 days)

 $\frac{1}{4}$

Mayjane Rodgers do

 $\frac{3}{4}$

Albert Chipping

 $\frac{1}{4}$

Fanny Bousky

 $\frac{1}{2}$

6. XI. 15.

Mrs. Gertinsky

 $\frac{1}{2}$

Henry Bowman

 $\frac{1}{4}$

Jane Bowman

—

Ernest Arnold

 $\frac{3}{4}$

J. Caroline Lang.

 $\frac{3}{4}$

9. XI. 15.

William Redding

—

Isabella Owen

 $\frac{1}{2}$

11. XI. 15.

J. L. Cartwright Jr.

 $\frac{3}{4}$

J. Alf. Skurat

 $\frac{3}{4}$

Mrs. Smith (Martha)

 $\frac{1}{2}$

Mrs. Katchinski

1

13. XI. 15.

Julius Kandler h.c.

2

J. W. Medcalf. h.c.

 $\frac{1}{2}$

Bloma Roff

—

John Knutly after 10 days

—

Even 6

9/10²⁴14/11²⁴

Stepney Dispensaries for the Prevention of Consumption.

STEPNEY DISPENSARY,

35, STEPNEY GREEN, E.

TELEPHONE:
EAST 1959.

Gain in lbs Loss in lbs

17. XI. 15. Jennie Hudson — —
 Annie Sherman — —
 Mary Fitt (7 days after) $\frac{1}{2}$ —
 Henry Reeve (do) — —
 Jack nunes — —
 James Sadler $\frac{1}{2}$ —
 Albert Barlow — $\frac{1}{2}$

20. XI. 15. Louis Wrasberg — $\frac{1}{2}$
 Rich. Hattleship $\frac{1}{2}$ —
 Swansbury — $\frac{1}{2}$
 Matilda Swansbury — 1
 Abe Cohen — 1
 Fred. Middleton — $\frac{1}{2}$
 Bertha Lyons — $\frac{3}{4}$
 Laurence Bongden. $\frac{1}{2}$ $\frac{1}{4}$

23. XI. 15. Wm. Leah Green. after 5 days — $\frac{1}{2}$
 Wm. Guest do $\frac{1}{2}$
 Wm. Dywin do —
 Solly Klonsky do —
 Janie Klonsky do $\frac{1}{2}$
 Edith Smith do. —

Even 7.

6/3

9/6 $\frac{3}{4}$

25. XI. 18.	Sain	Mon
of Mr. Thetken (after 7 days) he	1 1/2	1 1/2
of Rosemary do.		1/2
of Fred Gill.		
Wm. Fredrichs	1/2	
of James Slaughter	1/4	
Wolf Cohen.		1/2
of Mr. Cohen		3.
The Rothberg	1/2	
Alice Jolykity. After 7 days	1.	
Albert Pierce.		3/4
Maud Reys		1/4
27. XI. 18. of Mr. Selman		1 3/4
Wanda Ranch		1/4
San. Semi		2 1/2
Mary Green	—	1.
Albert Bleach		1 1/2
Alfred Stecher	1.	2 3/4
Albert Chullock		
2. XII. 18. Mrs. Goldberg		
Sarah Bennett	1/2	1/2
of Thomas Owen		1/2
Millie Cohen		1/2
Zena Bearlie		1/4
Louis Bearlie		3/4
Leslie Cook	—	2
Ruby Lazarus	—	
Emma Muggleton	—	
	7 5 1/2	17 21 3/4
Eve		

Stepney Dispensaries for the Prevention of Consumption.

STEPNEY DISPENSARY,

35, STEPNEY GREEN, E.

TELEPHONE:
EAST 1939.

	Gain	Loss
4. VII. 15. Mrs. Jane Cohen		2
Hyman do	$1\frac{3}{4}$	—
of Mrs. Tobervitch	—	—
Horace Thackston		1
Geo. Hillier	$1\frac{1}{2}$	
Rebecca Konofsky		$\frac{3}{4}$
Mrs. Konofsky		2.
Rebecca Simons	$1\frac{1}{4}$	
Ed. Dillon		1.
John Humphreys	1.	—
James Hillier do	—	—
7. VII. 15		$\frac{3}{4}$
Harry Emney		$\frac{1}{4}$
David Haberoffsky		$\frac{1}{4}$
Sadie do.	—	—
Alie Brown		$\frac{3}{4}$
9. VII. 15. of Philip Day	$\frac{1}{4}$	$\frac{3}{4}$
Barbara Waymark		$\frac{3}{4}$
of Mrs. Jacobson.		3.
Emily Coates		$\frac{3}{4}$
11. XII. 15. of Wm. Stokes		4.
Isaac Fenoffsky	—	$1\frac{1}{4}$
of Isaac Apple		$\frac{1}{4}$
Alex Apple		$\frac{1}{4}$
of Jacob		$2\frac{1}{2}$
Mrs. Jarlofsky		$1\frac{1}{2}$
Mrs. Ansell		$1\frac{1}{2}$
Even 4	$5\frac{1}{4}$	$17\frac{1}{2}$

Stepney Dispensaries for the Prevention of Consumption.

STEPNEY DISPENSARY,

35, STEPNEY GREEN, E.

TELEPHONE:
EAST 1988.

21.7.11.

Mrs. Jackson
Rose Ellen Connolly
Gladys Thompson
Rose Freeman
Mrs. Holmes.
Mrs. Duff
Rose Duff
Philip Markofsky

Sain

Cos

$\frac{1}{4}$.
 $\frac{2}{4}$.
 $\frac{1}{4}$.
 $\frac{3}{4}$.
 $\frac{1}{4}$.
 $\frac{1}{2}$
 $\frac{1}{4}$
 $\frac{1}{4}$.

22.8.11

Sammy Kelly, etc.

2

4.1.16.

Mrs. Waseberg.
Mr. Schlavoffsky.
Rhoda Bond

1

2

6.7.16.

Hyman Freedman
Ernest Anderson
Amy do
Margaret Syer.
Lillian Syer.
Leonard Watts.

$\frac{1}{4}$

$\frac{1}{4}$.
 $\frac{1}{4}$.
 $\frac{1}{4}$.
 $\frac{1}{4}$.
 $\frac{1}{2}$

8.7.16.

John Brown
Frank Campbell
Mrs. Middleton
Dorothy Middleton
Mrs. Jacobs
Miriam Gersinkle
Eda Kelly
Miriam Roff
Gertrude Roff
Miss Roff
all Roffs

—

$\frac{1}{2}$
 $\frac{2}{4}$
 $\frac{3}{4}$
 $\frac{1}{2}$
 $\frac{1}{2}$
 $\frac{1}{2}$
 $\frac{1}{4}$
 $\frac{1}{2}$
 $\frac{1}{4}$

Even 3.

