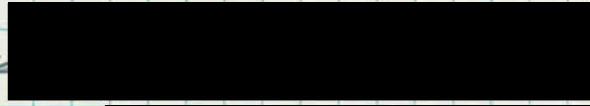


## Measles Input

No.	Name	Date Bled	Storage	Date Titered
1		12/4/53	C-3-1	12/10/53 68015
2		12/4/53	C-3-1	12/10/53 63024
3		12/17/53	C-2-2	12/18/53 3/26/54
4		2/7/54	A-4-7	2/11/54 62724
5		2/7/54	A-4-7	2/11/54 51302
6		2/11/54	A-4-7	3/26/54 68979
7		3/20/54	A-4-2	3/26/54
8		3/24/54	A-4-1	3/25/54
9		3/24/54	A-4-1	3/25/54
10		3/29/54	A-4-6	
11		3/29/54 <sup>7</sup>	A-4-6	

Attempt to Isolate Measles "Virus"

from



Case history of given to separate sheet.

Blood specimen obtained on 3/28/54 one day after onset of fever on the first day of the rash. Serum was separated on the same day & stored in dry ice box A-4-6

serum to be tested undiluted & in  $10^{-1}$  &  $10^{-2}$  dil. made in Hank's complete

Substrates: Serum of

Mat. Tested Tube  
Dil. & Amount No.

0.2 ml / undil.

0.2 ml /  $10^{-1}$

0.2 ml /  $10^{-2}$

Control for above Serum

Mat. Tested Tube  
No.

Hank's  
compl.

0.2 ml.

Attempt to Isolate Measles "Virus"

from [redacted]

Case history of [redacted] given on separate sheet

Blood specimen obtained on 3/27/54 2 days after onset of fever and one day after rash. Serum was separated on the same day & stored in dry ice box

A-4-6

Serum to be tested undiluted & in  $10^{-1}$  &  $10^{-2}$  dil. made in Hank's complete.

Inactivated Serum of

Mat. Tested Tube  
Dil. & Amount No.

0.2 ml /  
undil.

0.2 ml /  
 $10^{-1}$

0.2 ml /  
 $10^{-2}$

Control for Control Serum

Mat. Tested Tube  
No.

Hank's  
complete

0.2 ml

*Measles Data*

Name of Patient	Age years	Date of onset of first symptoms	Date of rash	Date of specimen	Remarks
[REDACTED]	8	2/8/54	3/10/54	2/11/54	Koplik spots rank 1038° 2/11/54
	2	3/25/54	3/26/54	3/27/54	Rash 366/54 Koplik spots 1038° 3/27/54
	2 1/2	3/24/54	3/27/54	3/24/54	Koplik spots 3/24/54
	1	12/17/53	12/17/53	12/17/53	Koplik spots rank 1028° 12/17/53
	3	3/27/54	3/28/54	3/28/54	Koplik spots rank 3/28/54
	8	3/24/54	3/24/54	3/24/54	Koplik spots rank 1028° 3/24

May 19, 1954

Dea [REDACTED]

This letter is about your [REDACTED] whom you brought to the clinic of the Children's Hospital on December 17, 1953, at which time the diagnosis of measles was made. It would be very helpful to us if you could answer the following questions as best you may remember and to the best of your ability:

- 1) How many days before you brought him to the clinic did [REDACTED] first appear to have been sick?
- 2) Did you notice a rash on [REDACTED] s [REDACTED] you brought him to the clinic and, if so, how many days before?
- 3) For how many days after you brought him home from the clinic did you see a rash on his body and how long was he sick after his visit to the clinic?
- 4) Did anybody else in your family or others who may have been exposed to Dennis develop measles?

You may write your answers directly on this sheet of paper and return it in the enclosed envelope. Your cooperation will be greatly appreciated.

Sincerely yours,

Albert B. Sabin, M.D.

ABS/jcs

Name of Patient [redacted]  
Visit History No. 86924 — Children's Hospital

Age 17 years

Address [redacted]

Date of Onset not given

12/17/53 seen Dr. Conway T. 102.8°F  
conjunctivitis, coryza, edema  
Koplik spots macular rash on  
face

Date Specimen  
obtained 12/17/53 — ?

Subsequent History not seen in clinic until  
2/9/54. no reference to  
previous visit

Contact History none given

Administration of  
Gamma Globulin none noted

Patient under Care of Clinic Children's Hospital

Name of Father + Mother Russell + Virginia

Serum Stored e-7-2

Check — Home — telephone or  
write

May 19, 1954

Dear M [REDACTED]

This letter is about your son [REDACTED] whom you brought to the receiving ward of the Cincinnati General Hospital on March 19, 1954. At that time a diagnosis of measles was suspected and I would appreciate it very much if you could let me know whether or not Reginald developed a rash on his face or body after you brought him home from the hospital. If he did, could you please indicate when the rash first came on and approximately how long it lasted?

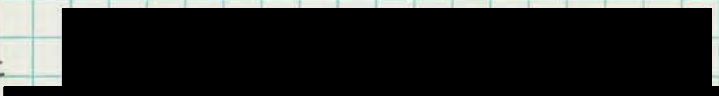
You may write your answer on this sheet of paper and return it in the enclosed envelope. Your cooperation will be greatly appreciated.

Sincerely yours,

Albert B. Sabin, M.D.

ABS/jcs

Name of Patient



Patient Seen at



Age

3 years

Name of Mother



Address

Onset of Disease

ca 3/16/54 fever cough  
3/19/54 Pharynx & ear drums  
mildly inj. Koplik's spots  
T. 103.4°F seen Dr. Excerpt

Date Specimen  
Obtained

3/19/54 3 days after onset  
symptoms; 1st day of  
Koplik's

Subsequent History

3/27/54 sibling Henry seen Dr. Hiseman  
T. 103°F cough fever cold 3 days  
Koplik's

History of Contact

none given

Administration of  
Gamma Globulin

~~not~~ noted

Serum Specimen

A-4-2

Call or write parents about date of  
read after visit to hospital

THE CHILDREN'S HOSPITAL RESEARCH FOUNDATION

CINCINNATI, OHIO  
29  
ELLAND AVE. AND BETHESDA

DEPARTMENT OF PEDIATRICS  
COLLEGE OF MEDICINE  
UNIVERSITY OF CINCINNATI

May 19, 1954

Dear [REDACTED]

This letter is about your son [REDACTED] whom you brought to the receiving ward of Cincinnati General Hospital on March 24, 1954. At that time it was suspected that he had measles but his temperature was normal and he had no rash. It would be greatly appreciated if you could answer the following questions to the best of your ability:

- 1) How many days before you brought him to the hospital did he first get sick and did he have fever before you brought him to the hospital?

