

Type III

MAR 23 1959

Rectal Swabs.

Tubes 1371 of 3/17/59 as attached sheet

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

<u>Date of Rectal Swab.</u>	<u>Tubes</u>	<u>3/25</u>	<u>3/26</u>	<u>3/27</u>	<u>3/29</u>	<u>3/30</u>	<u>3/31</u>	
	B.	<u>2</u>	<u>3</u>	<u>4</u>	<u>6</u>	<u>7</u>	<u>8</u>	
2/10/59	232	0	0	0	0	0	0	
he	233	0	0	0	2-3	? Pass		Polio
	234	0	0	1-3	4 off.			
2/12/59	235	0	1-3	4 off				
2 days	236	0	2-3	4 off resid parasites				is this Polio III
	237	0	2-3	4 off.				
2/14/59	238	0	0	0	0	0	0	
4 day	239	0	0	0	0	0	0	
	240	Oalk.	Oalk.	Oalk.	Oalk.	Oalk.	Oalk.	
2/16/59	241	0	0	0	0	0	0	
6 day	242	0	0	0	0	0	0	
	243	0	0	0	0	0	0	
2/19/59	244	0	0	0	0	0	0	
9 days	245	0	0	0	0	0	0	
	246	0	0	0	0	0	0	
2/23/59	247	0	0	0	0	0	0	
13 days	248	0	0	0	0	0	0	
	249	0	0	0	0	0	0	
3/3/59	250	0	0	0	0	0	0	
21 days	251	0	0	0	0	0	0	
	252	0	0	0	0	0	0	

MAR 23 1959

Throat Swabstubes 1371 as occlusalProcedure 0.4 ml of fluid added to each of 3 tubes.

<u>Date of Throat Swab</u>	<u>tubes</u> B.	<u>3/25</u> <u>2</u>	<u>3/26</u> <u>3</u>	<u>3/27</u> <u>4</u>	<u>3/29</u> <u>6</u>	<u>3/30</u> <u>1</u>	<u>3/31</u> <u>8</u>	
2/10/59	253	0	0	0	0	0	0	
free	254	0	0	0	0	0	0	
	255	0	0	0	0	0	0	
2/12/59	256	0	0	0	0	0	0	
2 days	257	0	0	0	0	0	0	
	258	0	0	0	0	0	0	
2/14/59	259	0	0	0	0	0	0	
4 days	260	0	0	0	0	0	0	
	261	0	0	0	0	0	0	barage 4/6/59
2/16/59	262	0	0	0	0	0	0	
6 days	263	0	0	0	0	0	0	
	264	0	0	0	0	?	?	4/7 4/8 4/9 4/10 1 2 3 5 Swed to loss 264 0 0 0 0
2/19/59	265	0	0	0	0	0	0	
9 days	266	0	0	0	0	0	0	
	267	0	0	0	0	0	0	
2/23/59	268	0	0	0	0	0	0	
13 days	269	0	0	0	0	0	0	
	270	0	0	0	0	0	0	
3/3/59	271	0	0	0	0	0	0	
21 days.	272	0	0	0	0	0	0	
	273	0	0	0	0	0	0	
	274							
	275							
	276							

APR 7 1959

type III group.

Material

M.K.P. of PRE Rectal swab 2/10/59
 M.K.P. of Rectal swab 2/12/59

to titrate & identify the virus in the above cultures.

Sera

Polio III antiserum R-63 + 64 1:10
 Polio I + II + III pooled.

Slides

1375 of 3/31/59

2/10/59
 10^{-4}

+ equal vol.

Polio I + II + III

serum

A

4/9
 2

4/10
 3

4/11
 4

4/13
 6

4/15
 8

188

0

0

0

0

189

0

0

0

0

190

0

0

0

0

+ diluent = $10^{-4.3}$

191

few

2-3

4 off

192

few

2-3

4 off

 $10^{-5.3}$

193

0

0

1-2

4 off

194

0

2-3

4 off

 $10^{-6.3}$

195

0

0

0

196

0

0

1-2

4 off

 $10^{-7.3}$

197

0

0

0

198

0

0

0

Polio

? type.

