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WA100/N277

4 JUL 1977  
DEPARTMENT OF HEALTH

NATIONAL MICROBIOLOGICAL LABORATORY REPORTING SERVICE

BULLETINS 1, 2, and 3

- 1-13 January 1977
- 14-27 January 1977
- 28 Jan.-10 Feb. 1977

As laboratories will recall, it was decided that the service should start from period 4, but that where possible forms should be completed retrospective to 1 January 1977. Not all participating laboratories have been able to do this, so the tables attached to this issue are not complete. For this reason this issue is being sent to laboratories only, and has been photocopied rather than offset.

Fairfield Hospital staff (Louise Irving, Margery Kennett, F.A. Lewis and John White) have provided the following notes on interesting cases:

"Period 2 14.1.77 - 27.1.77

Echo 6 virus was isolated from N/Ts of a 22/12 old boy with clinical whooping cough. B.pertussis was also isolated and the child had not been immunized against pertussis.

A two year old girl developed encephalitis one week after onset of typical measles and was admitted to hospital semi-conscious. She required a tracheostomy for airway maintenance. A four-fold rise in measles CF antibody titre was shown in sera collected on the 10th and 19th days after onset of illness and this titre remained steady when repeated on the 43rd day. Three weeks after admission parainfluenza virus Type 1 was isolated from N/Ts coinciding with a spike in temperature. Slow improvement in the child's mental state began after one week and she was discharged after 4 weeks in hospital with residual difficulty swallowing and dragging her left foot. These problems have since resolved. This child had not received measles vaccine but had a past history of illness thought to be measles at age 5 months.

Period 3 28.1.77 - 10.2.77

Two cases of measles were diagnosed in this fortnight. Neither child had been given triple antigen, Sabin or measles vaccines.

A six year old boy was admitted to hospital for 4 days with a typical clinical picture and measles virus was grown from nose and throat swabs taken on admission. The other child, with a definite measles rash and Koplik spots was an eight month old boy admitted for social reasons. His three siblings also had measles. He developed a croupy cough after two days and on the fourth day required a tracheostomy when his temperature was 39.5 C and mumps virus was isolated from nasopharyngeal washings. Mumps virus was again isolated from a tracheal aspirate 5 days later. This child was in hospital for three weeks."

\* 1-13 January 1977

LABORATORY

VIRUS OR VIRAL ANTIGEN	IMVS	ICPMR	FAIR-FIELD	RAHC	PHH/POW	RCH	TOTAL
0100 Adenovirus not typed	2						2
0101 " type 1	1					1	2
0102 " " 2	2					1	3
0105 " " 5	1		1				2
0107 " " 7	1						1
0201 Influenza A virus	1						1
0301 Parainfluenza virus type 1	1			1			2
0303 " " " 3	1					1	2
0500 Rhinovirus (all types)						4	4
0600 Mycoplasma pneumoniae	1						1
0700 Ornithosis-psittacosis			1				1
0809 Coxsackievirus A9	4		1				5
0903 " B3	1						1
0905 " B5	3		3	2		2	10
1006 Echovirus type 6	2						2
1009 " " 9	1		4				5
1019 " " 19			23			1	24
1103 Poliovirus type 3			1				1
1200 Mumps virus	4		4				8
1301 Herpes simplex virus - not typed	2		1			7	10
1306 " " type 1 (oral)	5		4				9
1307 " " " 2 (genital)	11		3				14
1521 Measles virus	1						1
1522 Rubella virus			6	1			7
						.../2	

1-13 January 1977

LABORATORY

VIRUS OR VIRAL ANTIGEN	IMVS	ICPMR	FAIR-FIELD	RAHC	PHH/POW	RCH	TOTAL
1532 Hepatitis B antigen	7		14				21
1533 " B antibody	5						5
1534 " B antigen and antibody	1						1
1556 CMV - cytomegalovirus	1			1			2
1564 Rotavirus	2						2
TOTAL TYPED VIRUSES	61	-	66	5	-	17	149
1599 Enterovirus type pending						2	2

1-13 January 1977

SOURCE TISSUE

VIRUS OR VIRAL ANTIGEN	FA	BL	NA	CS	SK	EY	UR	GE	BR	OT	TOTAL
0100 Adenovirus not typed	1	1									2
0101 " type 1	2		1								3
0102 " " 2	2			1							3
0105 " " 5	1		1								2
0107 " " 7	1										1
0201 Influenza A virus		1									1
0301 Parainfluenza virus type 1			2								2
0303 " " " 3	2										2
0500 Rhinovirus (all types)			4						1		5
0600 Mycoplasma pneumoniae		1									1
0700 Ornithosis-psittacosis		1									1
0809 Coxsackievirus A9	2		2	1							5
0903 " B3	1										1
0905 " B5	5		2	4							11
1006 Echovirus type 6	1			1							2
1009 " " 9			4	2							6
1019 " " 19	5		15	13							33
1103 Poliovirus type 3	1										1
1200 Mumps virus	2	1		5							8
1301 Herpes simplex virus - not typed		1	2		6	1					10
1306 " " type 1 (oral)			3		6						9
1307 " " " 2 (genital)					14						14
1521 Measles virus		1									1
1522 Rubella virus		7									7