*The same day he got sick we brought him to the hospital for a check up. he got a fever the same day.*

- 2) Did he develop a rash after his visit to the hospital and, if so, when did it first appear and approximately how many days did it last?

*yes. about three days later and lasted 7 days.*

- 3) Did he have fever after you brought him home from the hospital and how many days was he sick?

*yes. about seven.*

- 4) Did anybody else in your family or others who might have been exposed to [REDACTED] develop measles?

*Two of our other babies Sabrina & Michael.*

- 5) Did [REDACTED] have any "shots" before you brought him to the hospital?

*no.*

You may write your replies on this sheet of paper and return it in the enclosed envelope. Your cooperation will be greatly appreciated.

Sincerely yours,

*A. B. Sabin*

Albert B. Sabin, M.D.

ABS/jcs

May 19, 1954

Dear [REDACTED]:

This letter is about your son, [REDACTED], whom you brought to the receiving ward of Cincinnati General Hospital on March 24, 1954. At that time it was suspected that he had measles but his temperature was normal and he had no rash. It would be greatly appreciated if you could answer the following questions to the best of your ability:

- 1) How many days before you brought him to the hospital did he first get sick and did he have fever before you brought him to the hospital?
- 2) Did he develop a rash after his visit to the hospital and, if so, when did it first appear and approximately how many days did it last?
- 3) Did he have fever after you brought him home from the hospital and how many days was he sick?
- 4) Did anybody else in your family or others who might have been exposed to [REDACTED] develop measles?
- 5) Did [REDACTED] any "shots" before you brought him to the hospital?

You may write your replies on this sheet of paper and return it in the enclosed envelope. Your cooperation will be greatly appreciated.

Sincerely yours,

ABS/jcs

Albert B. Sabin, M.D.

Name of Patient

Patient Seen at

Cincinnati General Hospital  
Receiving Ward

Age

2 1/2 years

Address

Date of Onset

3/24/54 U.R. 1 caught, fever, photo-  
physical exposure to measles  
T 98.6° F Koplik's - no rashBlood Specimen 3/24/54  
(obtained)

Subsequent History

Rash started by mother on 3/29/54  
& for 7 days thereafter

History of Contact

exposure

Administration of  
(gamma globulin)- ~~AMM~~ no record

Serum Stored

A-4-1

Follow up by mail  
or social service

Name of Patient

[REDACTED]

Unit History No.

[REDACTED]

Age

8 years

Address

[REDACTED]

Date of Onset

2/8/54

fever, cough, & sore throat

2/9/54

seen Dr. Jirgen T. 101.4°F  
pharyngitis

2/10/54

rash on back & trunk  
feeling, non-productive cough

2/11/54

seen Dr. Forarsden T. 103.4°F  
fine papular rash on  
abdomen, chest, back & flexor  
surfaces of upper arms  
koplik spots  
apthous ulcers in mouth

Date Specimen  
Obtained

2/11/54

- 3 days after onset of symptoms  
1 day " " " " Rash

Subsequent  
History

3/1/54

seen in clinic well

Administration of  
Gamma Globulin

none

Patient under  
Care of -

Clinic Children's Hospital

Contact History

none given noted

Name Father  
& Mother

Melvin & Betty

Serial Stud

A-4-7

Not tested in  
monkey kidney

Name of Patient

Unit History No. 304826, C64

Age 3 1/2 years

Name of Mother

Address

Date of Onset 3/27/54 fever

3/28 seen Dr. Byrne (papular  
rash face, neck, extremities  
 Koplik spots

Subsequent History 4/3 rash partially gone

4/4 rash gone

Blood Specimen 3/28/54 - 1 day after onset  
obtained 1st day of rash

Contact History none recorded

Administration of - none record  
Gamma Globulin

Tender Care Dr. Byrne, Cincinnati General  
Hospital

Serum Found A-4-6

Not tested in  
monkey kidney

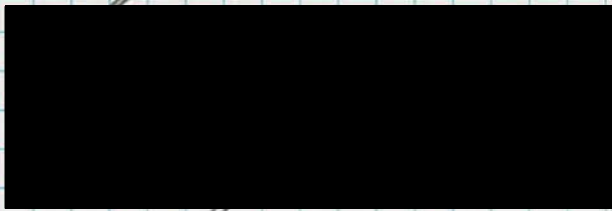
Name of Patient



Unit History No. 298178, CGH

Age 2 years

Name of Father  
F. Fisher



Address

Date of Onset 5/25/54 (fever), conjunctivitis,  
erythema, cough  
3/26/54 Generalized eruption  
3/27/54 T. 103.4°F Conjunctivitis Koplik's

Blood Specimen(s) drawn 3/27/54 - 2 days after onset  
1 day " rash

Subsequent History 3/31/54 (rash improved)  
This case was admitted to hospital  
because of dermatitis etiology  
unclarified that began to spread  
8 days PTA which was on 3/27/54

Patient under  
care of Resident on (B Ward) Contagious  
Unit Cincinnati General Hospital

Administrations - ~~XXXX~~ records  
Gamma Globulin

Exposure History not given

Serum stored A-4-6

Tested

Name of Patient

[REDACTED]

Unit History No.

62724

Age

5 years

Address

[REDACTED]

Date of Onset

2/5/54 fever, cough, coryza

2/8/54 Bilateral Purulent media  
tonsillitis  
Koplik's spots T. 104° F  
seen Dr. Friedman

Date specimen obtained

2/8/54 - 3 days after onset of symptoms  
At first appearance of Koplik's

Subsequent history

2/9/54 app'd CBH (Contagious P.W.)  
2/10/54 seen CBH T 99.8° Throat inj.  
fading measles rash markedly imp.

