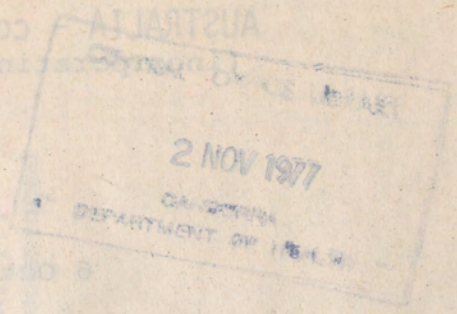


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AUSTRALIA - COMMUNICABLE DISEASES INTELLIGENCE
(incorporating the National Microbiological
Laboratory Reporting Service)

BULLETIN 21

6 October - 19 October 1977

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AUSTRALIA - COMMUNICABLE DISEASES INTELLIGENCE
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ADDITIONAL INFORMATION ON THE CASE OF POLIOMYELITIS REPORTED
IN BULLETIN 20 (contributed by Dr H. Newton-John, Fairfield
Hospital)

The patient, a three month old girl, has severe paralysis and is receiving artificial respiration in a Tank respirator. After two weeks, she is showing some movement in both legs and her left hand, and her respiratory function has improved. There is no bulbar involvement. At present the final outcome is very uncertain but residual weakness is likely to be severe.

None of her family had been immunised. One sibling, 17 months old, is excreting poliovirus type 1, but there is no illness in any member of the family other than the index case.

ENCEPHALITIS (contributed by the staff of Fairfield Hospital)

A 37 year old agricultural scientist returned from a four week study tour of China on 23.7.'77. He developed an encephalitic type of illness soon after returning and was an inpatient at Fairfield Hospital for 15 days from 26 July. He made a rapid recovery from his illness. Sera samples which have demonstrated 4-fold titre in Group B Arbovirus H.I. Antibody have been forwarded to Mr J. Pope, Queensland Institute of Medical Research, for further investigations to establish the aetiological agent involved.

VIRAL RESPIRATORY DISEASES - FEBRUARY 1977 TO OCTOBER 1977

The following table, on page 2, has been constructed by the Editorial staff in an attempt to see if any trends have appeared in the isolations of the more common respiratory viral pathogens.

The figures in the table represent the totals of the isolates from blood and nasopharyngeal specimens for each reporting period since period 5, which was the first fortnight in which the current format was introduced. Since these figures have been manually extracted from the Bulletins and not the individual report forms, many factors have been ignored, with the result that the table should be seen as providing only a rough estimate of the disease trends. It is expected that when the system is computerised, more accurate and detailed analyses of the information will be readily obtainable.

RESPIRATORY VIRAL ISOLATES

February 1977 - October 1977

PAGE 1

PERIOD / VIRUS	February		March		April		May		June		July		August		September		October
	5	6	7	8	9	10	11	12	13	14	15*	16	17	18	19	20	
Adenoviruses	10	10	15	10	31	10	16	21	16	8	13	17	26	21	20	19	
Influenza	-	-	2	2	1	-	-	-	2	5	4	32	97	104	69	65	
Parainfluenza	11	16	39	40	68	50	61	77	40	46	28	43	14	26	17	23	
Respiratory syncytial virus	1	3	3	4	7	8	27	34	45	52	66	63	40	58	19	34	
Rhinovirus	8	9	9	8	10	11	12	9	11	12	9	14	14	14	15	12	
Mycoplasma pneumoniae	10	4	6	6	8	11	8	12	16	12	8	20	17	10	18	23	
Ornithosis-psittacosis	2	6	2	1	4	3	2	2	1	2	3	3	4	2	2	4	
Coxsackie	-	2	1	6	4	11	12	5	6	1	5	2	11	5	1	6	

*Brisbane and A.C.T. Laboratories commenced contributions.

NATIONAL MICROBIOLOGICAL LABORATORY REPORTING SERVICE

PERIOD 21
 DATES 6.10.'77 to 19.10.'77

LABORATORY

VIRUS OR VIRAL ANTIGEN	BRISBANE STATE LAB.	SYDNEY/CANBERRA			MELBOURNE		ADELAIDE	PERTH	TOTAL
		ICPMR/ WVH	RAHC	PHH/POW	FAIR- FIELD	RCH	IMVS	STATE LAB.	
1521 Measles virus			1						1
1522 Rubella virus	2	1	1			1	1	2	8
1532 Hepatitis B antigen	2			7	26		8	13	56
1533 " B antibody	35						14	3	52
1541 TRIC - Trachoma-Inclusion conjunctivitis							1	14	15
1556 CMV - cytomegalovirus	10	2		1		3	2	6	24
1563 Coronavirus	2						1	2	5
1564 Rotavirus	5	4		1	1		9	3	23
Dengue fever	1								1
Arbo-virus Group B					1				1
Parvo-like		4							4
Ross River	2								2
TOTAL TYPED VIRUSES	136	54	4	29	89	19	88	130	549
0199 Adenovirus type pending						3			3
0299 Influenza virus type pending		1							1
0399 Parainfluenza virus type pending	1								1
1399 Herpes virus type pending								18	
1599 Enterovirus type pending						6			6