7/6

19/19 1/4

	Sain	Con
11.T.16 Jeremiah Toly. 56.	1.	
Rose Kavaloff 6.		1.
James Harris 12.	$\frac{1}{2}$	$\frac{1}{2}$
Edith Hull 13.		$\frac{1}{2}$
Edith Hull 12 (after Skye)	$\frac{1}{2}$	$\frac{1}{2}$
George Conley $8\frac{1}{2}$		$1\frac{3}{4}$
Arnold Conley $6\frac{1}{2}$		$1\frac{1}{2}$
Arthur Russell		$\frac{1}{2}$
Minion Ball 8		$\frac{1}{2}$
Nella Ball 6.		$\frac{1}{2}$
← W. James Harris 34. h.c.	$1\frac{1}{4}$	

13.T.16. George Harris 9.		$1\frac{1}{4}$
Emme Savage 10		$\frac{1}{4}$
Wm. Goldman 8.	$\frac{1}{2}$	
Wm. Goldman $4\frac{1}{2}$	$\frac{1}{4}$	
Wm. Goldman 28.		2.
Cardine Stanley Sutton 10.		$\frac{1}{4}$
Fl. Ingle 7.	$\frac{1}{4}$	
Wm. Woodroffe 7		$\frac{1}{4}$
Wm. Webb 12		$1\frac{1}{4}$
Mary Slack 56		$1\frac{1}{4}$
John Wickerman 10.	$\frac{1}{2}$	
Mary Worth 10.		$\frac{1}{2}$

15.T.16. Edith Watson 8		$\frac{1}{4}$
Edith Watson 5.		$1\frac{1}{4}$
Joe Goldstein 12		$1\frac{1}{4}$
Jacob Sorken 8		$\frac{3}{4}$
Mrs Sorken 34		$\frac{3}{4}$
Wm. Schuffblatt 6	$\frac{1}{2}$	
Jennie 9		
Rose Thomas 7	$\frac{1}{2}$	

Even 2.

5/11

12/7 $\frac{1}{2}$

17/15 $\frac{1}{2}$

Stepney Dispensaries for the Prevention of Consumption.

STEPNEY DISPENSARY,

35, STEPNEY GREEN, E.

TELEPHONE:
EAST 1959.

17.1.16.	Winfred Davis	5	
	of East facts	9	
	Mark Davis	13.	
	Mr Ginsberg	41	
	of Sarah Mulling	14.	
20.1.16	Mrs. Powis.	43	
	of Milda Powis	7.	
	Harry Cocks	13	
	Walter Cocks	10	
	of Eric Jarlofsky	9	
	of Muriel Jarlofsky	7	
	Ethel Dixon	9	
	of Rose Dixon	11.	
	of Annie Garrod	5	
	of Rose Garrod	7	
22.1.16	Mr. Singh	27.	
	of Paul Serene	10 after 19 days	
	of Mrs. Prince	30	
	Mrs. Cohen	35	
	of Mrs. Garrod	31	
	of Mrs. Smith	33	
25.1.16.	Rachel Karlstein	9.	
	Joseph Saunders	13.	
	of Mrs. Saunders	44	
	of George Reed	5.	
	of Arthur Emors	8	
	of Fanny Ginsberg	10 3	
	of Charles Coates	12	
	Joseph Weinblatt	14	
	Even 1		
	5/6 in		

23/28

25. 1. 16.

Mr Sanford 26.
 J Herbert do 3
 J Montague Grossman 6
 J William Barrett 11 1/2

3
 3
 1/4

27. 1. 16.

J James Anderson 11
 J Ellen Sullivan 13.
 Geo. Baker. 13
 J Lily Barker 24.

1
 1 1/2
 1.
 1/4

29. 1. 16

Joseph Allen 10.
 Henry Hells 9
 J Mrs Hells 32
 Lucy Hells 6.
 J Violet Montague 12
 J Martha Phillips 12
 Fanny Hoberman 5.
 J Mrs Markovitch 62.
 J Elsie Rhodes. 7.
 J Geo. Humphrey 8
 Mrs Friedman 36.

1/2

1/2

1/2

1/4

1
 3/4

1 1/2
 1/4

1. 2. 16

J Fred Givans 9
 Henry Lett. 9
 Ed. Joseph 5 1/2
 Mrs Callett.

1.
 1 1/2
 1.
 1.
 3 1/2

3. 2. 16

Rob. Jaffrey 12
 Flo. Lewis 12
 J Aaron Sunshine 9.
 Nellie Wells. 16
 Charles King. 10
 Alice Madoucraft 5
 Mrs. do 52
 Alex. Buffonokoff 5.
 James Phillips 13
 J Mary Rowley 10

—

3/4

1/2

3/4

1/4

1 1/2
 1/2
 2 3/4
 3/4
 3 1/2

Even 3.

7/4 1/2

23/24

Stepney Dispensaries for the Prevention of Consumption.

STEPNEY DISPENSARY,

35, STEPNEY GREEN, E.

TELEPHONE:
EAST 1030.

5. 11. 16	f Emma Cokbridge 9.		$\frac{1}{2}$
	f Mrs Blunden 30.		$\frac{3}{4}$
	f Miss Blunden 5.	—	$\frac{1}{4}$
	Violet Kelly 12		$\frac{1}{4}$
	f Ethel Kelly 10.		$\frac{3}{4}$
5. 11. 16	Etha Kothbey 13		$\frac{1}{4}$
	f Victor Kethering 6.		$\frac{1}{4}$
	f Catherine Davis 32		$\frac{1}{2}$
	James Hull 9	—	$\frac{1}{4}$
	f James Evans 12	$\frac{3}{4}$	$\frac{1}{4}$
	f Ho. Bartlett 9.		$\frac{1}{4}$
	Adney Hill 9	—	$\frac{1}{4}$
	John Hill 12		$\frac{3}{4}$
	Mrs Kukulovitch 35.	$\frac{1}{4}$	$\frac{1}{4}$
10. 11. 16	f Mrs Annie Bernstein 34		$\frac{1}{2}$
	f Edgar Morkett 10		1.
	f Florence Tope 27.		$\frac{1}{4}$
	f Mrs Stacey 37.		1.
	f Mrs L. Stacey 36		$\frac{1}{2}$
after 3 days	f Mrs Johnston 45. has better now		$\frac{1}{2}$
	Lillian Johnston 9		1
	f Maryon Baynes 5		$\frac{2}{4}$
	f Timothy Sullivan 5.	—	$\frac{1}{4}$
	Oliver Taylor 7		1
	Mrs Bruce 16.	$\frac{1}{4}$	

Even. 4

3/14

17/15

Gain

Loss

12. $\frac{11}{11}$. 16

May Taylor 12
 Bertram Taylor 12
 John H. Groves 11
 Sam Goldberg 9
 Mrs. Bayline 55
 Mrs. Tenby 42
 Lily Blainey 9.

2 days

$\frac{1}{4}$

1.
 $1\frac{1}{2}$
 $1\frac{1}{2}$
 4.
 1.
 $1\frac{1}{2}$

4 days

Edith Langrish 32
 Agnes Rounce 13
 Winifred Rounce 11
 Albert Rounce 5

2 days

$\frac{3}{4}$

$\frac{1}{2}$

$\frac{1}{2}$

15. $\frac{11}{11}$. 16.

Dora Cohen 5
 Abe Cohen 8

5 days

1
 $\frac{1}{2}$

Geo. Howard 13. 1 day.

Mrs. Jacobs. 57. 1 day.

Lillian White 5 days.

Mrs. Herscovitz 27 5 day

Ethel Herscovitz

Myron Cohen 35. 1 day

1.
 $1\frac{3}{4}$
 $1\frac{3}{4}$
 2.