Administration of Gamma Globulin

none noted

Contact History

none given noted

Patient under Care of -

Alinia Children's Hospital

Name Father & Mother

Fredrick & Margorie

Serum Stored

A-4-7

Check - 3/11 - Home

Tested

Name of Patient



Unit History No.

81302

Age

2 years

Address



Date of Onset

4/5/54 chill, fever, dry cough

2/7/54

seen Dr. Friedman T. 103.2°F  
tonsillitis bilateral  
media Koplik's spots

Date Specimen Obtained

2/7/54

- 2 days after symptoms  
1st day of Koplik's spots

Subsequent History

app. CBH (contagious) R.W.  
2/9/54 no record at CBH

Contact History

none given known

Administration of Gamma Globulin

none ~~not~~ given - A-D-S

Patient under Care of

Clinic Children's Hospital

Name of Mother & Father

Matthew & Bernice

Note:

I talked to Mrs. Nies on 5-15-54  
A rash came on on 2-8-54 - lasted 2 days  
Quick recovery.

She also stated that a child in Columbus who  
was exposed to Terry at onset of illness  
subsequently was reported to have developed measles

Check by phone

Serum Stored A-4-7

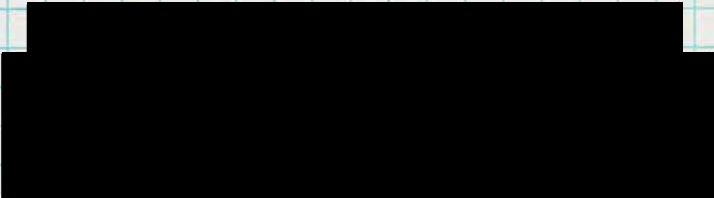
Name of Patient



Unit History No. 68015

Age 4 years

Address



Date of Onset

11/13/53  
11/20/53

fever caught runny nose  
cough  $100.2^{\circ}F$   
conjunctival red ear  
drums slightly red  
tonsils injected  
hypertrophied seen Dr  
Taverick

12/4/53

cough fever  $103^{\circ}F$   
and conjunctiva tonsils injected  
seen by Dr. Conway

Specimen obtained

12/4/53

- onset of first symptoms  
4 days before rash

Contact History

sibling Timon Zander seen  
with Koplik spots on 12-4-53

Subsequent History

12/7/53

no Koplik spots  
fever present

12/8/53

measles like rash  
sibling also with rash

Administration of  
Gamma Globulin

none given noted

Patient Under  
Care of

Clinic Children's Hospital

Name of Father &  
Mother

Joseph & Elizabeth

Serum Stored

P-3-1

Name of Patient



Unit History No.

63024

Age

5 years

Address



Date of onset

~~on 11/15/53 fever & running nose slight cough sore throat~~

Past history

~~11/20/53 seen Dr. Jannick~~

~~T. 100° F mal (mild)~~

~~bilateral conjunctivitis st. inj.~~

~~right eardrum st. inj. middle~~

~~no Koplik's~~

~~11/23/53 better cough~~

~~T. 99.6° F~~

12/4/53 Koplik spots fever

12/8/53 rash

Specimen obtained

12/4/53

- first day of Koplik's

Contact history

none given

Subsequent history

no reference to measles

Administration of Gamma Globulin

none given noted

Patient under care of

Clinic Children's Hospital

Name of Father & Mother

Joseph & Elizabeth

Serum Stored

C-31

MEASLES SERA SENT TO DR. JOHN ENDERS ON 5-17-54

Name of patient	Age years	Date of onset of first symptoms	Date of rash	Date of specimen	Remarks
[REDACTED]	4	12-4-53	12-8-53	12-4-53	Cough and 103 <sup>o</sup> F on 12-4-53
	5	?	12-8-53	12-4-53	"Fever" and Koplick spots on 12-4-53
	5	2-5-54	2-9-54	2-8-54	Koplick spots and 104 <sup>o</sup> on 2-8-54
	2	2-5-54	2-8-54	2-7-54	Koplick spots and 103.2 <sup>o</sup> on 2-7-54
	3	3-16-54	?	3-19-54	Koplick spots and 103.4 <sup>o</sup> on 3-19-54 Sibling developed measles 3-27-54

Name of Patient

Age

8 years

Unit History No.

Name of Mother

Address

Date of onset

3/24/54 two days after operation  
for umbilical hernia  
T. 102.8°F + rash noted at Good  
 Samaritan hosp. which was generalized.  
 Transferred to Congdon Unit CBH  
 P.M. same day no rash noted but  
 Koplik's spots present.

Subsequent History

3/31/54 discharged no develop-  
ment of rash. (fever) subsided 24 hrs.  
after admission.

Date Blood Spec-  
imens Obtained

3/24/54

Administration of  
Gamma Globulin

none recorded

Contact History

none noted

Serum Stored

A-4-1

Attempt to Isolate Measles "Virus"

from [redacted]

continuation of protocol of 3/25/1954

Eleven Days Secondary Passage material harvested  
 4/26/54 on fourth day of passage  
 Tubes 53-54 - 53-94 pooled centrifuged and  
 titration below ca. 22 ml. in 3 ampules stored C-48  
 Same tubes sent to histology to be stained

