

**AWM4**  
**Australian Imperial Force unit war diaries,  
1914-18 War**

Medical, Dental & Nursing

**Item number:** 26/63/24

**Title:** No 2 Australian Casualty Clearing  
Station

July 1918



AWM4-26/63/24

699

**CONFIDENTIAL.**

ORIGINAL.  
~~DUPLICATE.~~  
~~TRIPLICATE.~~

**Australian Imperial Force.**

**WAR DIARY**

OF

*2<sup>nd</sup> Australian Casualty Clearing Station*

FOR

*July* 191*8.*

Signature of Officer compiling

*Clinty Capt.*

Signature of Officer Commanding

*J. B. Gray*

Lieut. Col

O.C. 2nd. A.C.C.S.

WAR DIARY

Army Form C. 2118.

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INTELLIGENCE SUMMARY

(Erase heading not required.)

Place	Date	Hour	Summary of Events and Information										Remarks and references to Appendices		
BLENDÉCQUES	1/7/18		ADMITTED		EVACUAT <sup>P</sup>		TRANSFERS		TO DUTY		DEATHS		REMAINING.		
			OH	OR	OH	OR	OH	OR	OH	OR	OH	OR	OH	OR	
			3	38	2	31	-	2	-	6	-	4	12	316	
			WOUNDED ADMITTED				Operations				Analysis of Operations				
			31				8				Miscell <sup>ous</sup> 6   Pent Knee 1   Frac Leg 1				
<p>Day five + warm. A Surgical team from No 1 A.G.H. (Rouen) arrived last evening. Surgeon, Capt Bush, Anaesthetist, Major Allister. Sister Sanderson proceeded on leave. All cases finished off by mid day that had been admitted in preceding 24 hours. Coxeter Gal &amp; ether apparatus arrived from 15. C.C.S. it requires some alterations &amp; modifications before being ready for use.</p>															
<p>J. H. [Signature] S. Col.</p>															

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			ADMITTED		EVACUATED		TRANSFERS		TO DUTY		DEATHS			Remaining
			OH	OR	OH	OR	OH	OR	OH	OR	OH	OR	OH	OR
BLENDÉCQUES	2/7/18		1	54	3	84	-	-	-	4	2	5	8	270
			WOUNDED ADMITTED			Operations			miscellaneous					
			4			1			1					
			analysis of operations											
	2.7.18		<p>Day fine + warm. Cases coming in slowly. Report + diary for month almost completed. Between midnight June 26-27 + midnight June 30<sup>th</sup> - July 1<sup>st</sup> 242 operations were performed under general anaesthetic at this Station. Death rate for month heavy, roughly 1 in 20 (4.7%) of total admissions for month. Most of wounded cases were selected as "serious", lighter cases sent to other hospitals. 186 operations were performed in 33 hours, 7 teams working most of the time 4 in theatre and 3 in Dressing Room. 16 abdominal operations performed during the month 12 of them between 27<sup>th</sup> and 30<sup>th</sup>.</p>											

*J. May 66*





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			ADMITTED		EVACUATED		TRANSFERS		TO DUTY		DEATHS			Remaining	
			OH	OR	OH	OR	OH	OR	OH	OR	OH	OR	OH	OR	
Blendecques	4/7/18		1	33	1	65	-	-	-	3	-	2	6	284	
			WOUNDED ADMITTED		Operations		Miscellaneous		Analysis of Operations		Appendices				
			4		12		10				2				
	4/7/18		<p>Day cloudy + cool, not at all like summer. There has been no hot weather to date + no rain to speak of for about 7 weeks. Report + diary were despatched yesterday. Sisters Trucken + Neal proceeded on leave this morning. Capt Chestolm to report back to his unit (15. C.S.) Capt Oag returned from leave to take his place. Receiving today morning, cases coming in very slowly. Sent plan of camp of Trois Arbres (Sheet 36 NW B.13. A 9.4) etc to Col Butler for war records department. Extracts from monthly report June Total admissions 1187 Operations in Theatre 229 in Dressing Room 201. Dressing in dressing room 1048 including 348 French civilians</p>												





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Blendeegues	6/7/18		ADMITTED		EVACUATED		TRANSFERS		TO DUTY		DEATHS		Remaining			
			OH	OR	OH	OR	OH	OR	OH	OR	OH	OR	OH	OR		
			-	36	3	83	-	-	-	-	-	-	.9	250		
			WOUNDED ADMITTED		Operations		Analysis of Operations									
			5		10		Pent Elbow		Miscellaneous							
							1		9							
	6/7/18		<p>Day fine, &amp; cool. Some more sandbags obtained for wards &amp; expanded metal for revetment round Preoperative Hut Ward. Vegetable plots laid out &amp; planted. Engine Room to replace tent now in use under course of construction. "Coxeter" apparatus for Gas &amp; Oxygen Anaesthesia to hand from 15 CCS. Capt. Marshall an expert on this form of apparatus to demonstrate &amp; instruct in use of same.</p>													
			<p>V. J. Stacy L. Col.</p>													

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Blendecques	7/7/18		ADMITTED		EVACUATED		TRANSFERS		TO DUTY		DEATHS		Remaining		
			OH	OR	OH	OR	OH	OR	OH	OR	OH	OR	OH	OR	
			6	48	4	59	-	-	-	1	-	2	5	188	
			WOUNDED ADMITTED		Operations		Analysis of Operations								
12		9		FRAC ARMS		Appendicitis		Miscellaneous							
				3		1		5							
7.7.18.			<p>Day fine &amp; warm. Arrangements being made for erection of bathing facilities for personnel also extra attention sheds for patients.</p> <p>Long fears around Sisters quarters cut &amp; flower beds laid out also vegetable plot for sisters. Number of chest cases coming in of late much greater proportion than is usual. On the whole they do well but require a great deal of nursing &amp; medical or surgical attention &amp; have to be kept for 10 days or longer. Influenza epidemic as far as this unit is concerned appears to have died out.</p> <p style="text-align: right;">J. J. Stacey Lt. Col.</p>												

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			ADMITTED		EVACUATED		TRANSFERS		TO DUTY		DEATHS			Remaining	
			OH	OR	OH	OR	OH	OR	OH	OR	OH	OR	OH	OR	
Blendecques	8/7/18		1	39	2	8	-	-	-	13	-	-	5	203	
			Wounded ADMITTED			Operations			Analysis of Operations						
			11			14			Pen/8	ABDO	Pen/	Chest	Amp	Foot	Miscell <sup>ns</sup>
									1		1		1	11	
	8/7/18		<p>Day Cloudy, warm. Rain badly needed. Sister Lucas reported last evening Sister Snelling returned from leave.</p> <p>Pls Clarke + Bragg, blood donors proceeding on leave for 3 weeks. Major Dixon to take Capt. Bays place latter to proceed to 3<sup>rd</sup> A.C.S., Ambulance Car attached to No. 1. to be withdrawn pro: tem: + our Car to serve both stations.</p> <p>Engine Room to replace tent, being built. Gas + Oxygen apparatus (Coxiter) got in good going by Capt Marshall (at present at No 1 A.C.S.) an expert in such matters. A Church hut in course of erection, also tent hut.</p>												
			J. H. Harvey												

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Blendecques	9/7/18		ADMITTED		EVACUATED		TRANSFERS		TO DUTY		DEATHS		Remaining		
			OH	OR	OH	OR	OH	OR	OH	OR	OH	OR	OH	OR	
			1	58	1	62	-	-	-	13	-	4	6	188	
			WOUNDED ADMITTED		Operations		Analysis of Operations								
			18		16		leg trac		Miscellaneous						
							1		15						
<p>Day fine &amp; cool thunderstorm last evening, very little rain. Sisters Guthrie &amp; Parish proceeded to 25 General Hospital</p>															

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			ADMITTED		EVACUATED		TRANSFER		TO DUTY		DEATHS			Remaining	
			OH	OR	OH	OR	OH	OR	OH	OR	OH	OR	OH	OR	
Blendecques	10/7/18		6	46	-	-	-	-	-	10	1	1	12	222	
			WOUNDED ADMITTED			Operations			Analysis of Operations						
			23			24			Penl Chest	Fract Femur	Append. <sup>75</sup>	Pen Aldo	Miscell		
									2	1	1	1	19		
	10.7.18.		<p>DMS visited station accompanied by Col Thom                      Several very bad cases on hand including two R A F                      Officers very badly injured one fractured femur &amp; both                      bones of leg &amp; both arms. Major Brown to go on leave                      tomorrow, having been at this station 2 days. Spoke to DMS                      office re leave for this station; with satisfactory result.                      DMS would like a resumé of the report of station's                      work for month of June.</p>												
			<p><i>J. J. M. L. Col.</i></p>												

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			ADMITTED		EVACUATED		TRANSFERS		TO DUTY		DEATHS			Remaining
			OH	OR	OH	OR	OH	OR	OH	OR	OH	OR	OH	OR
Blendecques	11/7/18		1	32	2	41	-	3	-	4	-	4	9	207
			Wounded ADMITTED			Operations				Analysis of Operations				
			7			6				Pent Chest		Frac Femur	Miscellaneous	
										1		1	4	
	11.7.18.		Day dull, cool, strong wind blowing, Several heavy showers in last 24 hours. Of late green vegetables have been purchased on several occasions for personnel + patients. Cauliflowers lettuce + cabbages; greatly appreciated. A large bed has been planted out c Tomatoes, Cauliflowers, + Lettuce.											