16. $\frac{11}{11}$. 16

17. $\frac{11}{11}$. 16

D. Gaumnitzky 7. 3 days

James Box 9. "

Long Box 7. "

Lillian Holdstock 15. "

Stanley 4 4. "

Harry 40 10. "

Golda Bow 6. "

Mary Daley 26. "

Charlotte S. Sichel 13. "

Mrs. Fenn. 29. "

Golda Sunderland 14. "

Robt Bloomfield 10. "

Robt Stork 11. "

$\frac{5}{4}$

$1\frac{3}{4}$
 $\frac{1}{2}$
 1
 $1\frac{1}{2}$
 $3\frac{1}{2}$
 $\frac{1}{2}$
 $\frac{1}{2}$
 $\frac{1}{2}$
 $\frac{1}{2}$
 $\frac{1}{2}$

Even 4

6/3 $\frac{3}{4}$

22/30

Stepney Dispensary for the Prevention of Consumption,

35, STEPNEY GREEN, E.

			Jan	Nov
19.11.16	Kate Cohen	33 5 days		1 1/2
	q Eliz. Luns	4 "	—	—
	q Leslie Kosky	6 2 "	—	—
	house Horncastle	6 2 "		1/2
	Ernest Smith	" 2 "	3/4	2
	q Mrs. Wigg	32 5 days		1 1/2
	Elise Wiggs	6 "		3/4
	q Fred Wiggs	8 "		1
	Mrs. Jallof	35 2 days	—	—
	Mary Smith	14 5 "		2.
	James Vernon	11 2 "	3/4	—
	George Vernon	5 2 "	—	—
	Glady's Collier	4 5 days	—	—
22.11.16	David McGee	13 1 day		1/4
	q Let McGee	11 "		1/4
	Mrs. Amstel	34 5 days	1/4	—
	q Long Cook	11 1 day		1/4
	q Clara Brown	9 "		1
	Rachel Brown	5 "		1
	q Mrs. Brown	46 "		1 1/2
	q Walter Golythly	8 5 days		3/4
	Florence Featherstone	6 "	—	—
	Wm. Clark	7 "		3/4
	Mrs. Clark	38 " h.c.	1 1/2	—
26.11.16	Adelaide Allchin	12 3 days		1
	q Harold Merrin	10 "		1 1/2
	q Henry	40 6 "		3/4
	q John	40 4 "		1/4
	Richard	40 7 "		1/4
	Bessie Heymoring	8 "		1 1/2
Even	Arthur Jacobson	8 "	4/3 1/2	20/16 1/2

26. II - 16.

Eva Porter 11 2 days —
 John Rickcuff 9. " "
 Sam. do 7 " "
 Wm. do 31. " "
 P Mrs. Wood 36 5 days $\frac{1}{4}$
 Grace " 7 " "
 Rose " 13. " "
 P Michael Holmstrick 5 2 days $\frac{3}{4}$ ho.
 Harry Goldstein 9 " $\frac{1}{2}$ ho.
 Beattie do 7 " $\frac{1}{2}$ ho.

1.
 $\frac{3}{4}$
 $\frac{3}{4}$
 $\frac{3}{4}$
 —

29. II - 16.

Geo. Fleinitt 4 5 days
 P Jane Sevoux 9. " "
 P Phyllis Norden 9 " $\frac{1}{2}$
 P Violet Saunders 11 " "
 Mrs. Bowell 72 1 day
 P Mrs. Pitt 60. 5 days
 Mrs. Parce 39 " $\frac{3}{4}$

1.
 $\frac{1}{2}$
 $1\frac{3}{4}$
 1.
 $\frac{3}{4}$

2. III - 16.

P Ellen White 12 5 days ho. $1\frac{3}{4}$
 P Annie Gottlieb 12 5 days 4.
 P Marks do 8 " "
 P Larnel do 10 " "
 P Mark Reuben. 13. " "
 Flo. Collins 12 " "
 P Alf. Collie 10 " "
 P Emma Carter 39. " ho.
 P Maud Cadham 10 " $\frac{1}{4}$

$2\frac{3}{4}$
 $\frac{3}{4}$
 $\frac{1}{2}$
 $1\frac{1}{4}$
 $1\frac{1}{2}$
 $2\frac{1}{4}$

4. III 16.

Reynold Ansell. 10 2 days
 Victor " 6. " "
 Gertrude Boggish 5. " "
 Rebecca do 9 " "
 Harry Bernard 4 " "
 Alfred Levey 11 " "
 Eliz. Levey 7 " "
 David Levey 5 " "
 P Hyman Saratoff 21 4 days
 P Mrs. Gordiner 36 2 days
 Frances Norman 13 " "
 Emma Norman 10 " "
 Mrs. Davey 61 " "

—
 —
 —
 —
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 —
 —
 $\frac{1}{4}$
 $\frac{1}{4}$
 $\frac{1}{4}$

$\frac{1}{4}$
 $\frac{1}{4}$
 $\frac{1}{4}$
 $\frac{1}{2}$
 $\frac{1}{2}$
 $\frac{1}{2}$
 $\frac{1}{2}$
 $\frac{1}{2}$
 $\frac{1}{2}$
 $\frac{1}{2}$
 $\frac{1}{4}$
 $\frac{1}{4}$
 $\frac{1}{4}$
 $\frac{1}{4}$

Even 6.

9/534

Stepney Dispensary for the Prevention of Consumption,

35, STEPNEY GREEN, E.

			gain	loss
7- ^{III} -16	f Emily Knight 36.	7 days.		1.
	f Lily Kears 12	5 days	$\frac{1}{4}$	
	f Rich. S. Finch 7	1 day	—	—
	Flo. Finch 12	1 "		$\frac{1}{4}$
	Mrs. Delovent 43	1 "		$\frac{3}{4}$
	Emma Maggilton 14	1 "		$\frac{1}{2}$
9- ^{III} -16	Alie Vetricker 8	3 days		$\frac{1}{4}$
	f Flo. Anderson 8	"		$\frac{1}{4}$
	f Charles Anderson 9	"		$\frac{2}{4}$
	f Annie 7	"	—	—
	John Sullivan 7	"	$\frac{1}{4}$	
	f Willie Kesselman 8	"		$\frac{1}{4}$
	f Amelia Gellman 7	"	$\frac{1}{2}$	—
	Leane Cohen 8	"	—	—
	Mrs. 37	"		$1\frac{3}{4}$
	Hilda 16.	"		$\frac{1}{4}$
11- ^{II} -16	Hyman Miller 12	2 days.		1.
	Mrs. Sharp 33	"	$\frac{1}{2}$	—
	Amos Sharp 4	"		$\frac{1}{2}$
	Edith 7	"	—	—
	f Amelia Miles 8	"		$\frac{1}{2}$
	Lillian Neville 10	5 days		$\frac{1}{4}$
	Alber 4	"		$\frac{1}{2}$
	George 8	"		$\frac{1}{2}$
	f John Martin 9	2 "		$\frac{1}{2}$
	Violet Baker 12	"	—	2.
	Even S.		4 $\frac{1}{2}$	17 $\frac{1}{4}$

14. 3. 16

Gain

Loss

Wm. Stebbins	13	5 days	—	—
Annie Jordine	12	"	—	—
Ellen	9	"	1	—
Eliz	4	"	1.	—
Henry Neckie	12	"	—	1.
Mary Stegman	7	"	—	—

16. 3. 16

Alfred Crocker	9	3 days	—	$\frac{1}{4}$
Frank Crocker	13	"	—	2
George Gray	7	"	—	$\frac{1}{2}$
John Case	10	"	—	$\frac{1}{4}$
Walter Case	8	"	—	—
Rebecca Nathan	7	"	—	—
Reginald Clark	12.	"	—	1.
John Durell	9	"	—	2
Charlotte Durell	11.	"	—	$\frac{3}{4}$
Mrs. Stock	45	"	P.C. X	2 $\frac{3}{4}$
Albert Stock	9	"	—	$\frac{1}{2}$
Ada Hawkes	14	"	$\frac{3}{4}$	—

18. 3. 16

Hilda Brown	9	5 days	$\frac{1}{2}$	—
Henry Fulton	5	2 "	—	$\frac{1}{4}$
Richard Slater	10	2 "	—	$\frac{1}{2}$
Wm. McCarthy	49.	4 "	—	1.
Eliz Tilly	8	1 day	—	1.
Frank Curtis	9	5 days	—	1.
P. Lily Curtis	7	"	—	$\frac{3}{4}$
Violet James	11	2 "	—	—
Harold Mangum	9	5 "	—	$\frac{1}{4}$

21. 3. 16.

