

Type II

MAR 23 1959

Rectal Swabs.

Tubes 1371 as attached sheet

Procedure 0.4 ml of fluid added to each of 3 tubes.Date of Rectal Swabs.

Tubes

	B.	3/25	3/26	3/27	3/29	3/30	3/31	
		<u>2</u>	<u>3</u>	<u>4</u>	<u>6</u>	<u>7</u>	<u>8</u>	
2/10/59	64	0	0	0	0	?	?	} Saved to Passage
One	65	0	0	0	0	?	?	
	66	few	3-4 off		Saved.			
2/12/59	67	2-3	4 off					} Pooled.
2 days	68	3-4	4 off					
	69	4 off.						
								Saved. 7. F. 4.
2/14/59	70	few	2-3	4 off.				} Saved. Pooled.
4 days	71	0-2	4 off.					
	72	0-1	3-4 off					
2/16/59	73	2-3	4 off.					} Pooled Saved.
6 days	74	2-3	4 off.					
	75	3-4	4 off.					
2/19/59	76	1-2	4 off.					} Pooled Saved.
9 days	77	0-1	3-4 off					
	78	0-1	3-4 off					
								4/7 4/8 4/9 4/10 1 2 3 5
2/23/59	79	0	0	0	0	?		79 0 0 0 0
13 days	80	0	0	0	0	0	0	Saved to Passage
	81	0	0	0	0	0	0	
3/3/59	82	0	0	0	0	0	0	
21 days	83	0	0	0	0	0	0	
	84	0	0	0	0	0	0	

3/30. tubes marked ? are disintegrated so that they cannot be read.
 Saved & passaged.

MAR 23 1959

Type II

Throat Swabs.

tubes 1371 as overleaf.

Procedure 0.4 ml of fluid added to each of 3 tubes.

Date of Throat Swab.

tubes B.

3/25

3/26

3/27

3/29

3/30

3/31

Passage in 1374 of 3/31/59

4/7 4/8 4/9 4/11
1 2 3 5

2/10/59

Pre

85

0

0

0

0

?

Saved to

Pass

0

0

86

0

0

0

0

0

0

87

0

0

0

0

0

0

2/12/59

2 days

88

0

0

0

0

0

0

89

0

0

0

?

Saved to

Pass

0

0

90

0

0

0

0

0

0

2/14/59

4 days

91

0

0

0

0

?

Saved to

Pass

0

0

92

0

0

0

0

?

0

93

0

0

0

0

0

0

2/16/59

6 days

94

2-3

4 off

}

95

2-3

4 off

}

96

2-3

4 off

}

Pooled Saved

2/19/59

9 days

97

2-3

4 off

}

98

0-2

4 off

}

99

few

3-4 off

}

Pooled Saved

2/23/59

13 days

100

0

0

0

0

0

0

101

0

0

0

0

?

?

102

0

0

0

0

?

1

Saved to

Pass

0

3/3/59

21 days

103

0

0

0

0

?

1

Saved to

Pass

0

104

0

0

0

0

0

0

105

0

0

0

0

0

0

APR 8 1959

Type II Group.Material:Pharyngeal Swabs of 2/16/59 and 2/19/59
MKP₁ of PRE Rectal Swab of 2/10/59 (tube B65) 3/26/59SeraPolio II antiserum. R. 43+44 1:10
Polio I + II + III pooled antiserum. tubes

1375 of 3/31/59

A.

Pharyngeal Swab.
2/16/59.

		4/10	4/11	4/13	4/14	4/16
		<u>3</u>	<u>3</u>	<u>5</u>	<u>6</u>	<u>8</u>
Fluid + equal vol	213	1-2	4 off			
Serum II	214	1-2	4 off			
	215	0-2	4 off			
+ diluent	216	2-3	4 off			
	217	2-3	4 off			
10^{-1}	218	0-1	4 off			
	219	0-2	4 off			
10^{-2}	220	0	0	4 off		
	221	0	0-1	4 off		
10^{-3}	222	0	0	2-3	4 off	
	223	0	0	0	0	0
10^{-4}	224		0	0	0	0
	225		0	0	0	0

Not Polio II

 $10^{-3}/0.2 \text{ ml}$ $10^{-3.7}/\text{ml.}$

9. overlay.

Rhanygeal Swab

2/19/59

	A	4/10 3	4/11 3	4/13 5	4/14 6	4/15 7	4/16 8
Fluid + equal vol	226	0-2	4off				
type II Serum.	227	0-2	4off				
	228	0-1	4off				
+ diluent	229	0-2	4off				
	230	1-2	4off				
10^{-1}	231	0-1	4off				
	232	0	0-2	4off			
10^{-2}	233	0	0	4off			
	234	0	0	0	0	0	0
10^{-3}	235	0	0	0	0	0	0
	236	0	0	0	0	0	0

Not Polio II

10^{-2} / 0.2ml

$10^{-2.7}$ / ml

MKP, of PRE Rectal Swab

10^{-4} + equal vol serum.	237	0	0	0	0	0	0
Polio I + II + III	238	0	0	0	0	0	0
	239	0	0	few	1-2	4off	Save
$10^{-4.2}$	240	3-4off					
	241	2-3	4off				
$10^{-5.3}$	242	2-3	4off				
	243	1-3	4off				
$10^{-6.3}$	244	0-1	2-4off				
	245	0	2-4off				
$10^{-7.3}$	246	0	0	2-3	4off		
	247	0	0	0	0	0	0

Polio + ?

$10^{-7.3}$ / 0.2ml.

Polio I

see test

of 4/13/59

type II group.