.../2

1-13 January 1977

## SOURCE TISSUE

VIRUS OR VIRAL ANTIGEN	SOURCE TISSUE										TOTAL
	FA	BL	NA	CS	SK	EY	UR	GE	BR	OT	
1532 Hepatitis B antigen		20									20
1533 Hepatitis B antibody		5									5
1534 " B antigen and antibody		1									1
1556 CMV - cytomegalovirus			2								2
1564 Rotavirus	2										2
TOTAL TYPED VIRUSES	28	40	38	27	26	1	-	-	1	-	161
1599 Enterovirus type pending	2			1							3

NATIONAL MICROBIOLOGICAL LABORATORY REPORTING SERVICE

PERIOD: 2

DATE: 14 Jan-27 Jan 1977

LABORATORY

VIRUS OR VIRAL ANTIGEN	IMVS	ICPMR	FAIR-FIELD	RAHC	PHH/POW	RCH	TOTAL
0100 Adenovirus not typed	1						1
0101 " type 1			1				1
0102 " " 2						2	2
0105 " " 5	1						1
0107 " " 7	1		1				2
0301	1		1				2
0500 Rhinovirus (all types)			1			6	7
0700 Ornithosis-psittacosis			3				3
0809 Coxsackievirus A9	5						5
0902 " B2			2				2
0905 " B5	8		2	1			11
1006 Echovirus type 6			3				3
1009 " " 9			1				1
1016 " " 16			1				1
1017 " " 17			1				1
1019 " " 19			8				8
1102 Poliovirus type 2			1				1
1103 " " 3			1				1
1200 Mumps virus	4		4	1			9
1300 Herpes virus not typed			1				1
1301 " simplex virus - not typed	1						1
1303 Varicella-Zoster virus	1						1
1306 Herpes simplex type 1 (oral)	7		15				22
1307 " " " 2 (genital)	15		12				27
1521 Measles virus			1			1	2

PERIOD: 2

DATE: 14 Jan-27 Jan 1977

LABORATORY

VIRUS OR VIRAL ANTIGEN	IMVS	ICPMR	FAIR-FIELD	RAHC	PHH/POW	RCH	TOTAL
1522 Rubella virus	2		4	1		1	8
1532 Hepatitis B antigen	10		31				41
1533 " B antibody	15						15
1534 " B antigen	1						1
1556 CMV - cytomegalovirus	1		1				2
1563 Coronavirus	2						2
TOTAL TYPED VIRUSES	76		96	3		10	185
0199 Adenovirus type pending						1	1
1399 Herpes virus type pending						15	15
1599 Enterovirus type pending	3					2	5



PERIOD: 2

DATE: 14 Jan-27 Jan 1977

## SOURCE OF SPECIMEN

VIRUS OR VIRAL ANTIGEN	FA	BL	NA	CS	SK	EY	UR	GE	BR	OT	TOTAL
1522 Rubella virus		7	1								8
1532 Hepatitis B antigen		41									41
1533 " B antibody		15									15
1534 " B antigen and antibody		1									1
1556 CMV - cytomegalovirus		2									2
1563 Coronavirus		2									2
TOTAL TYPED VIRUSES	14	76	50	13	35	1	2	-	-	4	195
0199 Avenovirus type pending			1								1
1399 Herpes virus type pending			6		6	1				7	20
1599 Enterovirus type pending	1		2	1							4

NATIONAL MICROBIOLOGICAL LABORATORY REPORTING SERVICE

DATE: 28 Jan-10 Feb 1977

PERIOD: 3

LABORATORY

VIRUS OR VIRAL ANTIGEN	IMVS	ICPMR	FAIR-FIELD	RAHC	PHH/POW	RCH	TOTAL
0100 Adenovirus not typed	1					1	2
0101 " type 1 (oral)	1						1
0102 " " 2 (genital)	1					1	2
0105 " " 5						1	1
0107 " " 7	1						1
0202 Influenza A virus subtype H3N2 (former A2)			1				1
0303 Parainfluenza virus type 3	2					1	3
0400 Respiratory syncytial virus (RS)						2	2
0500 Rhinovirus (all types)			1			3	4
0600 Mycoplasma pneumoniae			3				3
0700 Ornithosis-psittacosis			3				3
0809 Coxsackievirus A9			1				1
0903 " B3	1						1
0905 " B5	7		2	1			10
1006 Echovirus type 6			1				1
1009 " " 9			2				2
1011 " " 11				1			1
1016 " " 16			1				1
1017 " " 17			2				2
1018 " " 18			1				1
1019 " " 19	3		5			2	10
1102 Poliovirus type 2						2	2
1104 " - vaccinal strain	1						1
1200 Mumps virus			4				4
1301 Herpes simplex virus - not typed			1	1		4	6

PERIOD: 3

DATE: 28 Jan-10 Feb 1977

## LABORATORY

VIRUS OR VIRAL ANTIGEN		IMVS	ICPMR	FAIR-FIELD	RAHC	PHH/ POW	RCH	TOTAL
1303	Varicella-Zoster virus	2						2
1306	Herpes simplex type 1 (oral)	6		8				14
1307	" " " 2 (genital)	9		3				12
1401	Coxiella burneti			2				2
1521	Measles virus			1			3	4
1522	Rubella virus			2				2
1531	Hepatitis B virus			1				1
1532	" B antigen	15		20	1			36
1533	" B antibody	33						33
1556	CMV - cytomegalovirus			2			4	6
1563	Coronavirus	10						10
1564	Rotavirus	1						1
TOTAL TYPED VIRUSES		94		67	4		24	189
0199	Adenovirus type pending	1					1	2
1399	Herpes virus type pending						4	4
1599	Enterovirus type pending	6					3	9