Sarah Denny	7	5 "	—	—
Samy	9	5 "	$1\frac{1}{4}$	—
Grace Young	10	5 "	—	—
Paul Foster	9	5 "	—	$\frac{1}{4}$
Elsie Costie	11	1.	—	$\frac{1}{4}$
John Costie	9	1.	—	2
Flo. Gregory	9	5 "	—	—
Mrs. Hughes	34	5 "	—	—
Mrs. Hart	38	5 "	—	—
Edith Fitt	12	5 "	5 / 42	$2\frac{1}{2}$
Even	11.	—	—	$1\frac{3}{4}$

20/22

Stepney Dispensary for the Prevention of Consumption,

35, STEPNEY GREEN, E.

			<u>Gain</u>	<u>Loss</u>
22. III. 16.	of Ada Cooper	14. 3 days		1.
	Lydia Cooper	9. 3 ..		1.
	Long Baker	11. 3 ..		$\frac{1}{2}$
	Eliz Baker	6 3 ..		$\frac{1}{2}$
	Ada Baker	8 3 ..		$1\frac{1}{2}$
	of Elias Ender	12 3 ..		1
	of W. Cannon	54. 3..		2.
	of Edw. Cannon	6 3..		$\frac{1}{2}$.
	Rose Mansell	7 3..		$1\frac{1}{2}$
	W. Mansell	35. 3..		1.
	Rose Berkovitch	10 3		$\frac{1}{2}$.
25. III. 16	Blume Hoff	12 2. days		$\frac{1}{4}$.
	Alf. J. Cole	3 2 ..		$1\frac{3}{4}$.
	Harry Kohledas	10. 2 ..		$1\frac{1}{4}$.
	Rose Baum	12 2 ..		$1\frac{1}{4}$.
	W. Broome	46. 5 ..		2.
	of Grace Rockwood	5 5.		1.
	of Richard Batten	11 5..		$\frac{1}{2}$.
	of W. Shelford	32 5..		1
	Edw. Shelford	7 5..		$\frac{1}{2}$
	John Mangel	7 2		$\frac{1}{2}$
28. III. 16.	of Sol. Lawrence	50. 1 day		$4\frac{1}{2}$
	of W. Goss	30 5 days ac.		$\frac{3}{4}$.
	of Lily Goss	7 5..		
	of Albert Becker	13. 1 day		
	Arthur Brooks	9 5 days		$\frac{1}{2}$
	Emily Ballett	8 5 ..		$\frac{1}{4}$
	of Wm. Shelaker	12 5..		$\frac{1}{4}$
	of Edward Thier	6. 5..		$\frac{1}{4}$
	Better Thier	4 5..		
	John Hagerty	5. 5..		
	Sam Kormanowski	9. 5..	2/1	
	Carlie Saunders	9 5..		

Jan

Case

Fanny Glaten 7 3 days 2 hr.
 Mary Parker 14 3- $\frac{1}{2}$
 James Gallison 14 7 days
 Morris Bernstein 11 3- $\frac{1}{2}$
 Mrs. Bernstein 87 3-
 Violet Middleton 11 3-
 Mr. Muller 40 3-
 Mary .. 3 3-
 Annie .. 13 3-
 Fanny Beattie 11 3-

$\frac{1}{4}$
 $\frac{3}{4}$
 $\frac{2}{4}$
 $\frac{1}{4}$
 $\frac{1}{4}$
 $\frac{1}{2}$
 $\frac{1}{4}$
 $\frac{1}{2}$
 $\frac{1}{2}$
 $\frac{1}{2}$
 $\frac{3}{4}$

4.4.16 Wm. Ansell 11 5-
 Leonard Ansell 9 5-
 Annie Austin 12 3-
 Fred Thomson 12 5-
 Betty Cusofsky 13 5-
 Emma Cragg 8 5-

$\frac{1}{4}$
 $\frac{1}{4}$
 $\frac{1}{2}$
 $\frac{1}{2}$
 $\frac{1}{2}$
 $\frac{3}{4}$

6.4.16 Mrs. Fines 33 3- $\frac{3}{4}$
 Mr. Stockley 3 $\frac{1}{2}$ 3 $\frac{1}{2}$
 Geo. Stockley 4 $\frac{1}{2}$ 3-
 Lillie Shepherd 45 2- $\frac{1}{4}$
 Rosina Ellis 5 5-
 Ann Bicknell 6 2- 2-

$\frac{1}{2}$
 $\frac{1}{4}$
 $\frac{1}{4}$
 $\frac{1}{4}$

Geo. Balkwell 2 3- $\frac{1}{4}$
 Mr. Rothberg 5 $\frac{1}{2}$ 1-
 Jacob Eisenberg 15 3- $\frac{1}{4}$
 Rachel .. 13 3-
 Annie Jacobson 13 3-

$\frac{1}{4}$
 $\frac{1}{2}$
 $\frac{1}{2}$
 $\frac{1}{2}$
 $\frac{1}{2}$

8.4.16 Harry Bell 9 5 days
 Sarah Bell 8 5-
 Sara Jacobson 6 2-
 Mrs. .. 85 2-
 Morris Cohen 10 5-
 Daisy Cope 9 2-
 Ed. Hoftus 6 2-
 Emma .. 9 2-
 Lyla .. 4 2-
 My .. 6 2-

$\frac{1}{2}$
 $\frac{3}{4}$
 $\frac{1}{4}$
 $\frac{1}{2}$
 $\frac{1}{2}$
 $\frac{1}{2}$
 $\frac{1}{2}$
 $\frac{1}{2}$
 $\frac{1}{2}$

$\frac{1}{4} + 10 \frac{1}{6}$
 $\frac{1}{4} \frac{3}{4}$

22/173

Even

Stepney Dispensaries for the Prevention of Consumption.

STEPNEY DISPENSARY,

35, STEPNEY GREEN, E.

TELEPHONE:
EAST 1958.

11. IV. 16

Gain

Loss

Wm. Howard 12 6 days.

