

To accompany Thesis

by

John Forbes

M.B.C.M. &c.

APPENDIX I.

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OBSERVATIONS IN

PNEUMONIA.

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Case 1.M., Thomas, aet. 20.Croupous Pneumonia  
(Lower Lobe Left Lung).Result: Recovery.

Date	Day of Disease	Temp.	Total Leuc. <sup>s</sup> per c. mm.	Percentage Ratio			
				P.	LM.	LY.	E
Jan 4	1	e. 104.8	- -	-	-	-	-
" 5	2	m 104.8 e. 102.	20,700 - -	91 -	6 -	3 -	0 -
" 6	3	m 104.8 e. 103.6	22,200 - -	89 -	7 -	4 -	0 -
" 7	4	m 102 e. 104.6	14,100 - -	90 -	5.5 -	4.5 -	0 -
" 8	5	m 103.2 e. 102	6600 - -	84 -	9.5 -	5.5 -	0! -
" 9	6	m 103 e 100.2	9600 -	81 -	13 -	6 -	0! -
" 10	7	m 100.6 e 102.4	20,900 -	90 -	6 -	4 -	0 -
" 11	8	m 99 e. 98.8	- 12,500	- 79	- 9.5	- 10.5	- 1
" 12	9	m 98.4 e. 99	- 9,600	- 78	- 9	- 13	- 0
" 14	11	Temp. Normal Subnormal.	12000	79	7.5	13	.5
" 18	15		15600	78	7	15	0
" 23	20		8,500	65	8	22	3

For Notes of Case (See over.)

A (2).

Case 1) (continued.)

Notes. - Jan 4. Rigor on morn. of this day. Pulse 120. Resp 33.  
Slight Dulness l. side below sp. of scapula.  
Jan 5. Rusty sputum. Fraenkel and Friedlander's  
organisms present in sputum.  
Jan 7. Pulse 90, very diastolic. Resp 40.  
Marked dulness over l. lower lobe. Br. Sounds  
amphoric & crepitations.  
Jan 8. Patient very weak and delirious.  
" 9 " quieter; pulse 98, stronger but still diastolic.  
" 10 " much stronger; pulse not so diastolic.  
" 11 Crisis; resolution commencing after Jan 12. Temp  
remains normal excepting transient rise even of  
Jan 15, to 102.  
Feb 6. Patient dismissed from hospital; resolut. complete.

Case 2.

F., Matilda, aet 31.

Croupous Pneumonia of Left Lung.

Date	Day of Dis	Temp	Total Leuc. per c. mm.	Percentage			Result: Ratios	Recovery
				P.	LM	LY		
Feb 5	(?) 8	101.2	20,000	91	4.5	4.5	0	
" 6	9	102.6 101.2	25,000 -	91 -	4 -	5 -	0 -	
" 7	10	100.8 100.2	18,000 -	88 -	6 -	6 -	0 -	
" 8	11	100.2 98.4	17,200 -	78 -	11 -	11 -	0 -	
" 9	12		22,000	82	7.5	10.5	.5	
" 11	14		13,800	85	4	11	0	
" 15	18	Normal	7,800	74	9	17	0	
March 3	34	Sub-normal	4,500	77	5	16	2.	

For Notes of Case (see over)

A (3)

Case 2 (continued)

- Notes. - Jan 29. Felt ill; rigors, pain in side.  
 Feb 5. Adm to hospital. Marked dullness l. side;  
 Abs. in axilla below 5<sup>th</sup> R.; br. tubular; herpes;  
 slight jaundice; rusty sputum.  
 " 9. High pitched rison. in axilla; br. sounds tubular  
 at apex; at base fine crepit; slight alt. in urine.  
 " 24. Slight dullness in l. axilla and behind at l. base,  
 Vol. from. in ex. c; a few crepit. chris.  
 March 3. Dismissed well; phys signs consid. dis ap.

Case 3.

A., Mrs act. 25.

Croupous Pneumonia of Rt. Lung.

Result: Recovery.