M. Stacy Lt. Col.

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			ADMITTED		EVACUATED		TRANSFERS		TO DUTY		DEATHS			Remaining
			OFF	OR	OFF	OR	OFF	OR	OFF	OR	OFF	OR	OFF	OR
Blendecques	12/7/18		2	42	1	58	-	-	3	1	1	-	7	197
			WOUNDED ADMITTED		Operations		Analysis of Operations							
			15		27		Fract femur		Pents Abdo		Miscellaneous			
							1		1		20			
	12.7.18.		<p>Day cool, heavy showers at intervals. Resume of report for month of June sent to GMS 2<sup>nd</sup> Army. For time being this Station will receive sick &amp; wounded from 1<sup>st</sup> Army XI Corps in addition XV Corps. Good progress being made in Engine room, and Dental hut, further timber to hand for Church hut. Railway line to be laid along back of this station, connecting with main line to Boulogne, for Hospital train purposes.</p>											
			<p>W. May Lt. Col.</p>											

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			ADMITTED		EVACUATED		TRANSFERS		TO DUTY		DEATHS			Remaining
			OH	OR	OH	OR	OH	OR	OH	OR	OH	OR	OH	OR
Blendecques	13/7/18		5	123	3	98	-	4	-	1	-	1	8	207
			WOUNDED ADMITTED			Operations			Analysis of Operations					
			87			62			Pent Chest		Appendix		Miscell <sup>ous</sup>	
									1		1		60	
	13.7.18.		Day dull, Cool, a good deal of rain in the last 24 hours, which will do a vast quantity of good.											
			M. Macdonald											
	14.7.18		Day dull, showery. Major Mackenzie, and Lieut Bellamy proceeded on leave to England today. Lieut Bloomfield (U.S.A.) arrived in Major Dixon's place. Theatre hut leaking in parts may be necessary to replace it. Visited No XI CAS Moulle with Sister ifc to see Australian Sister ill at that station. 3 Bombs in St Omer on Saturday night. Correspondence to hand from D.G.V.O. re supply of Standard dressings, also re supply of certain articles. attached. Returns wanted by D.M.S. showing value of med + Surgical stores used											



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	14.7.18.		for prisoners of war, for quarter ending Sept 30 <sup>th</sup> 1918.										A. H. Gray Lt Col
Blendecques	15/7/18	ADMITTED		EVACUATED		TRANSFERS		TO DUTY		DEATHS		Remaining	
		OH	OR	OH	OR	OH	OR	OH	OR	OH	OR	OH	OR
			5	74	2	116	-	-	-	-	-	11	175
			WOUNDED ADMITTED			Operations		Analysis of Operations					
			25			13		Amputn Leg			Miscellaneous		
								-1			12		
	15.7.18.		Day dull + close, more rain pending. General Berdwood visited the Station + expressed his satisfaction with the arrangements and appearance of the Unit.										A. H. Gray Lt Col

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			ADMITTED		EVACUATED		TRANSFERS		TO DUTY		DEATHS			Remaining
			OH	OR	OH	OR	OH	OR	OH	OR	OH	OR	OH	OR
Blendecques	16 <sup>th</sup> & 17/7/18		9	141	5	125	-	2	1	3	-	-	14	183
			WOUNDED ADMITTED			Operations			Analysis of Operations					
			37			33			Append <sup>ts</sup>		Amput <sup>ns</sup>		Miscellaneous	
									2		1		30	
	16.7.18.		Heavy rain through the night day warm & muggy.											
	17.7.18.		Day dull, warm showery. Band of XXX Division to play at station today. Pay day. Two teams to proceed to 44 C.C.S. to be replaced tomorrow by 2 teams from 51 <sup>st</sup> C.C.S. This constant changing of teams does not make for efficiency by any means											

B. O. Stacy Lt. Col.

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Place	Date	Hour	Summary of Events and Information										Remarks and references to Appendices		
			Admitted		Evacuated		Transfers		To Duty		Deaths			Remaining	
			Off.	O.R.	Off.	O.R.	Off.	O.R.	Off.	O.R.	Off.	O.R.	Off.	O.R.	
Blendeques	18/7/18		1	74	-	3	-	2	-	1	-	-	14	251	
			Wounded Admitted				Operations				Analysis of Operations				
											Skull-frac.	Amputations	Miscellaneous.		
											1	2	10		
	18/7/18		<p>Day fine and cool. Two teams reported from 51. C.C.S. and 1 from 39 Stationary Hospital. An extra doctor coming with one of the teams to replace Doctor Todd who is under orders to proceed to no 2 A.G.H.</p> <p>News that French have counterattacked down south near Aissons area with good results. 10,000 prisoners + 100 guns to 9 pm.</p> <p>more vegetable plots laid out &amp; planted.</p> <p>Lt Col. Quick went to 44 C.C.S. (Bergues) to see theatre arrangements there which are very good. The two teams which arrived this morning, relieved Lt McHugh's &amp; Lt Bloodfield's teams, which proceeded to No 44 C.C.S. this morning.</p>												

Lt Col. Quick

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			Admitted		Evacuated		Transfers		To Duty		Deaths			Remaining	
			Off	O.R.	Off	O.R.	Off	O.R.	Off	O.R.	Off	O.R.	Off	O.R.	
Blenderques	19/7/18		12	231	10	232	-	5	-	-	-	-	19	245	
			Wounded Admitted			Operations			Analysis of Operations						
			138			43			Abdo. Surg.		Chest		Amputations		Miscellaneous
			+ 20 Germans						1		2		7		33
			<p>20 German Off. Admitted</p> <p>A dull day, but nevertheless warm. News from the South particularly good. Yesterday was a very busy day. Heavy admissions. For 24 hrs ending 8 am. This morning the figures were well above the average &amp; the wounded mostly all very bad cases. Had a good number of cases (26 in all) awaiting in Pre-operation ward.</p> <p>General Bowlby visited the Station twice during the day. Col. Huxtable A.D.M.S. 1st Div. A.I.F. visited this station.</p> <p>3pm No 1 Acc. having taken in 150 cases, switched on to us. We received 100000.</p>												

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<b>BLENDÉCAQUES [Continued]</b>				
	19/7/18		<p>No 18 C.C.s and 9 B.R.C.H. [Duchess of Sutherland's] started to take in about 6 pm. This relieved No 1 + 2 A.C.C.Ss. No more cases were received until 11.30 pm. when 6 slightly wounded German prisoners of war filtered into this station.</p>	
			<p>A.C. G. II<sup>nd</sup> Army asked for the assistance of some Sisters for a forthcoming "Children's afternoon" at which 700 French children are to be entertained by II<sup>nd</sup> Army Amusement's Department. The affair takes place tomorrow. Some sisters will go if possible.</p>	
			<p>Co. offered to arrange a "Switch-back" railway with Decauville tramline &amp; to lay same. This was carried into effect today.</p>	
			<p>D.M.S. visited this station at 6 pm. All very busy at the time - 5 teams at work.</p>	
			<p>Train at 7 pm. 12 OFF. 160 OR. evacuated.</p>	
				<p>V. O. Hans L. Col.</p>

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			Admitted		Evacuated		Transfers		To Duty		Deaths			Remaining						
			Off.	O.R.	Off.	O.R.	Off.	O.R.	Off.	O.R.	Off.	O.R.	Off.	O.R.						
Blendecques	20/7/18		7	178*	12	162	-	5	-	1	-	7	11	226						
			Wounded Admitted		Operations		Analysis of Operations.													
			89		53		Abdomens		Chest		Amputations		Miscellaneous							
			9 Germans				1		2		3		47							
			* 9 Germans																	
<p>Day fine &amp; warm. All cases admitted yesterday afternoon finished by 6 a.m. - 4 Teams working in Theatre &amp; one in Dressing Room all night.</p> <p>Sister Field left for No 2 A.G.H. This morning.</p> <p>The IX<sup>th</sup> Division went over at 8.30 a.m. yesterday [19/7/18] near METEREN, hence the rush.</p> <p>From midnight 18.7.18. up to 8 a.m. This morning, the following work has been done.</p> <table border="0" style="margin-left: auto; margin-right: auto;"> <tr> <td>Operations in Theatre</td> <td style="text-align: right;">71</td> </tr> <tr> <td>" " Dressing Room</td> <td style="text-align: right;">35</td> </tr> <tr> <td>Dressings " " "</td> <td style="text-align: right;">71</td> </tr> </table>															Operations in Theatre	71	" " Dressing Room	35	Dressings " " "	71
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Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
			<p>Blandecques Continued</p> <p>20/7/18 From 8 am. 18/7/18 to 8 am. 20/7/18</p> <p>Sick 148 Wounded 183 (including 2 Concussion &amp; contusion)</p> <p>Operations done with general anaesthetic 111</p> <p>31 in Dressing Room, 80 in Theatre</p> <p>Number of actual wounded receiving operative treatment = 62.59</p> <p>Dressings done in Dressing Room in same period 64.</p> <p>4pm Heavy Thunderstorm with rain. Busy day - 26 Cases in preparation ward &amp; some in Dressing Room waiting to be done. Three (3) Teams working in Theatre, 1 (one) in Dressing Room.</p> <p>Sister Sanderson N.Z. A.N.S returned from English leave.</p>	
			<p>J. J. Hay Lt. Col.</p>	