Jennie Hudson 9 1

$\frac{1}{2}$

2.

q Rose Heath 13 5

$\frac{1}{4}$

Willie Rogers 11 4

$\frac{1}{2}$

Joseph Saunders 13 5

—

—

Emanuel Wisenberg 5 1

$\frac{1}{4}$

harris 6 1

$\frac{1}{2}$

Wm. 27 1

$1\frac{1}{2}$

Joseph Weister 6 1

—

—

13.4.16 J. W. Lyndick 35 3 days

q Leah 6 3

$\frac{1}{4}$

q Sam. 5 3

$\frac{1}{2}$

Bennie 12 3

$\frac{1}{4}$

John Moore 9 3

1

q Frank Sewell 13 3

$1\frac{1}{4}$

q Wm. Debens 5 3

$\frac{1}{2}$

Albers. 7 3

—

q Alfred Marks 9 3

—

q Alfred Marks 9 3

$\frac{1}{4}$

$\frac{1}{2}$

18.4.16 q Edith Smith 12 2

1

Loz 7 2

$\frac{1}{2}$

Ruth 4 2

$\frac{3}{4}$

18.4.16 q Harry Turner 12 5 days

$\frac{1}{4}$

q Frank Thatchum 11 5

$\frac{1}{2}$

q Wm. Hornecastle 31.5

$\frac{1}{4}$

Ho. Teesley 15.5

q Rosa Ormott 47 1 day

5.12

11.10

Even 4

18. 4. 16

Gain

Loss

Sam Davis 11 5 days

Mary Allen 8. 1 day

M^{rs} Allen 46. 1.

James Holdstock 12 1

Rosa Woodcock 10 5 days

Alice 12 5 "

Beatrice Pierce 11 5 "

20. 4. 16.

Martha Day 11 3 days

Flo. Kennelly 13 3.

Wm 14 3.

Stanley 6. 3.

Fred Archer 8 3.

Emma 4 3.

Born Bolden 10 3.

Flo. Stockley 13. 6.

M^{rs} Seavey 36. 3.

Ellen Bullock 10 3.

~~M^{rs} Bullock 35~~

Even 3.

5 / 3

9 / 7 1/4

3/4

1 1/4

1/4

3/4

1/2

1/4

2

1/4

1/2

1/2

—

—

1 1/4

1 1/2

3/4

1 3/4

Stepney Dispensaries for the Prevention of Consumption.

STEPNEY DISPENSARY,

35, STEPNEY GREEN, E.

TELEPHONE:
EAST 1959.

2.V.16.

Ruby Lazarus 10. 1 day.
Rachel Aaron 7 1.
M^{rs} Davis 24 1. ss.
Lutie Barnett. 12. 1.
Isadore Hargreaves 5 1.
Fanny Brinsky 10 1
Ethel Newman 13. 1
Geo. Carter 8 1.
Wm. Smith 8 1
Sam. Freeman 7. 1
May Collier. 11. 1.
Annie Lazarovitch 6½ 1.

Gain

Loss
~~4~~ ½

3
4.

2.

1.

½.

¼.

—

—

¼.

¼

½

—

—

4.V.16.

J. Alf Brown 7 3 days
Mary Black 10. 3.
Jessie Shumham 5 3.
Annie 6 3.
Mollie Cohen 14 3.
Kathleen Seftell. 12 3.

½

½.

—

—

—

—

1.

6.V.16

Mary O'Brien 26 4 days ss.
Abel Lawrence 12 2.
~~and Annie 40~~
Abel Lawrence 14 2.
John Boyce 9. 2
Philip Mackoffsky 19 4
Dora Toborovitch 4. 2. Even 7.

2½

—

—

¼

½

½

½

3 | 1½

14 | 10½ ½

6.5.16.

of Mr. Serlinisky 25. 2 days
 Grace Castle 25 2.
 Eliz. 32 2.
 Emily Coates 11. 2

June

$\frac{1}{4}$

$\frac{2}{4}$

Cons

$\frac{3}{4}$

$\frac{1}{4}$

9.5.16.

of Mr. Serene 32 1 day
 Philip 7 1.
 Hyman Cohen 9. 5. ~~ht.~~
 Esther Leeson 11. 5.
 of Hannah. 12 5.
 of Eth. Geo. Howe 7 5.
 of Ivy Howe. 12 5. ~~ht.~~
 of Eliz. Cornick 8 5.
 Mr. Burk 57. 5 less jacket

2.

$\frac{1}{2}$

$\frac{3}{4}$

2

$\frac{3}{4}$

$\frac{1}{2}$

3.

11.5.16.

of Annie Sherman 8 3 days
 of Mr. Maister 32 3.
 of Civil Bohn 11. 7.
 Thomas Sutton 8 7. ~~ht.~~
 of Minnie Webb 12. 3. ~~ht.~~
 of Rose Macey 14 7. ~~ht.~~
 of Eliz. Judson 14. 7.
 Mr. Judson. 43 7.
 of Mr. Samod 31 3. ~~ht.~~
 of Rose Samod 7. 3.
 of Mr. Ball. 29 3.
 of Mr. Flynn 39 2.
 of Alben Holgate 8 3.
 of Eleanor Lamm 11. 7.

2.

$\frac{1}{2}$

$\frac{1}{4}$

$\frac{3}{4}$

$\frac{3}{4}$

$\frac{1}{4}$

2

1

—

$2\frac{1}{2}$

1.

$\frac{3}{4}$

$\frac{3}{4}$

$\frac{3}{4}$

—

12.5.16

of Mary Johnson 8 3 days
 of Mary Johnson 11 5.
 Jacob 7 5.
 of Arnold Condey 7 5.
 of Mrs. 5.

$\frac{1}{2}$

2

—

$\frac{1}{4}$

7 | 84

19 | 20 $\frac{1}{2}$

Hyman Cohen

Stepney Dispensaries for the Prevention of Consumption.

STEPNEY DISPENSARY,

35, STEPNEY GREEN, E.

TELEPHONE:
EAST 1038.

16. V. 16.

John Howard	11.	1 day.
♀ All Howard	9	1.
Ly Howard	5	1.
Phy Pascoe	5	5.
Edith Konoffsky	13	5.
♀ Louis Konoffsky	6	5
Joe Shear.	9	5
Albert Pierce	7.	5.
Jennie Schuffellett	9.	5.
♀ Julia Wynn	15	4.
♀ Jacob Apple	10	5
Israel	8	
Alex.	6.	

Sain

Loss.

$\frac{1}{4}$	$\frac{1}{4}$
$\frac{1}{4}$	$\frac{1}{4}$
$\frac{1}{4}$	
$\frac{1}{2}$	
$\frac{3}{4}$	$\frac{1}{4}$
	$\frac{1}{2}$
	$\frac{3}{4}$
1	
$1\frac{3}{4}$	
$\frac{3}{4}$	
	$\frac{1}{2}$

18. V. 16.

Sarah Wasserman	11	3 days
Edith Herman	16.	3.
Wm Booth	61.	7. re.
♀ Wm Staker	25	7.
♀ Dorothy Staker	9.	7.
♀ Gordon Woolf	7	7
Rena Woolf	10	7
Louisa Cray.	13	7
♀ Mand Stevens	9.	3 re.
Wm Stacey	9	3

$\frac{3}{4}$	
$\frac{2}{4}$	
$\frac{1}{2}$	
$\frac{1}{2}$	
$1\frac{1}{2}$	
$1\frac{3}{4}$	
1.	
$2\frac{1}{2}$	
$1\frac{1}{4}$	
8/7	11/12

20.V.16.

f Mrs. Cath Davis 32 5 days
Elsie Jew. 5 5.

$1\frac{3}{4}$

$\frac{1}{2}$

23.V.16. ~~to~~

f Annie Archer 5 1 day.
f Ake Cohen 14 5.
Mr. Dymov. 24 2. 5.
Mr. Allenby. 41 1
Joe Goldstein 12 5. ~~ss.~~
Mr. Kosky. 31 5. ~~h.~~
f Nellie Boyce 12 5
Fred Moore 12. 1.
f Ernest Knutzel 12. 5.
Grace Paul 3. 1.