Date.	Day of Disease	Temperature	Total Leuc.	P	LM.	LY	E
March 17	5	103.8	-	-	-	-	-
" 18	6	99.2 102.4	20600 -	85 -	9 -	6 -	1 in 300
" 19	7	98.0	7800	79	10	9	2%
" 20	8	Temp. Normal Sub. normal.	5600	72	15	10	2.5
" 22	10		6400	67	14	14	4.5

- Notes. - March 13. Pain in rt. side shivered.  
 " 17. Dullness & crepit. in rt. axilla.  
 " 19. Stupor rison. infra-clav. reg. rt. side. Dullness  
 bel. sp. of scap. behind. Br. bronchial, voc. res. inced.  
 " 20. Dullness apex to base behind; crepit. in rt. axilla &c.  
 " 31 Dismissed. Rt. side cleared up.

Case 4.F. James aet 13.

Croupous Pneumonia.  
(Lower Lobe Rt. Lung.)

Result - Recovery.

Date	Day of Dis.	Temp.	Total Leuc. per c.mm.	P.	Percentage Ratio		
					LM.	LY	E.
Feb 6	2	e. 104.4	-	-	-	-	-
" 7	3	m. 105 e. 103.6	-	-	-	-	-
" 8	4	m. 103.8 e. 102	14,800	84	8	8	0
" 9	5	m. 101.6 e. 102.6	6300	77	11	12	0
" 10	6	m. 101.6 e. 103.6	7000	73	14	13	0
" 11	7	m. 100.7 e. 101.	8500	80	11	12	0
" 12	8	m. 100.8 e. 100.	12000	80	9	11	0
" 13	9	99.6	-	-	-	-	-
" 14	10	98	10000	67	8	24	1
" 18	14	98	6000	58	6	35	1

Feb 5. Had pneumonia one year previously. Fell weak, when at work; got a cold by turns.

" 6 Began to cough. Adm R.I.E P. 110 Resp 40.

Dullness, crepit. no. base behind. Friction in front to 4<sup>th</sup> Intersp. High pitched bronchial breathing behind. Sub. sp. of scap.

Vox Res. +; Fraenkel's diplococci in sputum; urine - cloudy scanty, no albumin.

" 13 Phys. signs of resolut.

" 20. Resol. practically completed.

A (5)

Case 5.

H., Helen. act 10

Croupous Pneumonia.

(Middle and Lower Lobe Rt Lung.)

Result. Recovery.

Date	Day of Dis	Temp.	Total Leuc. per c. mm	Percentage Ratios.			
				P.	LM	LY	E
Feb 26	4	e 103.6	<del>103</del>	-	-	-	-
" 27	5	m 104	29200	90	5	5	0
" 28	6	m 104	=	-	-	-	-

Notes - Rigor Feb 23. Adm. Feb 26. Delirious and feeble pulse from Feb 27 - March 3. Crisis - March 3. Recovery good.

Case 6

Fr., James

Croupous Pneumonia.

Result. - Recovery.

Date	Day of Dis.	Temp.	Total Leuc.	Percentage Ratios			
				P	LM	LY	E
Feb 26	3	e. 101.8	-	-	-	-	-
" 27	4	m 102.2 e 104.	20800	82	12	6	0
" 28	5	m 98 e 103.8	19400	82	5.5	12	.5
" -	-	-	-	-	-	-	-
Mar 1	6	m 97 e. 97	13800	63	12	25	0
" 2	7	-	9000	60	4	30	1
" 3	8	Normal Subnormal	6800	64	10	21	5
" 5	10	-	5400	65	7	24	4

Feb 24. Shivered, vomited, pain in side.

" 26 slight dullness corresp. to rt. upper lobe; crepitar.

" 28. Temp fell, pulse, resp. rate fell, appeared to have crisis; at night pulse, resp. became increased in frequency, temp rose to 103.8.

Diagnosis: Croupous Pneumonia. Upper Lobe Rt Lung.

(A6)  
Case 7.

E., Peter aet 9

Croupous Pneumonia

(Lowest lobe rt. lung).

Result: Recovery.