PERIOD: 21
 DATE: 6.10.'77 to 19.10.'77

SOURCE OF SPECIMEN

VIRUS OR VIRAL ANTIGEN	SOURCE OF SPECIMEN										TOTAL	
	FA	BL	NA	CS	SK	EY	UR	GE	BR	OT		
1011 Echovirus type 11	1			1								2
1017 " " 17			3									3
1018 " " 18				1								1
1022 " " 22	1		1									2
1023 " " 23	1											1
1030 " " 30			1									1
1101 Poliovirus type 1	3		2					1				6
1102 " " 2	4											4
1103 " " 3	2		1									3
1104 " - vaccinal strain	1											1
1200 Mumps virus	1	6	8	3								18
1300 Herpes virus not typed		6			3						1	10
1301 " simplex virus - not typed	16	2	14	2	7	1						42
1302 Epstein-Barr virus (EB virus)		2										2
1303 Varicella-Zoster virus		2			3						1	6
1306 Herpes simplex type 1			7		5			2				14
1307 " " " 2					3			20				23
1401 Coxiella burneti		23										23
1502 Picorna virus - not typed	1											1
1521 Measles virus		1										1
1522 Rubella virus		6										6
1532 Hepatitis B antigen		56										56
1533 " B antibody		52										52
1541 TRIC - Trachoma-Inclusion conjunctivitis							1	14				15
1556 CMV - cytomegalovirus		2	13	1			6	2			2	26

30.9.'77

LIST B COMMUNICABLE DISEASES AND AGENTS NOTIFIED AFTER HOSPITAL AND LABORATORY DIAGNOSIS

DISEASES	CASES NOTIFIED DURING WEEK								CUMULATIVE TOTAL - year to date*							
	N.S.W.	VIC.	QLD.	S.A.	W.A.	TAS.	A.C.T.	N.T.	N.S.W.	VIC.	QLD.	S.A.	W.A.	TAS.	A.C.T.	N.T.
AMOEBIASIS	N.N.	1							N.N.	6	17	3	4			
ANKYLOSTOMIASIS	N.N.								N.N.		45		17			226
ARBO VIRUS INFECTION			N.N.		N.N.						N.N.		N.N.			
DENGUE					N.N.						1		N.N.			
MURRAY VALLEY ENCEPHALITIS			N.N.	N.N.	N.N.		N.N.				N.N.	N.N.	N.N.		N.N.	
OTHER (STATE TYPE)				N.N.	N.N.		N.N.					N.N.	N.N.		N.N.	
HYDATID							2		8	1	1	2	1		2	
MALARIA	3	1	3					1	62	38	49	14	18	1	9	8
ORNITHOSIS (PSITTACOSIS, etc)										1			1			
Q. FEVER							N.N.		120		374	9			N.N.	
SALMONELLA (LABORATORY ISOLATES)	2	4	3	8	4				554	103	58	190	219	48	38	49
SHIGELLA (LABORATORY ISOLATES)	N.N.		1	1					N.N.		69	59			5	145

N.N. - NOT NOTIFIABLE

* - INCLUDES ADJUSTMENTS FOR REVISED DIAGNOSIS OR OTHER AMENDMENT.

QLD. (+) - MONTHLY NOTIFICATION OF GONORRHOEA AND SYPHILIS.

N.B. Notifications by Queensland for Gonorrhoea and syphilis are for the month of September.

Director-General of Health

7/10/'77

LIST B COMMUNICABLE DISEASES AND AGENTS NOTIFIED AFTER HOSPITAL AND LABORATORY DIAGNOSIS

DISEASES	CASES NOTIFIED DURING WEEK								CUMULATIVE TOTAL - year to date*							
	N.S.W.	VIC.	QLD.	S.A.	W.A.	TAS.	A.C.T.	N.T.	N.S.W.	VIC.	QLD.	S.A.	W.A.	TAS.	A.C.T.	N.T.
AMOEBIASIS	N.N.		1						N.N.	6	18		4			
ANKYLOSTOMIASIS	N.N.								N.N.		45		17			226
ARBO VIRUS INFECTION			N.N.		N.N.						N.N.		N.N.			
DENGUE					N.N.						1		N.N.			
MURRAY VALLEY ENCEPHALITIS			N.N.	N.N.	N.N.		N.N.				N.N.	N.N.	N.N.		N.N.	
OTHER (STATE TYPE)				N.N.	N.N.		N.N.					N.N.	N.N.		N.N.	
HYDATID									8	1	1		1		2	
MALARIA		1	2		2				62	39	51		20	1	9	8
ORNITHOSIS (PSITTACOSIS, etc)										1			1			
Q. FEVER			20				N.N.		120		394				N.N.	
SALMONELLA (LABORATORY ISOLATES)	12	3			4	1			566	106	58		223	49	38	49
SHIGELLA (LABORATORY ISOLATES)	N.N.							1	N.N.		69				5	146

N.N. - NOT NOTIFIABLE

* - INCLUDES ADJUSTMENTS FOR REVISED DIAGNOSIS OR OTHER AMENDMENT.

QLD. (+) - MONTHLY NOTIFICATION OF GONORRHOEA AND SYPHILIS.

Director-General of Health