Substituted Tissue <sup>65</sup> of 4/19/54

<u>Tmt. Tested</u>	<u>Tube No.</u>	<u>4/27</u>	<u>4/29</u>	<u>5/1</u>	<u>5/3</u>	<u>5/5</u>	<u>5/7</u>	<u>5/10</u>	<u>5/12</u>	
		1	3	5	7	9	11	14	16	
0.2 ml / undil	65-1	0	0	0	0-1	0-2	2	2-3	23 off	} Harvest 5/12 } Centrifuge } Pass + freeze
	2	0	0	0?	1-2	2-3	3	3 off	3 off	
	3	0	0	0	0-1	1-2	1-2	2	2 off	
10 <sup>-1</sup>	4	0	0	0	0	0-1?	0-1	0-1	0 cl	
	5	0	0	0	0?	0-1	0-1	0-1	0 cl	
	6	0	0	0?	0?	1-2	1-2	2-3	2-3	
10 <sup>-2</sup>	7	0	0	0	0	0	0?	0 ±	0?	
	8	0	0	0	0	0	0	0	0 cl	
	9	0	0	0	0	0	0	0	0	
10 <sup>-3</sup>	10	0	0	0	0	0	0	0	0 cl	
	11	0	0	0	0	0	0	0	0 cl	
	12	0	0	0	0	0	0	0	0 cl	
10 <sup>-4</sup>	13	0	0	0	0	0	0	0	0	
	14	0	0	0	0	0	0	0	0	
	15	0	0	0	0	0	0	0	0	
10 <sup>-5</sup>	16	0	0	0	0	0	0	0	0	
	17	0	0	0	0	0	0	0	0 cl	
	18	0	0	0	0	0	0	0	0	
Controls	19	0	0	0	0	0	0	0 cl	0 cl	
	20	0	0	0	0	0	0	0	0	
0.2 ml blank complete	21	0	0	0	0	0	0	0	0	
	22	0	0	0	0	0	0	0 cl	0 cl	
	23	0	0	0	0	0	0	0	0 cl	
	24	0	0	0	0	0	0	0	0	

4/27/54 Inactivated Rabbit Serum added  
2.25ml into each tube  
Lot of 4/22/54 marked used by H.N.

## Passage of Measles "Virus"

from [REDACTED]

Passage Material 0.2 ml/tube of centrifuged harvest fluid from tubes 65-1, 2 & 3 representing Passage 3 of agent from F. Riggs  
 Below passage represents Passage 4  
 Refer protocol 4/26/54 stored C-2-2

Mat. Passaged	Tubes used	5/13	5/15	5/17	5/18	5/19
0.2 ml undil	76-1	0	0	0-1	1	2-3
prot 65-1, 2 & 3 of Pass 3 per tube	2	0	0	0-1	0-1	2-3
	3	0	0	0-?	0-?	2
	4	0	0	1	0-1	2

## Passage of Control Tubes Series 55

Passage Material 0.2 ml/tube of centrifuged harvest material from tubes 65-25, 26 & 27 representing Passage 2 of control tube agent. Below passage represents Passage 3 Refer to protocol of 4/26/54 for details stored C-2-3

Mat. Passaged	Tubes used	5/13	5/15	5/17	5/18	5/19
0.2 ml. undil	76-5	0	0	0-?	0-?	0-1
prot 65-25, 26 & 27 of Pass 2 per tube	6	0	0	0-1	0-?	0-1
	7	0	0	0-1	0-1	0-1
	8	0	0	0-1	0-1	0-1

## Control Tubes for above Passages

Passage Material	Tubes used	5/13	5/15	5/17	5/18	5/19
0.2 ml/tube of Hank's comp.	76-9	0	0	0	0-?	0
Control	10	0	0	0	0-?	0-?
0.2 ml Hank's comp.	11	0	0	0-?	0-?	0-1
	12	0	0	0-?	0-1	0-?

Tubes used Series 76 of 5/4/54  
 Rabbit Serum to be added 5/13/54  
 5/13/54 N.R.S. of 4/22/54 marked and H.N. added

(above recopied)

Kidney Passage 4 of *Tomorrow* "Virus"

isolated from [REDACTED]

Passage Material

0.2 ml./tube of centrifuged harvest fluid from tubes 65, 1-2 + 3 representing passage 3 agent from R. Riggs. For Passage History refer to protocol of 4/26/54 (stored e-2-2)

Material	Tubes	5/3	5/5	5/7	5/8	5/9	5/11	5/12	5/14
Passage	used	1	3	5	6	7	9	10	12
0.2 ml.	76-1	0	0	0-1	1	2-3	2-4	3-4	3-4
undil.	2	0	0	0-1	0-1	2-3	3-4	3-4	3-4
	3	0	0	0-?	0-?	2	3-4	2-4	<del>3-4</del>
	4	0	0	1	0-1	2	3-4	2-4	<del>3-4</del>

} harvested 5/14  
centrifuged  
stored A-4-7

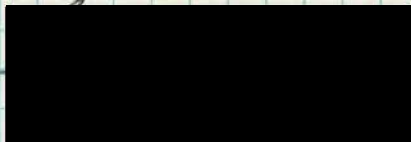
Control Tubes for Above Passage

Material	Tubes	5/3	5/5	5/7	5/8	5/9	5/11	5/12	5/14
Passage	used	1	3	5	6	7	9	10	12
0.2 ml	76-9	0	0	0	0-?	0	0	0 cl	0 cl
Hook's	10	0	0	0	0-?	0-?	0	0 cl	0 cl
Comp.	11	0	0	0-?	0-?	0-1	0	0	0 cl
	12	0	0	0-?	0-1	0-?	0	0	0 cl

Tubes used Series 76 of 5/4/54

5/12/54 N.R.S. of 4/22/54 added

0.2 ml./tube marked  
used A.H.

Kidney Sarcina 5400000 "Virus"isolated from Sarcoma Material

0.2 ml. / tube of centrifuged harvest fluid  
from tubes 76-1, 2, 3, 4 representing passage  
4 from serum of Russell Eggs. 7th previous  
passage refer to protocol of 5/12/54  
(stored A-4-7)

Tubes used Series 86 of 5/11/54

<u>Material</u>	<u>Tube</u>	<u>7/26</u>	<u>7/28</u>	<u>7/30</u>	<u>6/1</u>	<u>6/3</u>	<u>6/5</u>	
<u>Passage</u>	<u>No.</u>	<u>2</u>	<u>4</u>	<u>6</u>	<u>8</u>	<u>10</u>	<u>11</u>	
0.2 ml	86-55	0	0	2-3	3	4	4	} Discarded because similar cytopathogenic change appeared in control tubes
undil.	56	0	0	3	3	3	4	
	567	0	0-1	2	2-3	3	4	
	58	0-1	1	2-3	2-3	2-3	3-4	

Control Tubes for Above Passage

<u>Mat.</u>	<u>Tube</u>	<u>7/26</u>	<u>7/28</u>	<u>7/30</u>	<u>6/1</u>	<u>6/3</u>	<u>6/5</u>	
<u>Passage</u>	<u>No.</u>	<u>3</u>	<u>4</u>	<u>6</u>	<u>8</u>	<u>10</u>	<u>11</u>	
	86-63	0	0	2	3	4	4	
0.2 ml	64	0	0	2-3	2-3	4	4	
undil.	65	0	0-2	3	3	3	4	
Blank	66	0	0-1	2	2-3	3	3	