Date	Day of Dis.	Temp	Total Leucoc?	Percentage Ratios			
				P.	LM.	LY	E
March 6	2	c. 102.4	-	-	-	-	-
" 7	3	m 103 c 104	-	-	-	-	-
" 8	4	m 103 c 102	-	-	-	-	-
" 9	5	m 101.8 c 102.2	17600	90	4	6	0
" 10	6	m 101.8 c 100.2	18000	89	4	7	1 in 500
" 11	7	m 100 c 101.2	13300	83	9	7	4 in 500
" 12	8	m 98.2 c 100.6	-	-	-	-	-
" 13	9		15000	69	13	15	2
" 14	10		8000	67	11	16	5
" 15	11	Normal Subnormal	10700	67	10	20	3
" 18	14	Normal Subnormal	7800	71	10	18	1

Notes. - Nas. Rign, vomited, pain in head. Same night pain in rt. side, feverish. Adm to Hospital. even of March 6.  
 On admis. Resp 48. Pulse 126. Craxia. of l. lobe rt. lung. 72 sds. tubular. Sputum rusty. Sterpes on upper lip and submax. region.

Patient made a good & quick recovery.

(A7)

Case 8

B., James act 22.

Lobar Pneumonia (Rt. Lung)

Result: Recovery.

Date	Day of Ill	Temp.	Total Leucocytes	Percentage Ratios			
				P	LM	LY	E
Mar 21	6	e 102	15700	86	7	6	.5
" 22	7	m 101.4	15000	83	6	8	3
" -	-	e 100.2	-	-	-	-	-
" 23	8	m 99.8	15000	76	7	11	.5
" -	-	e 99.4	-	-	-	-	-
" 24	9	99.8	-	-	-	-	-
" 25	10	98.0	-	-	-	-	-
" 26	11	97.4	-	-	-	-	-
" 27	12	98	12200	73	8	12	6

Notes - Ill six days - Cough. Severe pain in rt side.  
 Phys. signs consol. whole of right-side. accomp.  
 w. acute bronchitis.  
 Sputum - viscous, Fraenkel's diplococci found.  
 Mar 24. - Consol. at base; friction. Resolut. proceed<sup>s</sup>.

Case 9.

Fr. Donald act-19.

Lobar Pneumonia (L. Lung & Lobe)

Result: Recovery.

Mar 20.	4	m 100.6	28600	91	5	4	0
" "	"	e 101.4	"	"	"	"	"
" 21	5	m 98	10600	74	14	12	0
" "	"	e 98	"	"	"	"	"
" 22	6	m 101	7600	68	10.5	20.5	1%0
" "	"	e 98	"	"	"	"	"
" 23	7	m 97	"	"	"	"	"
" "	"	e 97	"	"	"	"	"

Mar 17. Pain in rt. side; shiverings. Mar. 19. Sputum, blood stained  
 Mar 20 Adm R.D.E. Diag. Lobar Pneumonia  
 L lower lobe. Resolution slow.

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Case 10D., W., act 45

Lobar Pneumonia.

Result : Recovery.

Date	Day of Dis.	Temp	Total Leuc.	Percentage Ratios			
				P	LM	LY	E
Mar 27	35	103.6	26800	91	5	4	0

Note - Clinically - typical case of lobar pneumonia.

Case 11C., Charles act 23

Groupous Pneumonia of R. Lung.

Result : Recovery.

Mar 29	5	103.4	16200	86	9	5	0
" "	-	102.6	-	-	-	-	-
" 30	6	101.4	32000	89	7	4	0
" "	"	102.6	-	-	-	-	-
" 31	7	103.2	33000	92	5	3	0
" "	"	100.4	-	-	-	-	-
Apr 1	8	97.2	18000	83	7	10	0
" "	"	99.8	-	-	-	-	-
" 2	9	98.6	-	-	-	-	-
" 3	10	100.	-	-	-	-	-
" "	"	99.4	-	-	-	-	-
" "	"	100.4	-	-	-	-	-
" 4	11	98.2	-	-	-	-	-
" "	"	98.6	15500	69	19	12	0
" 5	12	98	-	-	-	-	-
" 6	13	98	12800	55	20	25	0
" 10	17	98	9800	60	16	22	1

Notes. - Mar 25. Severe pain in stomach, vomited, rigors.  
 " 27. Sputum - blood stained.  
 " 28. Phys signs - hehmit, complete consol. R. lung  
 apex to base, tub. breathing, vac. Res +  
 Apr 1. Pat. Delir. towards night.  
 Apr 4. Temp normal. Consol. still marked,  
 crepit. Resv. speedy. Resol. quiet

Case 12M., Archibald act 14.

