

Communicable

Diseases

Intelligence

This issue is distributed late because report forms were held up in the postal strike.

INFLUENZA A(H₁N₁) IN AUSTRALIA

C.S.L. Melbourne has advised that a strain of influenza similar to A/USSR/90/77 (H₁N₁) was isolated from a woman in Hughesdale (Victoria) on 10 March 1978. This is the first reported isolation of this strain in Australia; however, investigation failed to reveal any contact with persons who had recently been overseas.

REPORTING OF HUMAN SALMONELLOSIS

Preparations have now been completed for the introduction of a scheme to monitor the incidence of human salmonellosis cases in Australia. It is hoped that within the next few weeks, data on the isolates reported will be routinely included in this bulletin.

This will represent the second phase in the development of the Communicable Diseases Intelligence, and has been established in conjunction with the four major salmonella typing laboratories in Australia, namely, the Institute of Medical Veterinary Science in Adelaide, the Microbiological Diagnostic Unit at the University of Melbourne, the Public Health Laboratory in Perth and the Institute of Clinical Pathology and Medical Research in Sydney. Information on salmonella isolates from humans, referred to these laboratories for species identification will in turn be forwarded to Canberra for inclusion in the statistics.

The reporting system will work only if the co-operation of clinical and public health laboratories around the country is obtained in providing detailed information on each case of human salmonellosis to the typing laboratory when a culture is forwarded for species identification. Although initially this information will be manually isolated and analysed in Canberra, it is the intention to monitor these reports to detect trends in infection with a particular serotype or even an outbreak.

ASYMPTOMATIC NEONATAL INFECTION (contributed by the staff of the Royal Children's Hospital, Melbourne)

Echo 22, shown to be seasonally endemic in the neonatal ward from 1966-71 when weekly faecal examinations were routinely carried out, was detected in 11 of 22 faeces when examinations were re-introduced on 27.2.78. The infections seem to be asymptomatic. Past experience has shown that a patient may excrete the virus for up

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to 4 weeks thus establishing a potentially long term source of infection.

PARAINFLUENZA VIRUS TYPE 1 IN A BRISBANE SCHOOL (contributed by
the State Health Laboratory, Brisbane)

In the week before Easter, a boarding school in a Western suburb of Brisbane reported that about 25% of the boarders had an influenza type illness. Specimens were collected from ten students and parainfluenza virus type 1 was isolated from six students.

The school was closed prematurely one day before the Easter vacation.