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Blendecques	21/7/18		Admitted		Evacuated		Transfers		To Duty		Deaths		Remaining		
			Off.	O.R.	Off.	O.R.	Off.	O.R.	Off.	O.R.	Off.	O.R.	Off.	O.R.	
			5	62	-	-	-	-	-	-	-	-	16	288	
			Wounded Admitted Operations				Analysis of Operations								
			59		26		Abdomen		Chest		Amputation		Miscellaneous		
							2		1		1		22		
<p>Day cloudy with intervals of sunshine, strong wind blowing.</p> <p>a start has been made with a railway line along the back of this station for Ambulance Trains. This will be of great value &amp; convenience as it will do away with the present system of evacuating by M.A.C. Cars to St Omer or Blendecques as the case may be.</p> <p>General Bowby &amp; Colonel Salton (Consulting Physician) visited the station yesterday. News from the South very cheering, 2000 prisoners &amp; 400 guns. Enemy pushed back across the Marne.</p> <p>SpM still working in theatre, but only a few light cases to be done.</p>															





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Place	Date	Hour	Summary of Events and Information										Remarks and references to Appendices		
			Admitted		Evacuated		Transfers		So Duty		Deaths			Remaining	
			Off.	O.R.	Off.	O.R.	Off.	O.R.	Off.	O.R.	Off.	O.R.	Off.	O.R.	
Blendecques	22/7/18		1	56	4	120	-	2	-	3	-	7	12	236	
			Wounded Admitted			Operations			Analysis of Operations						
			12			21			APPEND <sup>ETS</sup>	AMP <sup>N</sup>	Pent Chest	Knee Joint	Miscell <sup>NS</sup>		
									3	1	1	2	14		
<p>Day fine &amp; cool. The 21 newly arrived V.D.S. were paraded to Co, this morning.</p> <p>Not so many cases coming in today. General Guise-Moore, Col. Fullarton, who is Consulting Surgeon while Colonel Maynard Smith is absent on sick leave, &amp; Colonel Symons visited.</p> <p>Chaplain F.P. Williams M.C. proceeded on leave this morning. Sister M. Neal T.F.N.S. who returned from leave late last night, proceeded to her team, now at No 44 C.C.S., about 11.30 am today.</p> <p style="text-align: right;">W. Stacy Lt. Col.</p>															

# WAR DIARY

Army Form C. 2118.

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## or ~~INTELLIGENCE SUMMARY.~~

(Erase heading not required.)

Place	Date	Hour	Summary of Events and Information										Remarks and references to Appendices		
Blendecques	23/7/18		Admitted		Evacuated		Transfers		So Duty		Deaths		Remaining		
			Off.	O.R.	Off.	O.R.	Off.	O.R.	Off.	O.R.	Off.	O.R.	Off.	O.R.	
			7	144	6	168	-	3	-	2	-	7	13	200	
			Wounded Admitted				Operations				Analysis of Operations				
			86				32								
			3 Germans								Ankle J <sup>NT</sup> LIMBS FRAC Chest Pent Frac Skull Miscell <sup>ns</sup>				
											6 4 1 2 19				
<p>Dull rainy day. A quiet day as regards the theatre and Dressing Room.</p> <p>Lt Col Stacy No 2 A.C.C.S. and Lt Col. Marks No 1 A.C.C.S. were decorated with the CROIX DE GUERRE by D.M.S. II<sup>nd</sup> ARMY - MAJOR-GENERAL GUYSE-MOORS. The award was made by D.M.S. of the French Army operating in this area for "distinguished &amp; valuable services rendered to the French Army &amp; civilians."</p> <p>Dental Shack almost completed. Church Hut in course of erection. Baking oven being made in the kitchen by a brick-layer kindly lent by IX<sup>th</sup> PONTON PARK.</p> <p>News from South continues to be cheering. Our line at METELEN advanced still further.</p> <p style="text-align: right;">Austrians have lost 1st Lt.</p>															

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Place	Date	Hour	Summary of Events and Information										Remarks and references to Appendices			
			Admitted		Evacuated		Transfers		To Duty		Deaths			Remaining		
			Off	O.R.	Off	O.R.	Off	O.R.	Off	O.R.	Off	O.R.	Off	O.R.		
Blendecques	24/7/18.		9	183	5	45	-	4	-	-	-	-	16	334		
			Wounded Admitted Operations.				Analysis of Operations.									
			82				56									
							Ankle Jt		Chest Pen <sup>t</sup>		Frac Limbs		Amput <sup>ns</sup>		Miscell <sup>ns</sup>	
							2		3		4		2		45	
<p>Dull day with intervals of sunshine.</p> <p>In future cases of fractured femur for Evacuation are to be sent away with 2 (two) Thomas' Suspension bars on the stretcher. The second bar is to be at the level of the ring of the Splint i.e. at the upper end. By securing this ring to the suspension bar greater immobility &amp; steadiness is maintained.</p> <p>Capt Leathart &amp; team exclusive of Theatre Sister are to return to S.I.C.S tomorrow. This constant coming &amp; going of teams is most upsetting &amp; detracts greatly from the efficiency of the unit from a surgical standpoint. He nine different surgeons have reported for duty between June 17<sup>th</sup> &amp; July 16<sup>th</sup>.</p>																
														Off. Staff Lt. Col.		

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(Erase heading not required.)

Place	Date	Hour	Summary of Events and Information										Remarks and references to Appendices		
			Admitted		Evacuated		Transfers		To Duty		Deaths			Remaining	
			Off.	O.R.	Off.	O.R.	Off.	O.R.	Off.	O.R.	Off.	O.R.	Off.	O.R.	
Blendecques	25/7/18		1	39	8	102	-	5	-	1	-	2	10	264	
			Wounded Admitted				Operations				Analysis of Operations				
			38				32				Chest Pent. Frac Skull F-RAC <sup>+</sup> Limbs Miscell <sup>ns</sup>				
											1 1 4 26				
<p>Day fine and cool. All cases admitted for last 24 hrs to 8 am were finished by 1 pm.</p> <p>The problem of dealing with salvage is becoming troublesome. A squad of at least 6 men &amp; an N.C.O. is required to carry out all the details of salvage now required by Army Salvage.</p> <p>Col. Fullarton C.M.G. is now Consulting Surgeon for II<sup>nd</sup> Army in absence of Col. Maynard Smith who has been injured in a motor accident.</p> <p>Captains MARTIN and LUMLEY with team reported from No 32 C.C.S. This afternoon. Capt Leadheart to leave for 51 C.C.S. in the morning. Sister Morrison, who came with Capt Leadheart, is to remain here for theatre duty.</p>															

V. J. Stacey Lt. Col.

WAR DIARY

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or  
~~INTELLIGENCE SUMMARY.~~

(Erase heading not required.)

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Place	Date	Hour	Summary of Events and Information										Remarks and references to Appendices	
			Admitted		Evacuated		Transfers		To Duty		Deaths			Remaining
			Off.	O.R.	Off.	O.R.	Off.	O.R.	Off.	O.R.	Off.	O.R.	Off.	O.R.
Blendecques	26/7/18		6	155	2	65	-	1	2	1	-	3	12	349
			Wounded Admitted		Operations		Analysis of Operations							
			46		30		Chest	Pent	FR. Skull	FRAC LIMBS	Amputns	Append	Miscellns	
			German 1				2	1	2	2	1	22		
<p>Raining. D. N. S., Second Army has asked for a plan to be drawn up shewing arrangements of light railway for carrying patients from No. 1 and 2 A. C. C. S. to railway siding now in course of construction at the back of this Station. Interviewed Officer in charge of work of putting down the siding, also CO No. 1 A. C. C. S. and discussed the matter.</p> <p>Capt. Leathart and team with the exception of one Sister departed this a.m.</p> <p>Capt. Lumley and Martin reported last evening for duty. Receiving today - not many cases coming in so far (noon)</p> <p>Gen. House V.C. D. &amp; N. S.: Bugdr. Gen. Dods D.P.S. A.I.F. and</p>														

Mr -



WAR DIARY

Army Form C. 2118.

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Place	Date	Hour	Summary of Events and Information										Remarks and references to Appendices		
			Admitted		Evacuated		Transfers		To Duty		Deaths			Remaining	
			Off	O.R.	Off	O.R.	Off	O.R.	Off	O.R.	Off	O.R.	Off	O.R.	
Blendecques.	27/7/18		-	36	4	155	-	3	2	-	1	3	5	224	
			Wounded Admitted Operations				Analysis of Operations.								
			28		15		Amputns		Frac Limbs		Miscell <sup>ns</sup>				
							1		3		11				
<p>More cinders required for path running along rear of wards and in front of Operating Theatre.</p> <p>In spite of the heavy rain of the last few days the camp site has remained comparatively dry. Some of the brigaded tents which are very old and have been pitched several times are leaking, but not to any great extent.</p> <p>Team which started work yesterday, working very satisfactorily. This has been a busy month, especially as regards Operation works.</p> <p>Raining heavily.</p>															
												J. J. Stacy Lt. Col.			