Croupous Pneumonia

(Lower lobe L. Lung).

Recovery.

Date	Day of Dis	Temp	Total Lenc.	Percentage		Ratios	
				P	LM	LY	E
March 29	4	103	27000	89	5	6	0
" 30	5	103.8	16000	87	8	5	0
" "	"	100.2	-	-	-	-	-
" 31	6	100.6	15200	85	8	6	0
" "	"	102	-	-	-	-	-
Apr 1	7	97.6	-	-	-	-	-
" "	"	98	-	-	-	-	-
" 2	8	98.8	6400	63	10	23	3
" "	"	97.8	-	-	-	-	-
" 3	9	97	5600	67	7	22	4
" 4	10	97.4	-	-	-	-	-

Adm. Mar 29 - No definite signs; pain began in side on March 26. Pat. remained in bed.

Mar 30. Phys. signs consol. l. lower lobe, cough, no expecta.

Apr 1. Delir. at night. P. 96 Resp 44.

Apr 3. Lung resolving.

Patient made good recovery.

Case 13.

A., Thomas, age 22.

Rt. Sided Crampus Pneumonia

Pleurisy with effusion.

Result - Recovery.

Date	Day of Dis	Temp.	Total Leuc.	Percentage Ratio			
				P.	LM.	LY	E.
Mar 29	-	4 pm 105	18000	87	7	6	0
" 30	-	7 99.4 e 101.8	15600	85	6	8	.5
" 31	* 1	7 99.4 e 103	13400	85	7	8	1.5
Apr 1	* 2	7 102 e 105	38000	92	5	3	0
" 2	* 3	7 103.8 e 105.6	54000	93	5	2	0.
" 3	* 4	7 102.4 e 102.2	20000	91	4	5	0
" 4	* 5	7 101.8 e 103.4	32000	95	3	2	0
" 5	* 6	7 101 e 103	35000	90	6	4	0
" 6	* 7	7 98.2 e 101.4	30400	87	6	7	0
" 7	* 8	7 98	15600	80	8	10	0
" 8	* 9	7 100.8.					
" 9	* 10	7 98	15800	87	6	7	0
" 10	* 11	7 99					
" 11	* 12	7 97.4	22600	75	9	15	0
" 14	* 15	7 98	15800	71	7	21	0
" 20	* 21	7 99	10400	76	5	15	0.

Notes - Mar 17. Unable to work; felt ill, shivered; stayed in bed two days; went back to work.

Mar 24. Notice of some blood in sputum; pain in l. side of chest - cough. Mar 25. Pain in l. side of chest worse.

Mar 29. On admission dulness in l. side; pleur. signs of effus.; expect 30% clear exp. pleur. no effus. with drainage. Rt. side dulness slight in inf. - low. exp. Back slight dulness above sp. of scapula. Sputum - mucous - Fraenkel's pneumococci.

Apr 1. Slight dulness at l. base. Pleur. and dulness re. long front & back. Post-ictal breathing. Pulse 124. Resp 40.

Case 14.

W., James, alt 19.

L. Sidel Croupous Pneumonia.

Empyema.

Result: Recovery.