AUSTRALIA COMMUNICABLE DISEASES INTELLIGENCE

REPORTING PERIOD - 9 MARCH - 22 MARCH '78. BULLETIN NUMBER 78/6
 VIRAL IDENTIFICATIONS FROM CONTRIBUTING LABORATORIES

VIRUS OR VIRAL ANTIGEN	ICPMR (NSW)/ WVH (ACT)	RANC (NSW)	PHH/ POW (NSW)	FAIR- FIELD (VIC)	RCH (VIC)	IMVS (SA)	STATE LAB (QLD)	STATE LAB (WA)	TOTAL
0100 ADENOVIRUS NOT TYPED.....	-	-	-	1	1	3	4	6	15
0101 ADENOVIRUS TYPE 1.....	1	-	-	1	-	2	-	-	4
0102 ADENOVIRUS TYPE 2.....	3	-	-	-	-	5	-	-	8
0103 ADENOVIRUS TYPE 3.....	2	-	-	-	-	-	-	1	3
0105 ADENOVIRUS TYPE 5.....	-	-	-	-	-	-	-	1	1
0107 ADENOVIRUS TYPE 7.....	-	-	-	-	-	-	-	2	2
0119 ADENOVIRUS TYPE 19.....	-	-	-	-	-	-	-	2	2
0199 ADENOVIRUS TYPING PENDING.....	-	-	-	-	1	-	-	-	1
0201 INFLUENZA A VIRUS.....	-	-	-	1	-	1	-	-	2
0203 INFLUENZA B VIRUS.....	-	-	-	-	1	-	-	-	1
0299 INFLUENZA VIRUS.....	-	-	-	-	-	1	-	-	1
0301 PARAINFLUENZA VIRUS TYPE 1.....	-	-	-	1	-	-	-	1	2
0302 PARAINFLUENZA VIRUS TYPE 2.....	-	1	-	-	-	-	4	2	7
0303 PARAINFLUENZA VIRUS TYPE 3.....	1	-	-	-	-	-	3	3	7
0400 RESPIRATORY SYNCYTIAL VIRUS (RS)....	-	-	-	-	-	-	2	1	3
0500 RHINOVIRUS (ALL TYPES).....	-	-	-	1	2	4	7	2	16
0600 MYCOPLASMA PNEUMONIAE.....	14	-	-	4	-	1	4	1	24
0700 ORNITHOSIS-PSITTACOSIS.....	-	-	-	1	-	-	-	1	2
0800 COXSACKIEVIRUSES GROUP A - NOT TYPED.....	-	-	-	-	-	-	-	2	2
0899 COXSACKIEVIRUS GROUP A TYPING PENDING.....	-	-	-	-	-	-	1	-	1
0901 COXSACKIEVIRUS 81.....	-	-	-	-	-	1	2	1	4
0904 COXSACKIEVIRUS 84.....	-	-	-	-	-	1	-	1	2
1000 ECHOVIRUS NOT TYPED.....	-	-	-	-	-	-	8	-	8
1003 ECHOVIRUS TYPE 3.....	-	-	1	-	-	-	-	-	1
1006 ECHOVIRUS TYPE 6.....	-	-	1	-	-	-	-	-	1
1009 ECHOVIRUS TYPE 9.....	-	-	-	1	-	1	1	1	4
1014 ECHOVIRUS TYPE 14.....	-	1	-	-	-	-	1	-	2
1015 ECHOVIRUS TYPE 15.....	-	1	-	1	-	-	-	2	4
1016 ECHOVIRUS TYPE 16.....	-	-	-	-	-	1	-	-	1
1017 ECHOVIRUS TYPE 17.....	-	-	-	-	-	1	-	-	1
1018 ECHOVIRUS TYPE 18.....	1	-	-	-	-	-	-	-	1
1019 ECHOVIRUS TYPE 19.....	-	-	-	3	-	-	-	-	3
1022 ECHOVIRUS TYPE 22.....	-	-	1	-	-	3	-	1	5

2

AUSTRALIA - COMMUNICABLE DISEASES INTELLIGENCE

REPORTING PERIOD - 9 MARCH - 22 MARCH '78 BULLETIN NUMBER 78/6
 VIRAL IDENTIFICATIONS FROM CONTRIBUTING LABORATORIES - CONTINUED

VIRUS OR VIRAL ANTIGEN	ICPMR (NSW)/ WVH (ACT)	RAHC (NSW)	PHH/ POW (NSW)	FAIR- FIELD (VIC)	RCH (VIC)	IMVS (SA)	STATE LAB (QLD)	STATE LAB (WA)	TOTAL
1027 ECHOVIRUS TYPE 27.....	-	-	1	-	-	-	-	-	1
1030 ECHOVIRUS TYPE 30.....	-	-	1	5	-	-	-	-	6
1099 ECHOVIRUS TYPING PENDING.....	1	-	-	-	2	-	-	-	3
1101 POLIOVIRUS TYPE 1.....	-	-	-	-	-	-	-	1	1
1102 POLIOVIRUS TYPE 2.....	-	-	-	-	-	-	-	1	1
1105 POLIOVIRUS SABIN.....	-	1	-	-	-	-	-	-	1
1200 MUMPS VIRUS.....	4	-	-	-	-	-	-	-	4
1300 HERPES VIRUS GROUP-NOT TYPED.....	1	-	-	1	-	1	-	1	4
1301 HERPES SIMPLEX VIRUS-NOT TYPED.....	5	-	4	1	-	-	18	1	29
1303 VARICELLA-ZOSTER VIRUS.....	1	-	-	-	-	3	-	-	4
1306 HERPES SIMPLEX TYPE 1.....	8	-	-	7	-	10	-	7	32
1307 HERPES SIMPLEX TYPE 2.....	21	-	-	3	-	12	-	12	48
1399 HERPES VIRUS TYPING PENDING.....	17	-	-	-	-	-	-	-	17
1401 COXIELLA BURNETI.....	5	-	-	1	-	-	15	-	21
1502 PICORNA VIRUS-NOT TYPED.....	-	-	-	-	-	-	-	2	2
1512 VACCINIA VIRUS.....	-	-	-	-	-	-	1	-	1
1521 MEASLES VIRUS.....	1	-	-	-	1	-	1	-	3
1522 RUBELLA VIRUS.....	-	-	-	-	-	1	-	-	1
1532 HEPATITIS B ANTIGEN.....	-	-	10	28	-	6	13	9	66
1533 HEPATITIS B ANTIBODY.....	-	-	-	-	-	14	-	10	24
1541 TRIC - TRACHOMA-INCLUSION CONJUNCTIVITIS.....	-	-	-	-	-	2	-	6	8
1556 CMV - CYTOMEGALOVIRUS.....	4	-	1	-	2	3	2	1	13
1564 ROTAVIRUS.....	4	-	2	-	-	9	-	5	20
1599 ENTEROVIRUS TYPING PENDING.....	-	2	-	-	2	3	-	-	7
TOTAL.....	94	6	22	61	12	89	87	87	458