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Place	Date	Hour	Summary of Events and Information										Remarks and references to Appendices		
			Admitted		Evacuated		Transfers		To Duty		Deaths			Remaining	
			Off.	O.R.	Off.	O.R.	Off.	O.R.	Off.	O.R.	Off.	O.R.	Off.	O.R.	
Blendecques	28/7/18		2	100	1	49	-	2	-	8	-	2	6	263	
			Wounded Admitted		Operations		Analysis of Operations.								
			14		20		Chest Pent		Elbow J <sup>NT</sup>		Miscell <sup>MS</sup>				
							3		1		16				
<p>Day fine, cloudy (Visited Cassel with O.C. TX Porton Park)</p> <p>One of new brick ovens completed and in use working very well and economically. Plan of same to be drawn up. The oven can cook for 500.</p> <p>Gen. Birdwood visited the Station.</p> <p>Major Fletcher's leave papers through.</p>															
												<p>J. H. Stacy Lt. Col.</p>			

WAR DIARY

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or  
~~INTELLIGENCE SUMMARY.~~

(Erase heading not required.)

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Place	Date	Hour	Summary of Events and Information										Remarks and references to Appendices				
			Admitted		Evacuated		Transfers		To Duty		Deaths			Remaining			
			Off	O.R.	Off	O.R.	Off	O.R.	Off	O.R.	Off	O.R.	Off	O.R.			
Blendecques.	29/7/18.		4	88	5	124	-	8	1	2	-	4	4	206			
			Wounded Admitted.			Operations.			Analysis of Operations.								
			48			25			Abdo	Pent	Chest	P.	FRAC	Limbs	Knee	J <sup>T</sup>	Miscell <sup>NS</sup>
									1	1	1	1	1	21			
<p>Day fine and clear after midday.                      Major Mackenzie and Lieut. Bellamy returned from leave.                      Major Fletcher proceeded on leave.                      Col. Fullerton visited the Station.                      Col. Fullerton is Acting Consulting Surgeon 2<sup>nd</sup> Army.</p>																	
<p>B. O. Stacy Lt Col.</p>																	

WAR DIARY

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Place	Date	Hour	Summary of Events and Information										Remarks and references to Appendices	
			Admitted		Evacuated		Transfers		So Duty		Deaths			Remaining
			Off.	O.R.	Off.	O.R.	Off.	O.R.	Off.	O.R.	Off.	O.R.	Off.	O.R.
Blendecques	30/7/18.		-	134	1	23	-	3	-	17	-	-	3	277
			Wounded Admitted				Operations				Analysis of Operations			
			48 +		50		Abdo Pen	Chest Pen	FR Skull	Amphs	Frac Limbs	Miscell <sup>ns</sup>		
			21 Germans				1	2	1	2	2	42		
<p>Day fine and clear.</p> <p>Two Sisters arrived last evening to complete their course of training in the administration of anaesthetics.</p> <p>Capt. Camp's Surgical Team transferred to No. 1 Australian C. C. C.</p> <p>Pre-Operative Ward full, including a number of German wounded taken at Sterris by Australians early this morning.</p>														
												<p>J. O. Hay Lt. Col.</p>		

WAR DIARY

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INTELLIGENCE SUMMARY.

(Erase heading not required.)

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Place	Date	Hour	Summary of Events and Information										Remarks and references to Appendices		
			Admitted		Evacuated		Transfers		To Duty		Deaths			Remaining	
			Off	O.R.	Off	O.R.	Off	O.R.	Off	O.R.	Off	O.R.	Off	O.R.	
Blendecques	31/7/18		7	112	6	162	-	8	-	-	-	8	4	209	
			Wounded Admitted Operations			Analysis of Operations									
			51		33		Abdo	Pent	Chest	Pent	Fr. Skull	Ambs	Fract	Limbs	Miscell
			2 Germans				1		2		2	1		3	27
<p>Day fine, warm and cloudless</p> <p>Several car loads of wounded arrived at 6 a.m.</p> <p>Some bad cases admitted. Surgical teams have had a strenuous time this month. There has been a large percentage of abdominal and chest cases which require considerable nursing and attention.</p>															
														V. O. Stacy L. Col.	

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# WAR DIARY

OF

2nd. Australian Casualty Clearing Station.

FOR

For the Month of JULY 1918.

## LIST OF APPENDICES.

No.	Subject.
1.....	Staff Movements. Discipline. Admissions and Disposals of Patients.
2.....	Constructional Work. General Items.
3.....	General Items (-continued).
4.....	Summary of Admissions and Operations.
5.....	Medical Report by Major Fletcher.
6.....	Surgical Report by Lt. Col. Quick. (D.S.O.).
7.....	Dental Report by Capt. Caulfield.
8.....	Dispenser's Report by Lieut. Bellemeý.
9.....	Quartermaster's Report by Capt. Pollard.
10.....	Quartermaster's Report (continued).
11.....	Quartermaster's Report (continued).
12.....	X-Ray Report by Capt. Hansen.
13.....	Suggestions on the Erection of a C.C.S.
14.....	Suggestions on the Erection of a C.C.S. (contd).
15.....	Trench Fever - Fourth Report of Medical Investigation Committee. Anthrax - Instructions re Disposal of Cases of
16.....	Time Expired Sera and Vaccines - Instructions re
17.....	Time Expired Sera and Vaccines (continued).
18.....	Dysentery and Diarrhoea - Disposal and Treatment.
19.....	Gas Gangrene; <sup>Serum</sup> and Prophylactic Use of Quinine in recent Epidemic of Influenza. Particulars of Results.
20.....	Gas Gangrene Serum; and Prophylactic Use of Quinine in recent Epidemic of Influenza. Particulars of Results. (continued).

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1. STAFF MOVEMENTS.

	Reported for Duty.	Proceeded to Other Units.	Proceeded on Temporary Detachment.	Admitted Sick to Hospital.
Officers.	-	-	-	-
Officers (Team Duty)	10	5	--	-
Sisters.	4	6	-	-
Sisters (Team Duty)	4	8	-	-
Other Ranks.	-	2	2	3

2. DISCIPLINE.

The discipline of N.C.Os and men has been excellent.

3. ADMISSIONS and DISPOSALS FOR THE MONTH.

	SICK.		WOUNDED.	
	Off.	O.R.	Off.	O.R.
Remained Midnight June 30th.	5	145	5	131
Admitted during Month.....	58	1348	57	1103
Transferred from Other C.C.S.	-	37	-	-
Died during Month.....	-	4	5	69
Transferred to Other Hospitals	2	67	-	--
Transferred to Rest Stations..	-	-	-	-
Evacuated during Month to BASE	48	1278	51	1031
Discharged during Month to DUTY	12	62	3	15
Remaining Midnight July, 31st.	1	119	3	119.

4. CONSTRUCTIONAL.

On 5th. July some timber came to hand for Dental Hut, also 1/2 Church Army Hut given by 2nd. Army; also timber for Engine Room.

On 6th. July some more sandbags were obtained for wards and expanded metal for revettment round pre-operative Ward. Vegetable plots were laid out and vegetables planted. Engine Room to replace tent now in course of construction.

On 7th. July arrangements being made for erection of bathing facilities for personnel also extra ablution sheds for patients. Long grass around Sisters' quarters cut and flower beds laid out. Also vegetable plot for Sisters.

On 8th. July, Engine Room, Church Hut and Dental Hut in course of erection.

On 12th. July, Good progress being made with Engine Room and Dental Hut. Further timber to hand for Church Hut. Railway line to be laid along back of this Station, connecting with main line to Boulogne, for Hospital train purposes.

On 18th. July; More vegetable plots laid out and planted.

On 23rd. July: Dental Hut almost completed. Church Hut in course of erection. Baking oven being made in the kitchen by a brick-layer kindly lent by the 9th. Pontoon Park.

On 26th. July: A plan to be drawn up shewing arrangements of light railway for carrying patients from Nos. 1 and 2 C.C.Ss' to railway siding now in course of construction at the back of this Station.

On 27th. July, : More cinders required for path running along rear of wards and in front of the Operating Theatre.

On 28th. July, : One of new brick ovens completed and in use working satisfactorily and economically. Plan of same to be drawn up. The oven can cook for 500.

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5. GENERAL ITEMS.

Correspondence received intimating that losses in Unit Stores during recent moves could be written off at "Public Expense", and that every effort was made to salvage as much material as possible and no blame is attached to C.O. or Staff.

Plan of Camp at Trois Arbres sent to Col. Butler for War Records Department.

Number of chest cases coming in of late in much greater proportion than is usual.

On 10th. July, D.M.S. visited the Station accompanied by Col. Thom.

For time being this Station received wounded from 1st; Army, XI Corps in addition to XV Corps.

On 14th. July, Major MacKenzie (D.S.O). and Lieut. Bellemeys proceeded on leave.

On 15th. July, General Birdwood visited the Station and expressed his satisfaction with the arrangements and the appearance of the Unit.