Date	Day of Disease	Temp	Total Leucocytes	Percentage Ratio			
				T	LM	LY	E
Mar 30	4	102.2	20800	88	9	3	0
" 31	5	101.6	21300	86	10	4	0
Apr 1	6	101.8	16000	88	7	5	0
		100					
" 2	7	101	24000	86	8	6	0
		99					
" 3	8	100.5	18400	84	9	6	0
		99					
" 4	9	99.2	14800	84	9	6	0
		99					
" 5	10	99	7200	78	11	10	0
		99					
" 6	11	98.2	13200	86	8	5	0
		98					
" 7	12	100	7600	72	17	11	0
		99.8					
" 8	13	101	7600	72	17	11	0
		99					
" 9	14	101.2	7600	72	17	11	0
		98					
" 10	15	100	7600	72	17	11	0
		98.2					
" 11	16	101	7600	72	17	11	0
		99.6					
" 12	17	100.2	7600	72	17	11	0
		99.6					
" 13	18	102	7600	72	17	11	0
		99.4					
" 17	22	100.2	7600	72	17	11	0
		101.6					

Notes. - Mar. 17. Took ill; shivered, severe pain in l. side.  
 " 30. Adm. R.S.P. Severe pain in l. side.  
 Below sternal sputum, anterior almost-absolute apex to base, front & behind, l. lung. Behind l. sounds distant-but clear.  
 " 31 - L. lung, abs. anterior behind and in front; hypod. needle inserted into l. base no fluid.  
 Apr 3. Torrey note supra. Clear neg. in front, dullness & base behind; br. sds. absent. Apr 8. L. base aspir 20 g  
 21 g sero-purulent fluid removed Apr 14. 25 g pus removed.  
 Apr 14. Post-op. note. Pleura found not to be much thickened at operation. Pneumococci (encapsulated) found in pus.

A(12)

Case 15

S., Wm., Acute Lobar Pneumonia,  
Empyema.

Result: Recovery.

Date	Day/Dio.	Temp.	Total Leucoc.	P.	Percentage Ratios.		
					LM.	LY.	E.
Mar 16	3	103	27200	92	6	2	0
Mar 17	4	102. 100.2	17000	91	6	2	0
" 18	5	100.2 100					
" 19	6	99.6 99.8	14400	79	15	6	0
" 20	7	99.6 99.2					
" 21	8	98.4 100	23000	72	15	10	0
" 22	9	100.6 100.6					
" 23	10	99.8 98					

Mar 14. Pain in l. side; vomited; rig. r.

16. Adm hosp. Temp 103. R 36. P 90. Phys. signs

consist. w. side.

20 Phys. signs fluid. 60 g pus aspir. Grammel's pneumo-  
cocci in great numbers in pus.

" 23. 35 fluid by pus aspir. Pneum. sent to surgical  
wards.

Case 16.

G., Jas. age 59.

Croupous Pneumonia w.

Result: Death.

Date	Day/Dio.	Temp.	Leuc.	P.	Percentage Ratios.		
					LM.	LY.	E.
Jan 9	? 5	4 p.m 100.6	15000	93.5	3.5	3	0
Jan 10	? 6	4 a.m 100					

Notes. - Adm. R.I.S. Jan 9. delirious, ill 4 or 5 days.

Rusty sputum. Grammel's pneumococci in great numbers.

Death: Jan 10. 6 a.m.

Section Day: Croupous Pneumonia, Grey Hepatis abn. upper

A(13)

Case 17.

M., Robert age 26.

Croupous Pneumonia (Rt. Lung).

Result: Death

Date	Day/No	Temp.	Total Leuc.	Percentage Ratio.			
				P.	LM.	LY.	E.
Nov 6	1	c. 105					
" 7	2	m 102.4 c. 103	13000	72	24	3	0
" 8	3	m 100.8 c. 100.8	14200				
" 9	4	m 101.6 c. 101.8	14400				
" 10	5	m 102.6 c. 102.6	14000	90	5	4	0
" 11	6	m 101.4 c. 102	15000	92	5	2	0
" 12	7	m 101.8 c. 102	16300	95	3	2	0

Notes. - Nov 6. Pain in rt. side, rig. cr. Pulse 124.  
resp 38.

" 8. Rusty sputum, phys. signs consol.;  
great pain in rt. side.

" 10. Fluid base rt. lung.

" 11. Exam of blood 10.30 a.m.  
after this pulse feeble. Death 9 p.m.  
Pain in rt. side. Cont'd till death.

Clin. Diag: Croup. Pneumonia.  
Consolid. of whole of rt. lung.

April

Case 18.

F., Philip, act 37.