5/25/54 0.2 ml N.K.S. of 4/22/54 added

JUN 2 1954

Report

Kidney Passages of "Mumps Virus"  
Isolated from [redacted]

0.2 ml undil. frozen KP-4 strain A-4-7

Inoculated Series 92 5/25/54  
 no vaccination noted 6/2/54 reference

<u>Mat. Passage</u>	<u>Tube No.</u>	6/4	6/5	6/7	6/9	6/11	6/14	6/16	6/18
		<u>2</u>	<u>3</u>	<u>5</u>	<u>7</u>	<u>9</u>	<u>12</u>	<u>14</u>	<u>16</u>
0.2 ml undil. KP-4	92-101		0	0-1	1	1	<del>1</del>		
	102		0	0	1	2	2	2	3
	103		0	0	1	1	2	2	2
	104		0	0-1	1-2	2	2	2	2

} kana 6/19  
 strud temp

Control Tubes for above Passage

<u>Mat. Passage</u>	<u>Tube No.</u>	6/4	6/5	6/7	6/9	6/11	6/14	6/16	6/18
		<u>2</u>	<u>3</u>	<u>5</u>	<u>7</u>	<u>9</u>	<u>12</u>	<u>14</u>	<u>16</u>
0.2 ml undil. blanks	92-105	•	alk.						
	106		0	0	0	0	0	0	0
	107		0	0	0-?	0	0	0	0
	108		0	0	0	0	1 <del>2</del>	0-?	1

} discarded 6/19

6/3/54 0.2 ml rabbit serum added each tube  
 6/22/54 marked AN



4/27/54

inactivated rabbit serum of 4/22/54  
added 0.2 ml/tube marked with  
N.N.

Kidney Passage 3 of Control Tube Series 55  
"Agent"

Passage Material

0.2 ml./tube of centrifuged kidney material from tubes 65-25, 26 & 27 representing passage 2 of control tube agent. Refer to protocol of 4/26/54 for details (stored 0-2-3)

Tube Used Series 76 of 5/4/54

Material	Tube	5/3	5/5	5/7	5/8	5/9	5/11	5/12	5/14
Passage	Used	1	3	5	6	7	9	10	12
76-5	0	0	0-?	0-?	0-1	1	2-3	3-4	} karstedt 5/24 centrifuged stored A-4-7
6	0	0	0-1	0-?	0-1	2-3	2-3	<del>3-4</del>	
7	0	0	0-1	0-1	0-1	2	2-3	3-4	
8	0	0	0-1	0-1	0-1	1-2	1-2	2	

Control Tube for Above Passage

Passage	Tube	5/3	5/5	5/7	5/8	5/9	5/11	5/12	5/14
Material	Used	1	3	5	6	7	9	10	12
0.2 ml.	76-9	0	0	0	0-?	0	0	0 d	0 e
	10	0	0	0	0-?	0-?	0	0 d	0 e
Hanks	11	0	0	0-?	0-?	0-1	0	0	0 e
comp	12	0	0	0-?	0-1	0-?	0	0	0 e

5/13/54 normal R.S. added 0.2 ml./tube marked used  
 147.

Kidney Passage 4 of Control Tube Series 55  
"Agent"

Passage Material

0.2 ml. / tube of centrifuged harvest material from tubes 56-5, 6, 7 & 8 replicating passage 3 of control tube agent. Refer to protocols of 4/25/54 for details (Strain A-4-7)

Tube Series 86 of 5/11/54

<u>Mat.</u>	<u>Tube</u>	<u>5/6</u>	<u>5/7</u>	<u>5/8</u>	<u>6/1</u>	<u>6/2</u>	<u>6/3</u>	}
<u>Passage</u>	<u>No.</u>	<u>2</u>	<u>4</u>	<u>6</u>	<u>8</u>	<u>10</u>	<u>12</u>	
	86-59	0	0	1-3	1-3	3	4	Discarded because control tubes showed same cytopathogenic change
0.2 ml.	60	0	0-1	1-2	3	3	4	
undil.	61	0	0	1-2	1-2	3	4	
	62	0	1	3	3	3	4	

Control Tubes for Above Passage

<u>Mat.</u>	<u>Tube</u>	<u>5/6</u>	<u>5/7</u>	<u>5/8</u>	<u>6/1</u>	<u>6/2</u>	<u>6/3</u>
<u>Passage</u>	<u>No.</u>	<u>2</u>	<u>4</u>	<u>6</u>	<u>8</u>	<u>10</u>	<u>12</u>
0.2 ml.	86-63	0	0	2	3	4	4
undil.	64	0	0	2-3	2-3	4	4
Heads	65	0	0-2	3	3	3	4
	66	0	0-1	2	2-3	3	3

5/25/54 0.2 ml N.R.S of 4/22/54 added

Report

Kidney Passage of Control Tube Series 55  
"Report"

0.2 ml undil KP-3 frozen stored A-4-7

Undertimed Series 86 of 5/11/54  
 700 incubation started 6/12/54 before use

<u>Amount</u>	<u>Tube No.</u>	6/4	6/5	6/7	6/9	6/11	6/14	6/16	6/18	
		2	3	5	7	9	12	14	16	
0.2 ml.	96-109		0	0	0	0	1	2	2	} harvested 6/19 stored temp rec'd post
undil.	110		0	0	0	0-1	2	2	2	
KP3	111		0	0	0-?	0	1	1	2	
	112		0	0	0-?	0	0	1	2	

Control Tubes for Above Passage

<u>Amount</u>	<u>Tube No.</u>	6/4	6/5	6/7	6/9	6/11	6/14	6/16	6/18	
		2	3	5	7	9	12	14	16	
0.2 ml.	96-105		all							} dir.
undil	106		0	0	0	0	0	0	0	
Harbo	107		0	0	0-?	0	0	0	0	
	108		1	0	0	0	12	0-?	1	

6/3/54 0.2 ml rabbit serum added to each tube  
 by 4/22/54 2 marked H.S.