5. GENERAL ITEMS (continued)

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On 18th. July, Lt. Col. Quick (D.S.O.). went to 44 C.C.S. to see Theatre arrangements.

On 19th. July, General Bowlby visited the Station twice during the day. Col. Huxtable, A.D.M.S. 1st. Div. A.I.F. also visited the Station. D.M.S. paid a visit at 6 p.m. and saw the Station in very busy circumstances. 5 teams were at work.

A.C.G., Second Army asked for assistance in connection with a Childrens Afternoon at which 700 French children are to be entertained by the 2nd. Army Amusements Department. A "Switch-back" railway with sections of Decauville tramline was laid for the amusement of the children.

On 21st. July, General Bowlby and Colonel Saltau (Consulting Physician) visited the Station.

General Guise Moore, Colonel <sup>Fullerton</sup> acting Consulting Surgeon, and Colonel Symons visited the Station on 22nd. July, 1918.

On 22nd. July, Chaplain Williams (M.C.) proceeded on leave.

On 23rd. July Lt. Col. Stacy was decorated with the CROIX DE GUERRE by the D.M.S. 2nd. Army - Major General Guise-Moore. The award was made by D.M.S. of the French Army operating in this area, for distinguished and valuable services rendered to the French Army and civilians.

On 26th. July, General Howse (V.C.) D.M.S., with Brig.-Gen. Dodds, D.A.D., A.I.F. and Mr. Manifold visited the Station. Col. Fullerton and Col. Symons also paid a visit.

On the 28th. July, General Birdwood visited the Station.

On 29th. July, Major Fletcher proceeded on leave.

Surgical Teams have been frequently changed during the month. These constant changes do not make for efficiency.

There has been a large percentage of abdominal and chest cases which require considerable nursing and attention. Surgical Teams have had a strenuous time this month.

66 German Prisoners were admitted during the month.

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*[Signature]*  
 .....Lt. Col.  
 C.O. 2nd. Australian C. C. S.



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## APPENDIX 4

2nd. Australian Casualty Clearing Station.  
-----SUMMARY OF ADMISSIONS AND OPERATIONS ON WOUNDED.

Total N° Admitted during Month of July.....	Sick	1443
	Wounded	<u>1160</u>
	TOTAL	<u>2603.</u>

including

Total N° GASSED.....	46
SHELL CONCUSSION.....	8
SHELL CONTUSION.....	<u>11</u>
TOTAL	<u>65</u>

N° of Operations in THEATRE.....	503
N° of Operations in DRESSING ROOM.....	<u>316</u>
TOTAL	<u>819</u>

Wounded Admitted.....	1160
Less Gassed, Shell Concussion & Contusion....	<u>65</u>
	<u>1095</u>

Percentage of Wounded Operated on = 77%.  
i.e. Every 7 out of 9 Wounded admitted were Operated on.

N° of DRESSINGS done.....Troops.....	1254
N° of DRESSINGS done.....Civilians.....	<u>147</u>
TOTAL.	<u>1401</u>

*V. O. Stary, L. Col.*

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\* 5.

APPENDIX 5

2nd. Australian Casualty Clearing Station.

1st. August, 1918.

C.O., 2nd. Australian C. C. S.

MEDICAL REPORT FOR THE MONTH OF JULY, 1918.

Diseases of the Respiratory Tract were more prevalent than for some time, this applying more especially to Broncho-Pneumonia than Lobar Pneumonia. There was one death from Broncho-Pneumonia, and there is another case in hospital at the present time. He is much improved.

Of infections of the Throat, there were 2 cases of Quinsy, 2 of Vincent's angina and 1 case of Diphtheria. The 2 latter diseases being confirmed bacteriologically.

There was a case of Acute Rheumatism in the ward.

One had to treat more cases of Trench Nephritis than for some time past. At one time there were 5 cases in the ward together. The amount of albumen in the urine was fairly constant, generally the urine became semi-solid on boiling. One case of Nephritis I thought to be a sub-acute Glomerulitis superimposed on old irritant kidneys. There were no deaths.

There were 5 cases of Malaria. These men had contracted the infection whilst on service in Palestine or at Salonika.

Most of the cases of Gassing were mild, except one (an Australian) who died in 22 hours after admission. This man and some of his comrades were accidentally <sup>gassed</sup> by one of our own cylinders bursting in the trench.

As most of the cases of P.U.O. are now sent to a special centre direct, the number of cases seen in the ward was less than for some time.

Two cases of hepatic Cirrhosis with Ascites passed through the ward and were evacuated to the base by the first train.

(Sgd) W. M. A. Fletcher. Major.  
2nd. Australian C. C. S.

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2nd. Australian Casualty Clearing Station.  
-----

1st. August, 1918.

C.O., 2nd. Australian C. C. S.

SURGICAL REPORT FOR THE MONTH OF JULY, 1918.

July has been a month of rather consistent surgical activity, and 503 Operations have been carried out in the Theatre.

In addition to the permanent Staff, there have been 3 and at times 4 attached Teams, and the general plan has been to work three Tables in the Theatre by day and two by night, with one Surgeon on duty in the Dressing Room for day work and another for night work and admitting. Many of the less severe cases are dealt with in the Dressing Room. In the times of most pressure four Teams have worked in the Theatre by day and have divided the night in reliefs, while the O. C. and the Physician have worked with Dressing Room cases.

The constant changing of the attached R.A.M.C. Teams has led at times to some unnecessary confusion, owing to their unfamiliarity with working-methods.

There has been a large increase in the number of administrations of Gas and Oxygen with beneficial results.

The Abdominal cases operated upon number 12: of these 8 died, 2 have been evacuated, 2 remain in hospital. At least as many have been inoperable upon admission.

These very poor results are, I believe, in large measure due to the great distance that the C. C. S. lies behind the line, and will no doubt grow worse during severe weather.

The effect of transport upon the Chest cases has not been noticed in the same way, and the results have been very much better.

*Salisbury Smith*  
..... Lt. Col.  
Surgical Specialist.  
2nd. Australian C. C. S.

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APPENDIX 7

2nd. Australian Casualty Clearing Station.

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1st. August, 1918.

C.O., 2nd. Australian C. C. S.

DENTAL REPORT FOR THE MONTH OF JULY, 1918.

Attached please find Report of Work done by No.29 Australian Dental Unit during the month of July.

There are practically no special features of the month's work. The number of cases evacuated from the line for Dental treatment was just about the average.

As regards ulcerative gingivitis I notice a considerable decrease in the number of patients, both as regards those evacuated through Field Ambulances, and those who attend direct at this Station for treatment.

Otherwise there is nothing of special interest to report.

*W. G. Langford* Capt.  
.....  
No.29 Dental Unit attached  
2nd. Australian C. C. S.

RETURN OF DENTAL CASES TREATED IN NO.2 AUSTRALIAN CASUALTY CLEARING STATION DURING MONTH ENDED 31 JULY, 1918.

1.	Number of Fillings.....	49
2.	Number of Extractions.....	398
3.	Number of Dentures sent down for Repair.....	---
4.	Number of Sundries.....	116
5.	Number of Cases whose Names were sent to 2nd. Army Dental Centre.....	7
	Evacuated to Base.....	---

GENERAL REMARKS:- (If necessary).

- (a) Number of New Dentures.....15
- (b) Number of Repairs.....14

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## 2nd. Australian Casualty Clearing Station.

1st. August, 1918.

C.O., 2nd. Australian C. C. S.

DISPENSER'S REPORT FOR THE MONTH OF JULY.

Article.	Operating Theatre.	Dressing Room.	Wards.	Total.
Flavine 1-1000	17 gals.	9 1/2 gals.	17 gals.	43 1/2 gals.
Dakins Solution.	23 1/2 gals.	6 gals.	20 gals.	49 1/2 gals.
B. I. Paste.	3 lbs.	1 lb.	1/2 lb.	4 1/2 lbs.
Liq. Cresolis Compd.	3 gals.	8 lbs.	19 lbs.	57 lbs.
Aether .720	120 lbs.	62 lbs.	2 lbs.	184 lbs.
Chloroform.	42 lbs.	19 lbs.	---	61 lbs.
Tinct. Iodine.	26 1/2 lbs.	20 lbs.	6 lbs.	52 1/2 lbs.
Liq. Paraffin.	12 1/2 lbs.	12 lbs.	6 lbs.	30 1/2 lbs.
Wool.	205 lbs.	127 lbs.	378 lbs.	710 lbs.
Gauze. Yds.....	13,680	11,707	10,568	35,955. yds.
Lint.	30 lbs.	41 lbs.	3 lbs.	74 lbs.
Bandages 3" - doz. rolls.	101	109	1800	2010 doz. rls.
Bandages 4" - doz. rolls.	75	76	1440	1591 doz; rls.
Triangular Bandages -pkts	9 doz.	24 doz.	76 doz.	109 doz. pkts
Spirits Bin. Iod. 1-250	180 ozs.	100 ozs.	20 ozs.	300 ozs.
Safety Pins.	66 tins	54 tins	51 tins	171 tins.
Saline conc. 1-19	9 1/2 gals.	15 1/2 gals.	8 gals.	33 gals.

In addition to the above list 131 Prescriptions have been dispensed during the month. There has been omitted from this list most of the Aqueous Solutions considered unessential for this Monthly Report. This list does not include drugs (issued to Civilians) which have already been submitted on a separate Report.