Croupous Pneumonia of Rt Lung.

Right Hemiplegia.

Result: Death.

Date	Day of Dis	Temp.	Leucoc.	T	Percentage Ratio			E
					LM	LY		
Apr 16	? 6	c. 102						
" 17	7	7 102.5 c. 103	28600	90	5	4	0	
" 18	8	7 102.2 c. 103.6	30000	92	4	4	0	
" 19	9	8 a.m. 104 12 noon 104.6	29600	91	4	5	0	

Notes - Apr 16. Adm & Strip. Stab sign, vomited on Apr 11  
 " 17. Hemiplegia came on gradually.  
 " 17. Marked signs emphysema of whole of rt. lung.  
 Rusty sputum.  
 " 19. Death. 3 p.m. No Section.

Case 19.

G. James act 59.

Croupous Pneumonia.

Acute Pericarditis.

Result: Death.

Jan 9	? 5	12 noon 100.6 5 p.m. 100.2 12 a.m. 100	15000	93.5	3.5	3	0
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Notes. History indif. Alcoholic.  
 Adm Jan 9. Died early on Jan 10.  
 Section. Grey Hepatis. Rt upper lobe.  
 Acute pericarditis.

A(15)

Case 20.

B., Henrietta, act 27.

Croupous Pneumonia of Rt. Lung.

Result: Death.

Date	Day/Day	Temp	Leucoc. P	Percentage Ratio			
				LM	LY	E	
Apr 16	7	102.6 103	17000	90	4	5	0
" 17	8	103.6 103.6	17800	92	3	4	0
" 18	9	102.8 103.2	-	-	-	-	-
" 19	10	103.8 103.8 (12 mm)	-	-	-	-	-

Notes - Apr 16, 7<sup>th</sup> day, admitted.

on Apr 10 had rigors and vomited.  
Pain in rt. side.

On adm. pat. very weak. Apr 19 death 12 noon.

Section. Early grey hepatitis, whole rt. lung; no other changes.

Case 21.

B., Matthew act 39.

Croupous Pneumonia.

Result: Death.

Apr 16.	5.	103.2 103	4600	See Desc.
" 17	6	100.2		

Notes - Apr. 16 Section. Grey hepatitis, rt. lung,

l. lobe.  
Small hydatid cyst in liver.

Case 22

W. Henry age 51.

Acute Pneumonia.  
(Cerebral Tumour)Result: Death.

Date	Day of Dis.	Temp.	Total Leuc.	Percentage Ratios.
Feb 1.	-	m 97.6 e. 98		See Special Note in Desc.
" 2	1	m 99.4 e. 102.	4400	
" 3	2	m 101.4 e. 104.		
" 4	3	m 103.5 e. 106.4	7400	

Adm. R. S. S. Oct. 21, 1896. Diag. - Cerebral Tumour.  
Temp normal up to Feb 2 1897 when had rigor;  
Temp elev, pulse and resp. became rapid. Pulse  
scarcely perceptible at time of blood examination 11 a.m.  
Feb 4, 6 p.m.

Sec'do diag. - Small area of consolidation involving  
mid and lower lobe rt. lung. Cerebral  
Tumour.

Case 23

C., David act 42.

Croupous Pneumonia.

Result: Death.

Date	Days Dis	Temp	Total Leuc.	Percentage Ratio's
March 22	2	c. 103	6200	<u>See Special Note</u> <u>in Text.</u>
" 23	3	m 103.6 c. 102.8	5500	
" 24	4	12a. m 103.4		

Adm. Mar 22. Had a "fit" on March 21 - drinking  
heavily for some time. On admission suffering  
from delir. tremens.

Phys. signs lobar pneumonia.

Death Mar 24. 4.30. a. m.

Section diag: Acute pneumonia. Rt. lung, passing  
into grey hepatized area.

A P P E N D I X II.

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B I B L I O G R A P H Y.

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## BIBLIOGRAPHY.

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Note. It will be noted that of the 92 references here given, 90 of these occur in books or periodicals published within the last ten years. For the older references I am specially indebted to the text books set forth in Part I (1-10) of this Bibliography.

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