$\frac{1}{2}$

$\frac{1}{2}$

$1\frac{1}{4}$

$\frac{1}{2}$

$1\frac{1}{2}$

$1\frac{1}{2}$

$\frac{3}{4}$

$\frac{1}{4}$

$\frac{1}{4}$

$\frac{1}{4}$

25.V.16. Hymen Meister 10 3 days

f Mrs. Dillon 11. 3.
David Lett. 5. 7.
Minnie Green. 12 7.
Rose Wood 12. 3.
Allan Golden 14. 3.
Charles Freborn 14 3
Ada Hawks. 14. 3
George Hillier 7. 3.
Just Skilt. 10. 3.

1.

1.

$\frac{1}{2}$

$\frac{1}{2}$

1.

$\frac{3}{4}$

$\frac{1}{2}$

$\frac{1}{4}$

$\frac{1}{4}$

$\frac{1}{2}$

$\frac{1}{2}$

27.V.16.

Joseph Werablat 15. 2 days
Mr. Karlsten 32 2.

1

$1\frac{1}{2}$

~~Beate Joh. Walgate~~

Mr. Hickman. 37 2
f Mrs. Posner 11 2
Fanny Aaronson 10. 2. ~~ss.~~
Harry Brownstein 3. 2.

2.

$\frac{1}{2}$

$1\frac{3}{4}$

$\frac{3}{4}$

$\frac{3}{4}$

Even 1

7 | 2

20/19/16

Stepney Dispensaries for the Prevention of Consumption.

STEPNEY DISPENSARY,

35, STEPNEY GREEN, E.

TELEPHONE: EAST 1958.

30.V.16.

Gain.

Loss.

Mrs Beattie 5 1 day
 of Rich. Hittleship. 9. 5.
 of Mary Goldstein 12. 1.
 of John Coney 5. 5.
 Leah . 5 5
 Abraham Solomon 13. 5 days
 of Alf Stuber 11 5.
 of Martha Cruikwood 6. 5
 Henry Longman 8 5.
 William . 3 5.



$\frac{1}{2}$
 $\frac{1}{2}$
 $\frac{3}{4}$
 $\frac{3}{4}$
 $\frac{1}{2}$
 $\frac{1}{4}$
 $\frac{1}{4}$
 $\frac{1}{4}$

1.V.16.

Lottie Parsons. 10 3 days
 Mary Barnes 12 3.
 Harry Parsons. 11. 3.
 of Mr. Hall. 25. 3.
 of Ross Dixon 12 3
 Ethel . 9. 3
 Sarah Bennett 10 3
 of Jane Clayman 5 3
 of Charles Gurelsky 11. 3.
 of Mrs. Sarah Welches. 33 3
 Eliza Heath 11. 3

$\frac{1}{2}$
 $\frac{1}{2}$
 $\frac{1}{2}$
 $\frac{1}{2}$
 $\frac{1}{2}$
 $\frac{1}{2}$
 $\frac{1}{2}$
 $\frac{1}{2}$
 $\frac{1}{2}$
 $\frac{1}{2}$

Even 4

+ 7 | 8 1/2

10 | 8 1/4

3. 6. 16.

Gain to Loss

Jack Lawrence	5.	2 days		
Leonard Cohen	6.	2.	$\frac{1}{4}$	
of Geo. Harris	9.	5. h.	$\frac{3}{4}$	
Ho. Stout	10.	2		$\frac{1}{2}$
Mr. Carter	57.	2	$\frac{1}{2}$	
Caroline Mellers	13.	3.		$\frac{1}{4}$
Mr. Mellers	35	3		$\frac{3}{4}$
Annie Green	9.	5.		
Philip Green	6.	5.	$\frac{3}{4}$	

6. 6. 16.

of Barbara Waymark	4	1 day.		$\frac{3}{4}$
of Jay Head	11.	1.		$\frac{1}{4}$
Lydia Marnable	14.	5.	$\frac{3}{4}$	
of John Marnable	12	5.		1.
of Mrs. Kemah	20.	5.		1
Norma	3	5.		$\frac{1}{2}$
Dora	6	5.	$\frac{3}{4}$	
of John Klousky	9.	5.		$\frac{3}{4}$
of William Senn	7	5.		$\frac{3}{4}$
William Rapp	8.	5.	$\frac{1}{2}$	

Scott 8. 6. 16

of Edith Bresh	12	3.		$1\frac{1}{4}$
James Oorland	8	3	$1\frac{1}{2}$	
of Annie Gerhold	11.	3.	$1\frac{1}{2}$	
Geo. Conkey	9.	3		$\frac{1}{2}$
for Herman	12	7.	$\frac{1}{2}$	
of Morris Barker	11.	3.		1.
of Sarah Zimer	"	3.	$\frac{1}{4}$	
of Ed.	7	3.	$\frac{1}{2}$	

9. 6. 16.

of James Zuby	10	1		
of Mrs. Lerner	20	1		

200 4

11 / 82

14 / 92

Stepney Dispensaries for the Prevention of Consumption.

STEPNEY DISPENSARY,

35, STEPNEY GREEN, E.

TELEPHONE:
EAST 1958.

24. VI. 16.

Sain

Am

Elsie Martin.	7.	2 days
Miriam Garfinkle	9	2
Steven Cadymow	8	2
Edw.	5	2
Hyman Schafferblatt	7.	2
Minnie Emerson	10.	2
Thomas Morris	14	2
Miriam Roff	10	2
Eda Crager	12	2
May Taylor	13.	2
Bertram	13.	2
Robt Stokes	11	5
Alice Thornton	12.	2
Albert Sandroff.	7	2

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 $\frac{1}{4}$
 $\frac{1}{4}$
 $2\frac{1}{2}$
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 $\frac{3}{4}$
 $\frac{1}{2}$
—
2
1

$\frac{1}{4}$

$\frac{1}{2}$

27. 6. 16.

Mollie Hoffman.	7.	1
Cissie	7	1
Elly Slater	8	5
Mary Bush	5.	5
Darcy	7.	5
Henry Helper	9	5
May	6	5
Wm H.	31	5
Geo. Harvard	9.	5
W. Kennedy	4.	1

$\frac{1}{2}$

$\frac{1}{2}$

$\frac{1}{2}$

$\frac{1}{2}$

$\frac{1}{2}$

Even 3.

16 | 132

29.6.16.

Sun

Mr. Maitha Philip	12.	7 days
Mr. Ross Woolf	12	3.
Mr. Jacob		
Mr. Jacob	16	3
Mr. Ernest Lambert	9	7.
Phoebe Bond	7	3
Mr. Rothberg	13.	3.
Mr. Jacob Henrich	8.	3
Alf. Martin	9.	7
Walter	8	7
Arthur	13	7
Annie Hesser	9.	7
Alf. Sundrow	5.	3.

1 1/2
1 1/2
1/2
3/4
—
1/2
1/4
1/4
3/4

1/4
1/4
1/4

1.7.16.

Mr. Jones Hayman	30.	1 day
Marie Freygel	6.	2 days
Mr. Holmes	20.	5.
Ho.	4	5.

1
1/4
1/4

4.7.16.

Bessie Jacobs	13	1 day
Mr. William Bonner	7	7.
Miss Brown		
Harry Goldstein	12	1.
Marion Cooper	7	1
William Walling	13.	5.
Cent Jacobs	9.	7.
Sam Bennett	7.	5.

1/4
2.