ROSS RIVER VIRUS..... 8 .. 3 .. 11

AUSTRALIA - COMMUNICABLE DISEASES INTELLIGENCE

REPORTING PERIOD - 9 MARCH - 22 MARCH 1978 BULLETIN NUMBER 78/6
 VIRAL IDENTIFICATIONS CATEGORISED INTO SOURCE SPECIMENS - CONTINUED

VIRUS OR VIRAL ANTIGEN	FA	BL	NA	CS	SK	EY	UR	BR	GE	OT	TOTAL
1030 ECHOVIRUS TYPE 30.....	1	-	2	3	-	-	-	-	-	-	6
1099 ECHOVIRUS TYPING PENDING.....	1	-	-	2	-	-	-	-	-	-	3
1101 POLIOVIRUS TYPE 1.....	1	-	-	-	-	-	-	-	-	-	1
1102 POLIOVIRUS TYPE 2.....	1	-	-	-	-	-	-	-	-	-	1
1105 POLIOVIRUS SABIN.....	1	-	-	-	-	-	-	-	-	-	1
1200 MUMPS VIRUS.....	-	2	-	2	-	-	-	-	-	-	4
1300 HERPES VIRUS GROUP-NOT TYPED.....	-	3	-	-	1	-	-	-	-	-	4
1301 HERPES SIMPLEX VIRUS-NOT TYPED.....	-	5	1	3	4	-	-	-	17	1	31
1303 VARICELLA-ZOSTER VIRUS.....	-	4	-	-	-	-	-	-	-	-	4
1306 HERPES SIMPLEX TYPE 1.....	-	-	12	-	12	1	-	-	7	1	33
1307 HERPES SIMPLEX TYPE 2.....	-	-	-	-	12	-	-	-	39	-	51
1399 HERPES VIRUS TYPING PENDING.....	-	-	2	-	-	-	-	-	15	-	17
1401 COXIELLA BURNETI.....	-	21	-	-	-	-	-	-	-	-	21
1502 PICORNA VIRUS-NOT TYPED.....	1	-	1	-	-	-	-	-	-	-	2
1512 VACCINIA VIRUS.....	-	-	-	-	1	-	-	-	-	-	1
1521 MEASLES VIRUS.....	-	1	1	1	-	-	-	-	-	-	3
1522 RUBELLA VIRUS.....	-	1	-	-	-	-	-	-	-	-	1
1532 HEPATITIS B ANTIGEN.....	-	65	-	-	-	-	-	-	-	-	65
1533 HEPATITIS B ANTIBODY.....	-	24	-	-	-	-	-	-	-	-	24
1541 TRIC - TRACHOMA-INCLUSION CONJUNCTIVITIS.....	-	-	-	-	-	1	-	-	7	-	8
1556 CMV - CYTOMEGALOVIRUS.....	-	4	4	-	-	-	4	-	-	-	12
1564 ROTAVIRUS.....	20	-	-	-	-	-	-	-	-	-	20
1599 ENTEROVIRUS TYPING PENDING.....	5	-	2	-	-	-	-	-	-	1	8
TOTAL.....	69	163	80	24	31	10	4	-	86	4	471

ROSS RIVER VIRUS..... 11 11