.....*W. R. Bellamy*..... Lieut.  
Pharmacist. 2nd. Australian C. C. S.

3rd. August, 1918.

C.O., 2nd. Australian C. C. S.

QUARTERMASTER'S REPORT FOR THE MONTH OF JULY.

During the Month of July revetting of wards was carried on with.

Electric Light Engine House, Dental Hut, and Patients' Ablution Shed were erected.

Approval has been given for the issue of one Nissen Shower Bath Set and hut for the use of this Station. This system is on indent.

Two brick and iron Field Ovens capable of roasting for 1000 have been erected and are working satisfactorily. Plans and details will be submitted in next report.

The cooking of Staff and Patients meals has improved during the month. The issue of fresh vegetables and greens (purchased from Regimental Funds) has been greatly appreciated. Field Service Rations have been issued to the Staff. Field Rations supplemented by Medical Comforts have been issued to Patients. Lists of Articles issued are appended hereto. 843 lbs. of first class dripping and 6 cwt. bones have been sent to Ellis Field Fat Factory. This has a value of 396 Fr.

23,840 articles were sent to the 2nd. Army Laundry during the month. These articles have been returned satisfactory.

Great difficulty has been experienced during the month with the dealing of Salvage owing to the verminous nature of the clothing and the quantity of clothing discarded by Patients. A full report on this matter will be the subject of my next report. List of Articles sent to Salvage appended hereto.

Appended hereto is a List of Articles received from the Australian Branch B. R. C. Society for use of Patients, Staff and Sisters.

STAFF RATIONS.

Meat - fresh	3976	Potatoes	1590
Meat - Pres.	1063	Onions	346
Bacon	1258	Veg. Dried	35
	<u>6297</u>	Fruit Dried	169½
		Peas & Beans	375
Bread	<u>4620</u>	M & V.	132
			<u>2647½</u>
Margarine	<u>209</u>		
		Rice	276
Milk tinned	<u>436</u>	Oatmeal	191
			<u>467</u>
Pickles	<u>74</u>	Cheese	649
Sauce	<u>4</u>	Jam	888
		Sugar	981
			<u>2518</u>
		Tea	<u>155¼</u>

PATIENTS RATIONS.

Meat fresh	5150	Potatoes	2835
Meat pres.	345	Onions	1206
Bacon	814	Vegetables drd.	1159
Ox Tongue	526	Veg. tinned	592
Fish pres.	664	Oranges	100
Rabbit	994	Lemons	50
Sausages	228	Fruit pres.	305
Soup	270	Fruit dried	139
Meat Paste	88	M & V.	548
Chicken Essence	7		<u>6934</u> lbs.
	<u>9086</u> lbs.		
		Limejuice	<u>6 1/8</u> glns.
Bread	5900	Bengers Food	27
Flour	380	Arrowroot	80
Biscuits	116	Rice	70
Cake	86	Cornflour	10
	<u>6482</u> lbs.	Sago	100
		Tapioca	190
Margarine	<u>774</u>	Oatmeal	140
			<u>617</u>
Mild dried	168 lbs.		
Milk tins	<u>1921</u>		
		Tea	309
Syrup	334	Coffee	5
Cheese	158	Cocoa	40
Honey	10		<u>354</u>
Sugar	1490		
Jam	1243		
	<u>3235</u> lbs.		
		Cafe au lait	375 tins
Pickles	11 lbs.	Cocoa & Milk	34
Sauce	30 "		<u>409</u>
Chutney	66 "		
		Eggs, fresh	720.
Malt Liquors	698 pts.		
Wine & Spirits	5190 ozs.		
Soda Water	582 bottles.		

SALVAGE.

Steel Helmets	1191	Greatcoats	395
Small Box Resp.	1030	Rags,	52 sacks
Helms E.T.	360	Mess Tin covers	200
Blades E.T.	530	Braces	5 sacks
Ground Sheets	650	Puttees	780 pr.
Bayonets	660	Socks	600 pr.
Haversacks	530	Cardigans	320
Valises	460	Cap Comforters	2 sacks
Mess Tins	730	Caps	52
Water Bottles	1060	Rubber Goods	2 sacks
Equipment	1075 sets	Gloves, Woollen	1 sack
Boots	859 pr.	Waste Paper	2 sacks
Rifles	659	Blankets	60
S.A.A.	17 sacks	Stretcher Amb.	1
Trousers S.D.	270 pr.	German Clothing	1 sack
Jackets S.D.	650	German Boots	1 sack.
Breeches M.S.	180		

ARTICLES RECEIVED FROM RED CROSS.

Paper	Qty.	Bandages Tri.	270
Face Washers	500	Tooth Powder	48 tins
Sweets	52 lbs.	Hair Brushes	12
Limejuice	12 Btlls.	Coir Mats	6
Tobacco	9 lbs.	Old Linen	20 rolls
Oil Baize	10 yds.	Cigarettes	5000
Chocolate	240 cakes	Nail Brushes	24
Tape	6 pkts		

For Recreation Room:-

Tables	6
Ping Pong Balls	12
Stationery Racks	6
Inkpots	6
Pencils	24
Stationery Pkts.	40
Writing Tablets	20
Ink - bottles	24
Coal Scuttle	1

Sisters.


Biscuits	6 tins
Fruit tinned	32 tins
Milk	24 tins
Jelly Crystals	48 pkts.
Meat Paste	24 tins
Cups and Saucers	12
Nurses Comforts	1 cases.

For Officers Ward.

Cups & Saucers	12
Salt & Pepper	
Pots.....	2
Egg Cups	3
Sugar Basins	3
Bread Knife	1
Small Jugs	2
Mustard Pots	2

For Personnel:

Cocoa & Milk	1 case
Fruit tinned	1 case
Fruit dried	1 case
Limejuice	5 bottles
Jam	5 tins
Gloves -Cricket	1 pr.
Flags	12
Shirts Cricket	12
Cricket Balls	2

  
 .....Capt.  
 Quartermaster;  
 2nd. Australian C. C. S.



2nd. Australian Casualty Clearing Station.  
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1st. August, 1918.

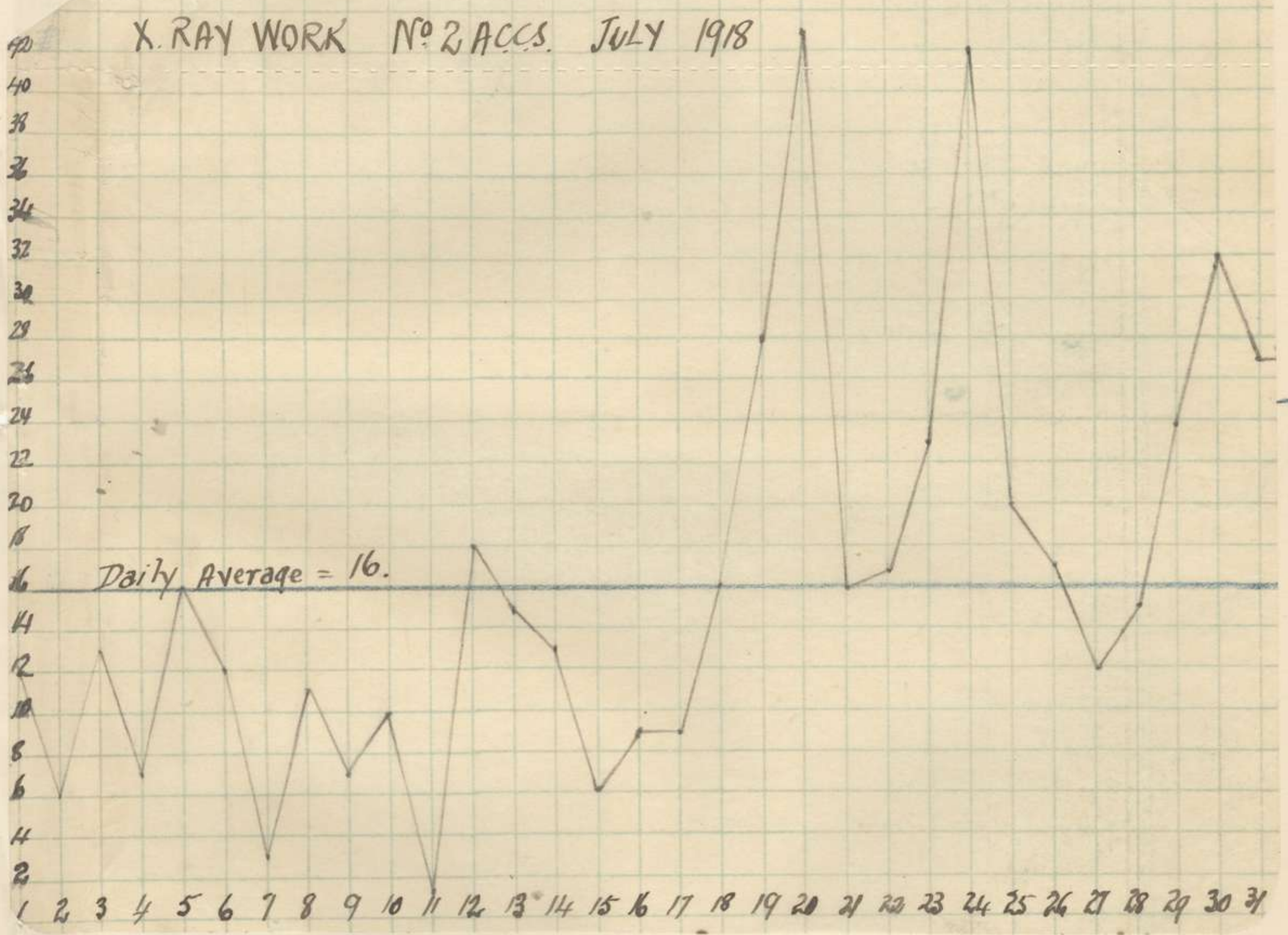
C.O., 2nd. Australian C. C. S.