APR 13 1959

Material MKP, of PRE Rectal Swab. tube B65 of 3/26/59
diluted 10^{-4}

Sera
Polio I R 18 + 19 1:20
Polio II R 43 + 44 1:10
Polio III R 63 + 64 1:10.

tubes T377 of 4/7/59

		4/15	4/16	4/17	4/18	4/20	4/22
	7	2	3	4	5	7	9
10^{-4} + equal vol Polio I Serum	99	0	0	0	0	0	0
	100	0	0	0	0	0	0
	101	0	0	0	0	0	0
Polio II	102	2-3	4 off				
	103	2-3	4 off				
	104	2-3	4 off				
Polio III	105	2-3	4 off				
	106	2-3	4 off				
	107	2-3	4 off				
diluent	108	2-3	4 off				
	109	2-4 off	4 off				
	110	2-3	4 off				

Polio I

Results to date

The Rectal swab of 2/10/59 contains Polio I and possibly another virus.

The Pharyngeal swabs of 2/16 + 2/19 are not Polio II.

To find if Polio II appeared in any of the later swabs.

Material

MKP, of Rectal swabs of 2/12/59 2/14, 2/16, 2/19/59
Pharyngeal swabs of 2/16 + 2/19/59

Seal

Polio I

R18+19 of 4/1/55 1:20

Polio II

R43+44 of 11/1 1:10.

Tubes

T379 of 4/21/59

Date of Swab.

Tubes

4/30
2

5/1
3

5/2
4

5/4
6

5/6
8

2/12/59 R.S. MKP, 10^{-4} + Polio I.

55

0

0

0

0

0

56

0

0

0

0

0

57

0

0

0

0

0

+ Polio II

58

1-2

3-4 off

59

2-3

3-4 off

60

2-3

3-4 off

+ diluent

61

2-3

3-4 off

62

2-3

3-4 off

63

2-3

2-4 off

2/14/59 R.S. MKP, 10^{-4} + Polio I

64

0

0

0

0

0

65

0

0

0

0

0

66

0

0

0

0

0

+ Polio II

67

2-3

3-4 off

68

2-3

4 off

69

2-3

3-4 off

+ diluent

70

3

4 off

71

3

4 off

72

3

4 off

2/16/59 R.S. MKP, 10^{-4} + Polio I

73

0

0

0

0

0

74

0

0

0

0

0

75

0

0

0

0

0

+ Polio II

76

2-3

3-4 off

77

2-3

2-4 off

78

2-3

4 off

+ diluent

79

2-3

4 off

80

2-3

3-4 off

81

2-3

3-4 off

} Keep.

Polio I + ?

Polio I + ?

Swab	Tubes A	4/30 2	5/1 3	5/2 4	5/4 6	5/6 8	
2/19/59 R.S. MKP, 10^{-4} + Polio I	82	0	0	0	ovae	0	} Keep
	83	0	0	0	0	0	
	84	0	0	0 vac	ovae	0	
							} Polio I
	+ Polio II	85	2	4 off			
		86	1-2	3-4 off			
		87	2	4 off			
	+ diluent	88	2	4 off			
		89	2-3	4 off			
		90	1-3	4 off			
2/16/59 Throat MKP, Swab 10^{-4} + Polio I	91	0	0	0	ovae	0 vac	} Keep
	92	0	0	0	0	0	
	93	0	0	0	0	0	
							} Polio I
	+ Polio II	94	2-3	4 off			
		95	1-2	3-4 off			
		96	1-2	4 off			
	+ diluent	97	2-3	3-4 off			
		98	2-3	4 off			
		99	2-3	4 off			
2/19/59 Throat Swab MKP, 10^{-4} + Polio I	100	0	0	0	0		} Keep
	101	0	0	0	ovae		
	102	0	0	0	0		
							} Polio I
	+ Polio II	103	2-3	4 off			
		104	2-3	4 off			
		105	2-3	4 off			
	+ diluent	106	2-3	3-4 off			
		107	2-3	4 off			
		108	2-3	4 off			

MAY 7 1959

To identify the break thru viruses from Polio I serum
in R.S of 2/14/59 and 2/16/59.

Since the child was fed Polio II on 2/10/59 Decided to test for
this first.

5/4/59
Virus tube A64 Break thru Polio I serum of R.S of 2/14/59 diluted 10^{-4} .
Sera Polio I R 18+19 1:20 Polio II R 43+44 1:10 singly
and together.

tubes T380 of 4/28/59.

Mixture		tubes	5/9	5/11	5/12	5/13	5/14	5/15	
R.S 2/14/59	tube A64 of 5/4/59	B	2	4*	5	6	7	8	
10^{-4}	+ Polio I	145	0	0	0	0	0	0	} Keep.
		146	fluo	1-3	4 off	neutral	parah.		
		147	0	0	0	0	0	0	
	+ Polio II	148	3-4 off						
		149	2-4 off						
		150	2-4 off						
	+ Polio I + Polio II	151	0	0	0	0	0		} Keep.
		152	0	0	0	0	0		
		153	0	0	0	0	2-3	4 off.	
	+ diluent	154	4 off.						
		155	3-4 off						
		156	4 off						

R.S. of 2/16/59 tube A73 of 5/6/59 Break thru Polio I serum.

10^{-4}	+ Polio I	157	0	0-1	2-4 off				} Keep.
		158	0	0	0-2	2-4 off.			
		159	0	0	0	0-1	4 off.		
	+ Polio II	160	2-4 off.						
		161	2-4 off						
		162	2-4 off						
	+ Polio I + II	163	0	0	0	0 vac	0 vac	0 vac	} Keep.
		164	0	0	0-2	4 off			
		165	0	0	0	0 vac	0 vac	0 vac	
	+ diluent	166	2-4 off						
		167	2-4 off						
		168	2-4 off						

* The breakdown was obviously mainly Polio I. Check the
breakdown tube 146 again for Polio I & titrate out.