February 11, 1954

Attempt to Isolate "Dysentery Virus"  
from Serum [redacted]

[redacted] seen at the admitting room of  
Chedoke Hospital on Feb. 7, 1954 with history of cough  
coryza of three days duration & with typical spots. The  
serum was drawn evening of Feb. 7 & stored in 4° ice  
box until following morning when it was separated  
& stored in dry ice box (serum) A-4-7  
Dr. Murrell obtained the serum

Serum Dilution & Amount	Tube No.	7/12	7/13	7/14	7/15	7/16	7/17	7/18	7/19	7/20
		1	2	3	4	5	6	7	8	9
0.2 ml / undil.	11-101	0	0	0	0	0	0	0	0	0
	102	0	0	0	0	0	0	0	0	0
	103	0	0	0	0	0	0	0	0	0
0.2 ml / 10 <sup>-1</sup>	104	0	0	0	0	0	0	0	0	0
	105	0	0	0	0	0	0	0	0	0
	106	0	0	0	0	0	0	0	0	0
0.2 ml / 10 <sup>-2</sup>	107	0	0	0	0	0	0	0	0	0
	108	0	0	0	0	0	0	0	0	0
	109	0	0	0	0	0	0	0	0	0

Tubes used were 11 Series of 2/6/54 with several (2-5)  
areas of fresh looking finite extensive growth

February 11, 1954

Attempt to Isolate Measles "Virus"  
from Serum [redacted]

[redacted] is a Clinic O.P. seen by [redacted] & diagnosed measles.  
Blood was stored in ice box until 2/8/54 when  
it was separated & serum stored in dry ice box  
A-4-7.

Serum Dilution & Amount	Tube No.	2/12	2/13	2/14	2/15	2/16	2/17	2/18	2/19	2/20
		1	2	3	4	5	6	7	8	9
0.2 ml / undiluted	110	0	0	0	0	0	0	0	0	0
	111	0	0	0	0	0	0	0	0	0
	112	0	0	0	0	0	0	0	0	0
0.2 ml / 10 <sup>-1</sup>	113	0	0	0	0	0	0	0	0	0
	114	0	0	0	0	0	0	0	0	0
	115	0	0	0	0	0	0	0	0	0
0.2 ml / 10 <sup>-2</sup>	116	0	0	0	0	0	0	0	0	0
	117	0	0	0	0	0	0	0	0	0
	118	0	0	0	0	0	0	0	0	0

December 6, 1953

Stored C-3-1 two rubber stoppered bottles of serum  
specimens labeled resp.

[REDACTED]

[REDACTED]

Above two children were seen 12-4-53  
(siblings) one was seen with Koplik  
spots and the other had only fever.

12-7-53

Mistake in above label (labels corrected to read as  
on 5/17/54)

Child 1 [REDACTED] Koplik [REDACTED]

Child 2 is [REDACTED] [REDACTED]

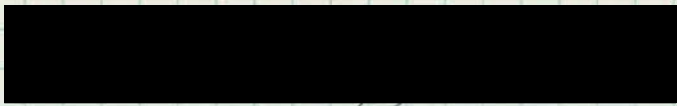
on 12-7-53 both children have fever but  
both are without rashes.

12-8-53

Rashes observed on [REDACTED]  
Somewhat like rashes of Geraldine Zander.

December 10, 1953

Sheet 1



Meadow Suspect

CZ Series of Harey (Culture Tubes of 12.3.53) (Cyr)

Serum Dilution	Tube No.	12/11	12/12	12/13	12/14	12/15	12/16	12/17	12/18	12/21	12/22	12/23/24
undiluted	CZ-7	0	0	0	0	0	0	0	0	0	0	0
	8	0	0	0	0	0	0	0	0	0	0	0
	9	0	0	0	0	0	0	0	0	0	0	0
10 <sup>-1</sup>	10	0	0	0	0	0	0	0	0	0	0	0
	11	0	0	0	0	0	0	0	0	0	0	0
	12	0	0	0	0	0	0	0	0	0	0	0
10 <sup>-2</sup>	13	0	0	0	0	0	0	0	0	0	0	0
	14	0	0	0	0	0	0	0	0	0	0	0
	15	0	0	0	0	0	0	0	0	0	0	0

Sub passage

		12/19	12/20	12/21	1/1	1/2	12/24/53	1/3	1/4	1/5	1/6	1/7	1/8	1/10
undiluted	CZ-7 → DF 201	0	0	0	0	0	0	0	0	0	0	0	0	0
	CZ-8 → DF 202	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1 ml/tube CZ-9 → DF 203	0	0	0	0	0	0	0	0	0	0	0	0	0
10 <sup>-1</sup>	CZ-10 → DF 204	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1 ml/tube CZ-11 → DF 205	0	0	0	0	0	0	0	0	0	0	0	0	0
	CZ-12 → DF 206	0	0	0	0	0	0	0	0	0	0	0	0	0
10 <sup>-2</sup>	CZ-13 → DF 207	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1 ml/tube CZ-14 → DF 208	0	0	0	0	0	0	0	0	0	0	0	0	0
	CZ-15 → DF 209	0	0	0	0	0	0	0	0	0	0	0	0	0

12/24/53 Tubes CZ-7-15 discarded following passage into VF series of 12/24/53 showing at least three areas of growth

December 10, 1953

Child 2



Measles Suspect  
(with Kopliks spots)

OT series of kid cult tubes (Ozn) 12-3-53

Serum Dilution	Tube No.	12/1	12/2	12/3	12/4	12/5	12/6	12/7	12/8	12/21	12/22	12/23	12/24
undiluted	OT-16	0	0	0	0	0	0	0	0	0	0	0	0
	17	0	0	0	0	0	0	0	0	0	0	0	0
	18	0	0	0	0	0	0	0	0	0	0	0	0
10 <sup>-1</sup>	19	0	0	0	0	0	0	0	0	0	0	0	0
	20	0	0	0	0	0	0	0	0	0	0	0	0
	21	0	0	0	0	0	0	0	0	0	0	0	0
10 <sup>-2</sup>	22	0	0	0	0	0	0	0	0	0	0	0	0
	23	0	0	0	0	0	0	0	0	0	0	0	0
	24	0	0	0	0	0	0	0	0	0	0	0	0