REPORT ON X-RAY WORK FOR THE MONTH OF JULY, 1918.

1. Total Number of Cases examined.....501
2. Number of Skiagrams taken.....252
3. Analysis of Cases examined by X-Ray:-
  - (a) Abdominal Wounds penetrating..... 18
  - (b) Chest Wounds penetrating..... 32
  - (d) Head Wounds, penetrating or with frac. skull. 20
  - (e) Knee Joint Wounds penetrating..... 20
  - (o) Orbit or Eye Wounds..... 3
  - (s) Spinal Wounds..... 3
  - (f) Other Wounds and Injuries.....405
4. Methods of Localisation of Foreign Bodies:-
  - (a) Screening and Skiagrams in two planes.
  - (b) Parallax Method of Screening.
  - (c) Triangulation Method. (Cross Thread Localiser).

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... *Albert V R Hansen* ..... Captain.  
 Radiologist.  
 2nd. Australian C. C. S.



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APPENDIX 13

2nd. Australian Casualty Clearing Station.

SOME SUGGESTIONS REGARDING THE ERECTION OF A C. C. S.

To make it possible to draw, in one requisition only, the whole of the timber required to build the huts of this Station as they now stand, the following estimate has been drawn up. The value of such an estimate can easily be appreciated when a Casualty Clearing Station has to move and leave its buildings in the old site. On arrival at the new site, the first few days are occupied with all tentage. If such an estimate is on hand at the beginning of the new camp, a bulk requisition can be sent in and under ordinary circumstances, the building material should be on the new site by the time the tentage is finished. This method does away with the delay caused by numerous small requisitions, and, since a definite necessitates a definite plan, the work of erecting would go on considerably faster.

The following estimates are made from the quantities of material used in building the undermentioned constructions in the camp of the 2nd. C.C.S.

Building	Dimensions of do.	No. of Sheets cor. Iron.	Quartering in R feet.	T&G 1/4 in-6 in in R feet.	Hessian in yds.
Cookhouse	24' - 29'	80 6' Sheets	500' 3-2 ins	200' for Shelves	Nil.
Meat House	10' - 8'	8 6' sheets	200' 3-2 ins	40' T&G	30 yds.
Oil Store	10' - 12'	40-6' sheets	200' 3-2 ins	Nil.	Nil.
Ward Kitchen (1) Sterilising Room.	16' - 10'	18-7' sheets	300' 3-2 ins 100' 5-2 ins	400' T&G	50 yds.
Ward Kitchen (2)		Same as (1).			
Ward Kitchen (3)		Same as (1)			

STANDARD HUTS.

- Operating Theatre.....One large Nissen Bow.
- Recreation Room or Officers Mess Hut..... do.
- Resuscitation Ward..... do.
- C. O's Office.....One Greenlees Hut 12' - 18'.
- X-Ray Room..... do.
- Sisters' Sleeping Quarters.....8 Armstrong Huts 7' - 16'.

FITTINGS FOR ABOVE HUTS.	Quantity
T Pattern Hinges	14.
1 1/4" 6-8 gauge screws	1 gross pkt.
Nails 4 "	1 cwt.
Nails 3 "	1 cwt.
Nails 2 "	1/2 cwt.
Tacks.	100 lbs.

SOME SUGGESTIONS REGARDING THE ERECTION OF A C. C. S.

Building	Dimensions of do.	No. of Sheets Cor. Iron.	Quartering in R feet.	T&G in-6in in R feet.	Hessian.
Latrines 4 for Patients & Personnel.	12' - 6'	28 sheets size 7'	440' 3-1 ins 440' 3-2 ins	1152' of 6-8 T&G	72 yds.
Urinals 4	12' - 6'	Nil.	400' 3-1 ins 332' 3-2 ins	Nil.	78 yds.
Incinerator Shed.	22' - 12'	20 sheets 7' Iron.	150' 3-2 ins.	Nil.	Nil.
Ablution Sheds. 3	22' - 12'	66 sheets 7' Iron.	969' 3-2 ins	Nil.	58 yds.
Ablution Tables 3.	4' - 18'	Nil.	117' 3-2 ins	576' T&G	Nil.
Hot & Cold Showers.	22' - 12'	22 Sheets 7' Iron.	350' 3-2 ins.	Nil.	80'.
2 Seater Latrines 4.	10' - 6'	20 sheets 7' Iron.	640' 3-2 ins	296' T&G	54 yds.
For Incinerator.		300 Bricks. 1 load Sand. 1 bag of Lime.			
For Latrine Seats		Hinges T Pattern 12"	48		
		Screws 1" 6-8 gauge	2 gross pkts.		
Nails for the above Construction -		1 cwt. of mixed 2", 3" 4" .			
		50 lbs. Tacks.			

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APPENDIX 15

2nd. Australian Casualty Clearing Station.

Copy.

FOURTH REPORT ON TRENCH FEVER BY THE MEDICAL INVESTIGATION COMMITTEE.

A Commission under Major Richard P. Strong, M.R.C. was appointed by the American Red Cross Research Committee, and Major Strong and Major Homer F. Swift, M.R.C. became members of the Committee on Trench Fever in December, 1917.

On March 9th., 1918 as a result of the experiments of the American Commission, we reported to the D/G.M.S. in France that Trench Fever was transmitted by the Louse living under natural conditions.

We have now to report in brief the further results obtained by this Commission:-

1. The disease is caused by a filterable virus.
2. It can be conveyed by the bites of the louse alone, as well as by other means.
3. Infection appears to be conveyed by such bites for at least twelve (12) days after the louse has ceased to feed on a patient with Trench Fever.
4. The virus is present in the urine, and the disease can be transmitted experimentally by inoculation with urinary sediment on a scarified area of the skin.
5. Similiar results have been obtained with the sputum and saliva.

A full account of the experiments on which these conclusions are based will shortly be published by the American Red Cross Research Committee.

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X D.M.S. Second Army No.22/650 of 10/7/18.

The following instructions regarding anthrax are forwarded for your information and communication to all concerned for necessary action and future guidance.

1. Cases of anthrax occur among troops from time to time in this country and there has been reason to suspect the shaving brush as the probable source of infection.
2. On the diagnosis of a case in which the lesion is situated on the shaved portion of the face or neck, the patient's shaving brush (together with full particulars) will be immediately forwarded by the medical officer in charge of the case to the Officer in charge, Base Hygiene Laboratory, Boulogne, for bacteriological examination and report.
3. In addition, a full report will be sent by the medical officer of the man's unit as soon as possible to the A.D.M.S., Sanitation, B.E.F. giving the following information.

- (a) No., Rank, Name, Unit, Division. Date of arrival in France.
- (b) Date of onset of the disease.
- (c) Admitted to .....on.....
- (d) Site of lesion.
- (e) Description and position of billet.
- (f) Full particulars of precautions taken.
- (g) Whether patient has any dealings with horses.
- (h) Whether in possession of a fur coat.
- (i) Date shaving brush was despatched for examination.
- (j) State source of supply of shaving brush and the period it was in use.

4. On a case of suspected anthrax being admitted to Hospital, the A.D.M.S., Sanitation, B.E.F. should be notified by wire.

(Sgd) J. Thomson. Major General.  
for Director of Medical Services.  
British Armies in France.

6/7/18.

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APPENDIX 16

2nd. Australian Casualty Clearing Station.

The following General Instructions as to the use of Time Expired Sera and Vaccines, in substitution of the instructions contained in Circular Memorandum No. D.G. M.467/10, dated 10/11/17 are issued for information and communication to all concerned for necessary action and future guidance.

(Sgd) J. Thomson M.G.  
for Director General Medical Services.  
British Armies in France.

8/7/18.

A. SERA.

1. ANTI-TETANIC SERUM. May be used as follows:-

- (i) For 12 months beyond the expiry date, with 10% addition to the dose.
- (ii) From 12 months to 18 months beyond the expiry date, with 20% addition to the dose.
- (iii) From 18 months to two years beyond the expiry date, with 30% addition to the dose.
- (iv) No Serum to be used after 2 years beyond the expiry date, without reference to this Office.

2. ANTI-DIPHTHERITIC SERUM.

May be used up to two years beyond the expiry date, with the same addition to the dose as laid down for Anti-tetanic Serum.

3. ANTI-DYSENTERIC SERUM.

May be used for one year beyond the date of expiry, with 10% addition to the dose.