1/2.

Even 4.

4 | 1 3/4

13 | 10 3/4

CASES OF TUBERCULOUS MENINGITIS.

1. E. D., age 33, single, railway worker, on Sunday 20th November, 1910, suddenly gave a great cry and fell down unconscious. I saw him within 30 minutes and found him with flushed face, breathing stentorously and still unconscious. The left side of the face was flaccid, the right arm and right leg were limp, while the left arm and leg were rigid. The knee jerk was exaggerated on left side, absent on right. Plantar reflex normal on right side, absent on left. Pupils equal and dilated. Apex beat in 5th interspace inside nipple line, cardiac dulness area normal in extent. Good tone. No murmurs, action regular. Pulse 90, full but fairly easily compressible.

(Dulness on percussion over left lower lobe with good air entry. No added sounds. Temperature 101.⁰ 2.

Three years before he had suffered from "wet pleurisy" of the left lung and had been "tapped" twice. After an illness of ten weeks he recovered. No history of other illness. He had appeared to be in normal health that morning and had not recently complained of feeling ill. ^{He was} ~~Never~~ addicted to alcoholic excess.

One sister had died of Pulmonary Tuberculosis.

As it appeared to be a case of Cerebral Haemorrhage, he was put to bed and 1 minim Croton oil administered.

24 hours later he regained consciousness. Temp. $99^{\circ}.6$. pulse 90. Respiration 25 per minute. There was now no stertor. Flaccidity of left side of face and right arm and right leg had gone. Both knee jerks exaggerated. Plantar reflexes normal. Pupils equal and reacted to light and accommodation. No abnormality of sensation. Heart and lungs as before. His bladder and bowels had acted. He was ordered to remain in bed.

Next day he was very restless. Temp. $100^{\circ}.2$. Pulse 100. He complained of frontal headaches. At night he became delirious and required gr. $\frac{1}{2}$ Morphia hydrochlor. hypodermically, to quieten him.

On Wednesday 23rd Nov. he complained of pain in both lower limbs. Plantar reflexes were now extensor in type. An occasional crepitation which cleared on coughing was to be heard at the left base. Temp. 100. p. 94.

On Thursday there was a definite Kernig's sign. The pupils were now dilated and reacted sluggishly to light. Lumbar puncture was performed and 5 oz. fluid removed.

On Friday definite Optic Neuritis could be made out and there was tenderness on palpation at the back of the neck. Temperature $101^{\circ}.4$. pulse 108.

On Saturday head retraction set in. The abdomen was now scaphoid. He seemed unable to recognise anyone and was in a state of muttering delirium, whence he could be aroused only for a minute or two and could answer questions. The optic

neuritis was now more marked.

On Sunday the temp. rose to $104^{\circ}.6.$, pulse 140. He was absolutely unconscious and lay in characteristic position on his side with head fully retracted and knees drawn up. He had to be fed through a tube.

He gradually sank and died on Wednesday 30th Nov.

No post mortem was allowed.

2. Q. H., girl age 8 years, sailed from Glasgow on Saturday 16th April, 1910 on S.S. Athenia on which I was Ship Surgeon. She was travelling with her grandparents to join her parents in Canada.

My attention was drawn to her on Monday 18th April because of excessive sea-sickness. The passage so far had been rather rough. She looked very ill and wretched and on the verge of collapse. The grandmother stated that the girl had taken no nourishment since leaving Glasgow; that she had vomited constantly since leaving the Clyde, and that water even could not be retained in the stomach. The bowels had acted freely. The temperature was 96.⁰ 8. pulse 128 regular but thready. Heart and lungs normal. She was put to bed with hot water bottles and a rectal feed of 30 min. Brandy, eggs and milk to 6 oz. administered every 4 hours.

On Tuesday 19th April she was no better. Vomiting continued. She complained of severe vertical headache. Pupils equal and active. As she looked very ill, I had her removed into Ship's Hospital. Temperature and pulse as before. Kernig's sign was now present.

On closely questioning the grandmother she acknowledged that for a week before sailing the child had not been herself, but the grandmother attributed this to the excitement natural to a child about to make such a long voyage to meet her parents. I recalled then that a girl had been carried in a

woman's arms on board the boat at Glasgow. When the Board of Trade Medical Inspector of Emigrants asked why the girl was not walking, the answer given was that the child was too tired to walk, as she had been travelling for 24 hours in the train from the North of Scotland.

According to the grandparents, the family history was good.

On Thursday the temperature had risen to $99^{\circ}.2$. pulse 100. Vomiting had ceased. The child looked better but there was distinct head retraction. Plantar reflex extensor.

On Friday a slight extensor ^{crural} strabismus was manifest in the right eye. Head retraction more marked. Temp. $99^{\circ}.6$. No vomiting. She was now able to take milk by mouth and to retain it. She refused to take solid food.

On Saturday strabismus was more marked and she lay in a typical meningeal position with head retracted and knees drawn up and resented interference. She rambled in her speech and did not seem to recognise her grandmother. There was obvious loss of flesh.

On Sunday at Quebec the Canadian Port Medical Officer came on board. After satisfying him that the case was not one of Typhoid Fever, the child was removed to Jeffrey ^{Hale} Hospital where she died a week later. The Hospital authorities diagnosed the case as Tuberculous Meningitis. No post mortem was allowed.

3. John Gardiner, age 6 years, residing with his parents in Andrie, after being, as his mother said, "unlike himself" for three or four days, on 9th June 1913 complained of headaches and was put to bed. I saw him the same day. He was a well nourished child, with delicate features. He had a hectic flush with circumoral pallor. Temperature 102^o.4 pulse 128. Respiration 26. There was no rash and tongue was clean. Nothing abnormal could be found in heart, lungs or abdomen. Knee jerks brisk, plantar reflex normal.

His parents informed me that although he had never had a serious illness, he had always been regarded as delicate, and had frequently required medical attention for slight ailments such as colds and headaches. The family history was good.

There had been no movement of the bowels for over 24 hours. I prescribed a purgative and Aspirin gr. V.

On 10th June the temperature had fallen a degree but he still complained of headache and was very restless. The bowels had acted--normal stools which I saw. He now refused all food. Nothing abnormal to be found in heart, lungs or abdomen. Aspirin was continued gr. V. t.i.d.

The following day the temperature had fallen to 99^o.8 pulse 96. His eyes stared straight in front and he seemed to take no notice of anyone but his mother. She informed me that he had taken about 10 oz. of milk that morning and had vomited it half an hour later and had continued to vomit clear

fluid for about 2 hours. There was still no rash and the bowels were acting well. No physical signs of disease to be otherwise detected. The abdomen was soft and nothing abnormal to be palpated.

Later that day I was called in because the child had had a convulsive seizure lasting 15 minutes. When I saw him he appeared sleepy, but the temperature was now $100^{\circ}.2$.

Next day the right eye showed a slight degree of external strabismus. Kernig's sign was present in both lower limbs. Lumbar puncture was performed and 5 oz. fluid which came out with more than normal rapidity was removed. It was neutral in reaction, thickened on standing, not sufficiently to be called coagulation, and gave a positive reaction to the tests for sugar and albumen. Microscopically it contained many small lymphocytes. Temp. $102^{\circ}.4$, pulse 128.

On the 13th June head retraction was present. Examination of the fundi was attempted but the child was too fractious and the effort had to be desisted from. Lungs were still clear of abnormal physical signs.