 $10^{6.3/0.2nd}$ 2/12/59 10^{-4} + equal vol

Polio III

199

few

3-4 off

200

few

3-4 off

201

few

3-4 off

+ equal vol

Polio I + II + III

202

0

0

0

0

203

0

0

0

0

204

0

0

0

0

+ diluent

 $10^{-4.3}$

205

0-2

3-4 off

206

0-2

3-4 off

 $10^{-5.3}$

207

0-1

2-4 off

208

few

2-3

4 off

 $10^{-6.3}$

209

0

2-3

4 off

210

0

few

3-4 off

 $10^{-7.3}$

211

0

0

0

0

212

0

0

0

0

Polio I or II

 $10^{6.8/0.2nd}$

La Polio III.

APR 28 1959

To identify the virus in the Rectal Swabs of 2/10/59 (Re) and 2/12/59 (2 days)

Results to date

2/10/59 R.S. MKP inhibited by Pooled Polio serum.

2/12/59 R.S. MKP, inhibited by Pooled Polio serum.

not inhibited by Polio III serum.

Procedure

Using Polio I serum. R18+19 1:20

+ Polio II serum R43+44 1:10

+ Pooled Polio I + II + III (III = R. 63+64 1:10)

Tubes 1399 of 4/21/59

Mixture

MKP, of 2/10/59 R.S.

 10^{-4}

+ equal vol

Polio I

Tubes

4/30

5/1

5/2

5/4

A.

2

3

4

6

31

0-1

3-4 off

32

0-1

3-4 off

33

few

3-4 off.

+ Polio II

34

0

0

0

0

0

35

0

0

0

0

0

36

0

0

0

0

0

+ Polio I+II+III

37

0

0

0

0

0

38

0

0

0

0

0

39

0

0

0

0

0

+ diluent

40

few

3-4 off

41

0-2

4 off

42

0-1

4 off

MKP, of 2/12/59 R.S.

 10^{-4}

+ equal vol

Polio I

43

1-2

4 off

44

1-2

4 off

45

1-2

4 off

+ Polio II

46

0

0-1

4 off (kept)

Polio II

?+

47

0

0

0

0

0

48

O vac.

O vac

O vac

O vac

O vac

+ Polio I+II+III

49

0

0

0

gone

0

50

0

0

0

gone

Kept ? CRE

51

0

0

0

0

0

? vac?

+ diluent

52

2-3

4 off

53

2-3

4 off

54

2-3

4 off

MAY 7 1959

To identify the break thru virus from Polio II serum
in RS of 2/12/59.

Since the child was fed type II on 2/10/59 decided to test
for that first

Virus tube A 46. of 5/2/59 diluted 10^{-4}
Serum Polio II R 43 + 44 1:10 Polio III R 63 + 64 1:10 singly
and together.

tubes 1380 of 4/28/59

<u>Mixture</u>	<u>tubes</u> B.	5/9 <u>2</u>	5/11 <u>4</u>	5/12 <u>5</u>	5/13 <u>6</u>	5/14 <u>7</u>	5/15 <u>8</u>	
10^{-4} + Polio II	169	0	0	0	0	0	0	Keep.
	170	0	0	0	0	0	0	
	171	0	0	few?	1-3	4 off.		
+ Polio III	172	2-4 off.						Keep.
	173	2-4 off.						
	174	2-4 off.						
+ Polio II + III	175	0	0	0	0	? degree		Keep.
	176	0	0	0	0	1-2 4 off.		
	177	0	0	0	0	1-2 4 off.		
+ diluent	178	4 off.						
	179	4 off.						
	180	2-4 off.						

MAY 26 1959

To identify the viruses in RS 7 2/12/59

Previous results

- 1) the Pre Rectal swab contains only Polio II
- 2) the R-S 7 2/12 contains mainly Polio II but one tube (A 46) broke thru.
- 3) tube A 46 contained mainly Polio II - but two tubes (B 176-7 7 5/14/59) broke thru Polio II + III.

Decided to check the break thru from Polio II + III.

Tubes 1384 of 5/19/59MK 13 of RS 7 2/12/59

tubes B 176-7 break thru

Polio II + III

 10^{-4} + Polio II

+ Polio III

+ Polio II + III

+ diluent

tubes A	5/28 2	5/29 3	5/30 4	5/31 5	6/1 6	6/2 7	6/3 8
121	0	0	0	0	0	0	0
122	0	0-2	1-3	4 off	Keft.		0
123	0	0	0	0	0	0	0
124	1-2	4 off.					
125	few	2-4 off					
126	0-1	4 off					
127	0	0	0	0	0	0 def.	0
128	0	0	0	0	0	0	0
129	0	0	0	0	0	0	0
130	2-3	4 off					
131	2	4 off					
132	2-3	4 off					