Subpassage

	Tube	DF	12/25	12/26	12/27	12/28	12/29	12/30	12/31	12/31	12/31	12/31	12/31	12/31	12/31	12/31	12/31	12/31	
undiluted	OT-16	→ DF 210	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.1 ml/tube	17	→ DF 211	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	18	→ DF 212	0a	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 <sup>-1</sup>	19	→ DF 213	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.1 ml/tube	20	→ DF 214	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	21	→ DF 215	0	0a	0a	0a	0a	0a	0a	0a	0a	0a	0a	0a	0a	0a	0a	0a	0a
10 <sup>-2</sup>	22	→ DF 216	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.1 ml/tube	23	→ DF 217	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	24	→ DF 218	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

12/24/53 Tubes 22-24 discarded after passage into DF tubes of 12-15-53 showing at least 3 areas of good growth

December 18, 1953

B Mrs. W. M.

Murphy Subject  
Flas. Topicks  
770 Rank

rash developed day  
after serum drawn

Blood drawn 12-17-53 at 11:00 P.M. by Dr. Conway  
Separated & serum frozen C-2-2

DF Series 12-17		12/19	12/20	12/21	12/22	12/23	12/24	12/26	12/28	12/29	12/30	12/31
DF Series		1	2	3	4	5	6	8	10	11	12	13
1.2 ml serum	DF-X	0	0	0	0	0	0	0	0	0	0	0
undiluted												

December 31, 1953

Subpassage Tube DF-X into 5 tubes of DF Series with 2 areas  
of growth. These tubes were made on 12/21/53

	1/1	1/2	1/3	1/4	1/5	1/6	1/7	1/8	1/9	1/10	1/11	1/12	1/13
DF-X	201		0			0		0					0
1.2 ml	202		0			0		0					0
	203		0			0		0					0
	204		0			0		0					0
	205		0			0		0					0

March 25, 1954

Attempt to Isolate Measles "Virus"

from [redacted]

Patient seen Cincinnati General Hosp. Receiving  
 Ward on 3/24/54 with typical spots but no rash

Blood drawn 3/24/54

Serum Separated 3/24/54 stored A-4-1

Tested Series 44 of 3/18/54

Serum Tested	Dil.	3/26	3/27	3/28	3/29	3/30	3/31	4/1	4/2
Dil. & Amount	70.	1	2	3	4	5	6	7	8
0.27ml. / undil.	44-1	0	0	0	0	0	0	0	0
	2	0	0	0	0	0	0	0	0
	3	0	0	0	0	0	0	0	0
10 <sup>-1</sup>	4	0	0	0	0	0	0	0	0
	5	0	0	0	0	0	0	0	0
	6	0	0	0	0	0	0	0	0
10 <sup>-2</sup>	7	0	0	0	0	0	0	0	0
	8	0	0	0	0	0	0	0	0
	9	0	0	0	0	0	0	0	0

4/2/54 Eight Day Passage of above Tubes Individually

Inoculum 0.27ml. of undil. mat. from each of above  
 tubes passaged into separate tube

Tubes used Series 49 of 3/25/54

Transfer made from:	4/3	4/4	4/5	4/6	4/7	4/8	4/9	4/10	4/12
	1	2	3	4	5	6	7	8	11
44-1	49-101	0	0	0	0	0	0	0	0
2	102	0	0	0	0	0	0	0	0
3	103	0	0	0	0	0	0	0	0
4	104	0	0	0	0	0	0	0	0
5	105	0	0	0	0	0	0	0	0
6	106	0	0	0	0	0	0	0	0
7	107	0	0	0	0	0	0	0	0
8	108	0	0	0	0	0	0	0	0
9	109	0?	0?	0	0	0	0	0	0

} Pool & passage

} Pool & passage

} Pool & passage

APR 12 1954

Eleven Day Secondary Passage

Tubes Used - Series 53 - of 4/18/54

Transfer made from:		4/4	4/5	4/6	4/7	4/8	4/9	4/22	4/24	4/26		
		1	2	3	4	5	6	7	10	12	14	
49-101	53-76	0	0	0				0	0	0-?	0-?	
102	77	0	0	0				0	0	0-?	0-?	
103	78	0	0	0				0	0	0-?	0-?	
104	79	0	0	0				0	0	0-?	0	stain
105	80	0	0	0				0	0	<del>0-?</del>	?-2	Harvest 4/26 e-4-8
106	81	0	0	0				0	0	0-?	0-?	stain
107	82	0	0	0				0	0	0-?	0-1	
108	83	0	0	0				0	0	0-?	0	
109	84	0	0	0				0	0	0	0	stain
Control	53-A	0	0	0				0	0	0	0	
"Heads"	B	0	0	0				0	0	0	0	
neg tubes	C	0	0	0				0	0	0	0	

APR 12 1954

0.2 ml. of inactivated rabbit serum added to each of above tubes

Control Tubes - Series 53

Tubes B+C

Harvest - Centrifuge

Titer Undil to  $10^{-5}$

3 tubes/dil.

= 18 tubes

Controls - same as  
Rigg.

March 25, 1954

Attempt to Isolate Forssman "Virus"

Patient on 2 Hour Contagious unit with Koplik  
Spots & red rash

Blood drawn 3/24/54 & serum separated same day  
stored A-4-1

Tubes used Series 44 of 3/19/54

<u>Serum Tested</u>	<u>Tube</u>								
<u>Dil. &amp; Amount</u>	<u>770.</u>	<u>7/26</u>	<u>7/27</u>	<u>7/28</u>	<u>7/29</u>	<u>7/30</u>	<u>7/31</u>	<u>7/1</u>	<u>7/2</u>
2.2 ml. / undil.	44-10	0	0	0	0	0	0	0	0
	11	0	0	0	0	0	0	0	0
	12	0	0	0	0	0	0	0	0
	13	0	0	0	0	0	0	0	0
10 <sup>-1</sup>	14	0	0	0	0	0	0	0	0
	15	0	0	0	0	0	0	0	0
	16	0	0	0	0	0	0	0	0
10 <sup>-2</sup>	17	0	0	0	0	0	0	0	0
	18	0	0	0	0	0	0	0	0