A day later the knees were drawn up to the abdomen and head retraction was more marked. He lay on his side in a comatose condition. Pupils dilated, face flushed. Temp. $103^{\circ}.8$ pulse 140 and irregular. There was a marked Tâche cérébrale. He could take only fluid nourishment through a sick cup. This comatose condition with high temperature lasted for four days when he began to resent interference and on occasion would lie

on his back. Temp. fell to $101^{\circ}.6$.

Two days later he returned to his comatose condition lying on his side with head retracted and legs drawn up and temperature rose again to 103° . This lasted for 3 days.

Then the temperature began again to fall. Kernig's sign began to be less marked, the rigidity of the muscles at the back of the neck became less. He lay more and more in a natural position and displayed a better appetite and more interest in his surroundings. At the end of a fortnight the temperature was $99^{\circ}.2$, pulse 100. There was no head retraction, knee jerks exaggerated, plantar reflex normal. There was still some external strabismus in the right eye. He was inclined to be fractious and easily upset.

He was allowed up on 10th July and continued to progress. When I saw him a year later there was no strabismus and the parents assured me that he was in every way normal.

...

CASES OF SUB-PHRENIC ABSCESS.

1. Elizabeth Gardiner, aged 20 years, married, ¹/₆ Blennerhasset, Brayton, was admitted to Cumberland Infirmary, Carlisle, on 8th October, 1912.

Three weeks before admission patient was confined and delivered of a healthy male child with instrumental aid. A week later she began to be feverish and to have pain in epigastrium. Lochiae and uterine conditions normal. The feverishness and pain grew worse and her doctor sent her into hospital.

On admission temperature $100^{\circ}.2$, pulse 120. Nothing abnormal was discoverable in chest, abdomen or pelvis. Left border of Cardiac dulness $2\frac{1}{2}$ inches from mid sternum. Patient was a well nourished, well developed healthy woman with no record of previous illness. I discovered that the heart was being displaced gradually to the right with disappearance of the apex beat. The left lobe of the liver was pushed down, and on 10th October I made out left border cardiac dulness $1\frac{3}{4}$ " from mid sternum, with slight dulness and diminished respiration at the bases of both lungs. On 11th needle exploration revealed clear fluid in left base only. Later that day Hippocratic anvil sound could be made out in front in the 4th left intercostal space. Sub-phrenic abscess was dia-

gnosed and operation arranged for.

On 12th October Mr. Norman MacLaren F.R.C.S. operated. A long exploring needle was inserted in 10th space below angle of left scapula, pushed through the pleural cavity and diaphragm, and blood and pus found. The needle was left in position and a portion of the rib beneath removed. The pleura was opened and stitched to diaphragm. The diaphragm was then opened and pus found in a small cavity under the diaphragm to the amount of $\frac{3}{4}$ oz. Nothing could be found to account for this. Drainage tube inserted and wound closed. Three days later the drainage tube was removed. Patient made an uninterrupted recovery and left the hospital well, on 2nd November, 1912.

Whether this abscess had a connection with, or was a consequence of, her confinement could not be determined.

2. William Armstrong, age 47, printer - 25, Margery St., Carlisle, was admitted into Cumberland Infirmary, Carlisle under Dr. Bird on 2nd January, 1912.

Four weeks previously he experienced sudden acute pain of a stabbing character on the right side, exacerbated on deep inspiration and movement; beginning at the level of the right scapular angle and running along to the nipple line. Except for this pain and accompanying loss of appetite he felt well. The pain gradually changed in character and a week before

admission it became continuous and gnawing, and more easily exacerbated by deep inspiration and movement. There was no cough or sputum. He began to vomit clear fluid, not related to meals, and he took to bed. He was treated for "Wet" Pleurisy, and not responding to treatment, was sent to hospital.

For 30 years patient had been subject to attacks of dyspepsia. Apart from this he had always been healthy. Parents both dead - causes unknown to patient. 6 children alive and well.

On admission patient looked pale, emaciated and in generally poor condition.

<u>Circulatory system:</u>	Cardiac dulness	(Left border 4. inches
		(to left of mid sternum
		(Right border, mid stern-
		um.
		(Upper border, 4th rib
		(upper border.

Apex beat in 5th interspace, palpable and barely visible.
No thrills, cardiac sounds feeble, but pure and regular.
~~Mitral~~ and pulmonic second sounds both accentuated.

Pulse weak, arteries thickened.

Pulmonary System:

Chest expansion $1\frac{1}{4}$ ". Diminished movement at right base.
Intercostal spaces fuller at right base than left, but
not bulging.

Percussion note impaired at both apices, more marked at
right than left. Absolute dulness over right lung

in front from middle of 3rd interspace, in the axilla from the 4th rib, at the back on a level with 6th dorsal spine.

At right apex on auscultation the breath sounds were weak with prolonged expiration and a crepitant note heard at end of forced inspiration. Respiratory murmur only faintly audible at right base with almost no vocal resonance. Left lung normal.

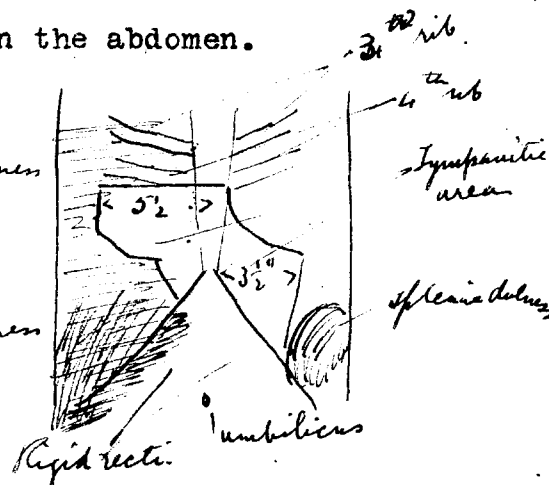
Alimentary System: Teeth bad and foul. Tongue furred.

Abdominal muscles rigid, especially above umbilicus.

Right rectus more rigid than left and tender on pressure to right of epigastrium and also close to 9th and 10th ribs. Owing to the rigidity of the muscles nothing could be palpated in the abdomen.

Succussion present. Area of tympanicity as shown in sketch. Lung dulness
Liver dulness area cannot be accurately delineated owing to dulness at pulmonary base and rigidity of rectus.

Splenic dulness slightly enlarged.



On rectal examination prostate enlarged.

An exploring needle was inserted and a syringe of turbid fluid was removed from right pleural cavity.

Microscopic examination showed abundant small lymphocytes, with an amorphous deposit of unknown ^{origin} ~~cavity~~. No pus.

4.1.12. Blood examination H^b. 75% Red cells 4,000,000.

Leucocytes 47,000. Liver edge was felt 2" below costal margin.

Patient was seen by the surgeon, Dr. Ramsay, who recommended operation.

5.1.22. Dr. Ramsay aspirated the fluid and removed 43 oz.

of greyish fluid with a faecal odour. An incision was made below the costal margin posteriorly and drainage tube inserted.

The patient bore operation well but gradually sank and died on 11th January.

A postmortem examination showed a bottonhole perforation of the great colon at the hepatic flexure. It had indurated edges and was evidently of old standing. The colon contents had worked their way up behind and over the liver and ruptured the diaphragm which was very thin on the right side. No other ulcers present in stomach, bowel or colon. Liver showed slight fibrosis. Spleen soft and pulpy.

MacKnight Scott
~~72 W. 4th St~~
* Watson Avenue
Rutherford