4. ANTI-MENINGOCOCCUS SERUM.

Conditions as for Anti-Dysenteric Serum.

5. ANTI-GONOCOCCIC SERUM.

Conditions as for Anti-Dysenteric Serum.

6. OTHER SERA.

Should not be used beyond the date of expiry.

In all cases where no date of expiry is mentioned on the container this may be taken as one year after the date of manufacture or date of issue by the maker.

Although in the case of these Sera an extended period of use, usually accompanied by a proportional ~~xxx~~ increase in the dose, has been or may be authorised, every effort should be made to ensure that they are used before the original date of expiry is reached.

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APPENDIX 16

B. VACCINES.

1. T.A.B. VACCINES. (and T.A.B. Vaccine for Indians).

Should not be used beyond the date of expiry, i.e. six months from the date of manufacture.

2. CHOLERA VACCINE.

This will be kept as at present in Base Depots of Medical Stores and should not be issued for use at any period beyond the date of expiry, i.e. six months from the date of manufacture.

3. PLAGUE VACCINE.

This will be kept as at present in Base Depots of Medical Stores. No expiry date is fixed for this Vaccine and the phials are marked with the date of manufacture only. Special instructions as to its withdrawal from use will be issued as required.

4. DYSENTERY SERO-VACCINE.

Should not be used beyond the date of expiry marked on the container, i.e. 3 months from the date of manufacture.

5. GONOCOCCUS VACCINE.

Should not be used beyond the limits of time laid down for Dysentery Sero-Vaccine.

6. SENSITISED STREPTOCOCCUS VACCINE.

Should not be used beyond the date of expiry marked on the container or beyond six months from the date of manufacture.

7. ALL OTHER VACCINES.

Should not be used beyond the date of expiry marked on the container or if not so marked, the date of expiry may be taken as 2 years after the date of manufacture.

Any case, regarding either Sera or Vaccine, in which any doubt arises, or which is not covered by the General Instructions, should be referred to this Office.

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28/7/18.

## 2nd. Australian Casualty Clearing Station.

D.M.S., Second Army. No.22/305/61.

D.D.M.S.,  
Corps.

The following arrangements in connection with Dysentery and Diarrhoea Cases will be put into effect forthwith:-

1. Two Advanced Army Dysentery Centres, with Bacteriologists attached, will be established at Divisional Rest Stations located at HILHOEK and EBBLINGHEM. The Advanced Army Dysentery Centre at HILHOEK will function for the two Northern Corps and be administered by the D.D.M.S. XIX Corps and the one at Ebbingham will function for the two Southern Corps and be administered by the D.D.M.S. XV Corps.
2. The accommodation for at least 50 Cases with the necessary Medical Ordnance equipment and Stores will be provided at each Centre and the personnel of one Tent sub-division with a Specially selected Medical Officer in charge, will be detailed for the duties connected with same by the Administrative Medical Officer concerned. Accommodation will also be provided for the Bacteriologist, and a place set apart for him to carry out his duties.
3. In order to ensure continuity, the personnel detailed in par.2 will not be changed except by direct orders from this Office.
4. The following routine procedure will be adopted throughout the Army in connection with dysentery and diarrhoea cases.
  - (i) Regimental Units. Any case of this nature that does not readily yield to treatment will be despatched to a Field Ambulance without delay.
  - (ii) Field Ambulances. (a) Cases with blood and mucus in stools will be evacuate to Army Dysentery Centre (64 C.C.S.) at WATTEN.
    - (b) Moderately severe cases will be sent to respective Advanced Army Dysentery Centres. (c) Mild Cases - rectal swabs will be taken and forwarded to respective A. Dysentery Centre for bacteriological investigation without delay. Pending result, cases will be retained in Field Ambulances. On notification that swabs are positive the cases will be sent to Army Dysentery Centre (64 C.C.S.) If negative, to duty when fit.
    - (iii) Advanced Army Dysentery Centres. (a) Swabs from mild cases - Field Ambulances will be notified the result of swab examination, as soon as possible. (b) Moderately Severe Cases - If proved to be positive will be transferred to Army Dysentery Centre (64 C.C.S.) Negative Cases will be discharged to duty when fit.
5. The Army Dysentery Centre at 64 C.C.S. will function on the lines indicated in para. 4 for all Units in the back areas.
6. Captain A. Stokes, D.S.O. of No.1 Mobile (Bac) Laboratory will be detailed for duty with the A.A.D.C. at HILHOEK and Captain J.W. McLeod of No.8 Mobile (Bac) Laboratory, at EBBLINGHEM.
7. The closest liaison will be maintained by these Officers with Administrative Medical Officers and Ambulances Commanders. An Ambulance car will be placed at their disposal by the Admin. M.O. concerned.
8. Records and Returns.
  - (i) Field Ambulances will record all cases sent to A.A.D. Centres as transferred to the designation of the Field Ambulance functioning the Rest Station with A.A.D.C. entered in brackets e.g. "by Field Ambulance 69 ((A.A.D.C.) HILHOEK). Wires should be sent to this Office daily by Officers i/c Centres shewing number of cases in hospital as at 4 p.m.
  - (ii) Advanced A.D.C. will inform units concerned, through O.C. Field Ambulance functioning Rest Station, the disposal of cases admitted. A copy will be sent to Field Ambulance from which the case was transferred.
  - (iii) Separate A & D Books will be kept and maintained by A.A.D.C's for record purposes. These books will be handed over in case of a change of personnel.
  - (iv) A Weekly Return will be rendered to this Office by A.A.D.C's for week ending 12 midnight on Saturdays of the number of cases admitted, by units, with their disposal.
  - (v) The A.A.D.C. will notify this Office by wire of any sudden large increase of cases in any particular unit.

29/7/18.

(Sgd) T.D.G. Howell. for D.M.S.



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2nd. Australian Casualty Clearing Station.

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3rd. August, 1918.

The following particulars in re -

1. GAS GANGRENE SERUM.
2. PROPHYLACTIC USE OF QUININE IN RECENT EPIDEMIC OF INFLUENZA.

are included in this month's Report in response to a request made by Col. Butler, War Records Section, A.I.F.

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1. In regard to the inquiry re Anti-Gas Gangrene Serum, no figures are yet available as the serum is still in trial.

In connection with Gas Gangrene, however, the appended figures compiled by General Sir Anthony Bowlby is of interest and speaks well for the work done at the various C.C.Ss.

As a result of the fighting on 28th. June this Station had to deal with 290 Wounded and of this number 186 or 62.5% received operative treatment under a general anaesthetic.

REPORT ON WOUNDED AT BOULOGNE ON 3RD. JULY FROM FIGHTING ON 28TH. JUNE, 1918.

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No. of Cases in Hospital.	Serious Gas Gangrene.	Amputations.	Deaths.
------------------------------	-----------------------------	--------------	---------

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2nd. Australian	110	0	0	0
3rd. Canadian	100	0	0	0
7 Stationary	95	0	0	0
32 Stationary	50	0	0	0
8 Stationary	135	0	1	0
83 General	148	0	0	0
53 General	51	0	0	0
Total.	699	0	0	0

=====

2. A question was also asked concerning a Prophylactic dose of Quinine (gr.x per day) used at this Station during the recent epidemic of Influenza. The first quinine parades were held on 8/6/18, one in the morning when the men received gr.v. Quin. Sulph; one in the evening when a like dose was administered. This was repeated for the next two days. After an interval of two days the prophylactic dosage was again administered, this time supplemented by nasal douches and throat gargles of Pot. Permang. 1 in 5000.

Hereunder are the figures for the incidence of the disease amongst the personnel and attached men of the Unit.

First Parade.....

First Parade 8th. June, 1918.

Date.		Incidence of Disease.	
		Sisters.	Other Ranks.
June 8	Dose of Quinine gr.v. twice daily.	-	-
9	"	-	-
10	"	-	1
11	No parade.	-	-
12	"	-	-
13	"	-	-
14	Dose of quinine gr.V. twice daily, also gargle and nasal douching.	-	-
15	"	-	-
16	"	-	-
17	No parade.	-	-
18	"	-	1
19	Dose of Quinine gr.v. twice daily, also gargle and nasal douching.	-	1
20	"	-	4
21	"	-	2
22	No parade.	2	2
23	"	1	4
24	Dose of Quinine gr.v. twice daily, also gargle and nasal douching.	-	1
25	"	-	-
26	"	-	2
	Total.	<u>3</u>	<u>18</u>

Ration Strength of Unit during period mentioned = 173.

It will be seen from the above figures that the incidence of the epidemic amongst the Unit during the period under review was very low.

When it is considered that neighbouring Units were almost half strength at this time owing to the prevalence of Influenza amongst their personnel, one is <sup>led</sup> to conclude that the Quinine certainly did act as a prophylactic and lessened the incidence of the disease amongst this Unit.

In this connection we may also remark that an R.A.M.C. Officer who was having great trouble with Influenza amongst several Labor Companies under his care, resorted to the prophylactic dosage with Quinine under the suggestion of the C.O. 2nd. Australian C.C.S. This Officer has been asked for a report which has not yet come to hand. We understand, however, that the number of cases of Influenza occurring amongst the companies under him, greatly decreased after the institution of the Quinine dosage.