4/2/54 Eight Day Passage of Above Tubes Individually

Inoculum 2.2 ml. of undil. mat. from each of above  
tube into separate tubes

Tubes used Series 49 of 3/25/54

<u>Transfer made from</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>11</u>	<u>2</u>	<u>15</u>
	<u>7/3</u>	<u>7/4</u>	<u>7/5</u>	<u>7/6</u>	<u>7/7</u>	<u>7/8</u>	<u>7/9</u>	<u>7/10</u>	<u>7/12</u>	<u>7/13</u>	<u>7/14</u>
44-10	49-110	0	0	0	0	0	0	0			
11	111	0	0	0	0	0	0	0	found cells	} pooled stored A-8-4	
12	112	0	0	0	0	0	0	found cells			
13	113	0	0	0	0	0	0	found cells	1	0	0
14	114	0	0	0	0	0	0	found cells	found cells	found cells	} pooled stored A-8-4
15	115	0	0	0	0	0	0	"	"	"	
16	116	0	0	0	0	0	0	0	0	0	} pooled stored A-8-4
17	117	0	0	0	0	0	0	found cells	found cells		
18	118	0	0	0	0	0	0	"	"		

APR 1 2 1954

Seven Days Secondary Passage

Tubes Used Series 53 of 4/15/54

Transfer made from:	2	3	4	5	6	7	10	12	14		
	4/13	4/14	4/15	4/16	4/17	4/18	4/19	4/22	4/24	4/26	
49-110 } 53-84	0	0	0				0	0+	##	3-4 off	prolifer
111 } 85	0	0	0				0	0+	##	"	4/26
112 } 86	0	0	0				0	0+	##	"	"
113 } 87	0	0	0				0	0+	##		titration
114 } 88	0	0	0				0	0+	3-4 off		tubes
115 } 89	0	0	0				0	0+	4 off		stained
116 } 90	0	0	0				0	0	0-1	2	stained
117 } 91	0	0	0				0	0	3-4 off		2-4-8
118 } 92	0	0	0				0	0	0-2	3-4	3 amp.
49-113 } 53-93	0	0	0				0	0	3-4 off	3-4 off	
94	0	0	0				0	0	2	3	
Control 33A	0	0	0				0	0	0	0	} stained 4/26
B	0	0	0				0	0	0	0	
C	0	0	0				0	0	0	0	

APR 1 2 1954

0.2 ml. of inactivated rabbit serum added to each of above tubes

4/22/54 gross degeneration noted in each tube 53-84-94

APR 24 1954

All 3 control tubes are in excellent condition

All other tubes show a marked change which is grossly apparent as a moth-eaten appearance of the epithelial sheets - much of which is falling off the glass

Changes - Extensive "vacuolization" + fusion of cells but "vacuoles" have opaque substance in center



March 26, 1954

Attempt to Isolate Virus

from [redacted]

Seen at Cincinnati General Hospital receiving ward on 3/20/54. with Koplik spots & red rash

Blood Drawn 3/20/54 by Dr. Engert

Serum Separated 3/20/54 stored A-4-2

Inactivated Serum 45 of 3/19/54

Sera Tested July

Dil. & Amount	77a	3/27	3/28	3/29	3/30	3/31	4/1	4/2	4/3	4/4	4/5	4/6	4/7	4/8	4/9	4/13
		1	2	3	4	5	6	7	8	9	10	11	12	14	18	
0.27ml. / undil.	45-25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	} 3
	26	0	0	0	0	0	0	0	0	0	0	0	0	0		
	27	0	0	0	0	0	0	0	0	0	0	0	0	0		
10 <sup>-1</sup>		28	0	0	0	0	0	0	0	0	0	0	0	0	0	} 3
		29	0	0	0	0	0	0	0	0	0	0	0	0		
		30	0	0	0	0	0	0	0	0	0	0	0	0		
10 <sup>-2</sup>		31	0	0	0	0	0	0	0	0	0	0	0	0	0	} 3
		32	0	0	0	0	0	0	0	0	0	0	0	0		
		33	0	0	0	0	0	0	0	0	0	0	0	0		

4/3/54

Eight Day Passage of Above Virus Individually

Inoculum 0.27ml. undil. material from each of above tubes passaged into separate tubes

Inactivated Serum 50 of 3/26/54

Transfer made from		2	3	4	5	6	10
		44	45	46	47	48	49
45-25	50J	0	0	0	0	0	0
26	K	0	0	0	0	0	0
27	L	0	0	0	0	0	0
28	M	0	0	0	0	0	0
29	N	0	0	0	0	0	0
30	O	0	0	0	0	0	0
31	P	0	0	0	0	0	0
32	Q	0	0	0	0	0	0
33	R	0	0	0	0	0	0

} 3  
} 3  
} 3



March 26, 1954

Attempt to Isolate Measles "Virus"

from [redacted]

Birth date 11-28-52 13 mos w m.

Measles Suspect with Koplik spots but red rash  
 on 12/17/53 Rash developed day after serum drawn  
 on 12/18/53

Blood drawn 12-17-53 at 11:00 P.M. by Dr. Conway at  
 Children's Hosp. Res. Bldg.

Separated 12-18-53 & frozen in C-2-2

Tubes used Series 45 of 3/19/54

Separated	Tube	7/1	7/2	7/3	7/4	7/5	7/6	7/7	7/8	7/9	7/10	7/11	7/12	7/13	7/14
Dil. & Amount	770.	1	2	3	4	5	6	7	8	9	10	11	12	13	14
0.2 ml. / undil.	45-34	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	35	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	36	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	37	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 <sup>-1</sup>	38	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	39	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 <sup>-2</sup>	41	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	42	0	0	0	0	0	0	0	0	0	0	0	0	0	0

4/3/54

Eight Dry Passages of (above) Tubes Individually

Inoculum 0.2 ml of undiluted material from each of  
 above tubes passaged into separate tubes

Tubes used Series 50 of 3/26/54

Transfer made from:		2	3	4	5	6	7	10
		7/4	7/5	7/6	7/7	7/8	7/9	7/10
45-34	50-5	0	0	0	0	0	0	0
35	T	0	0	0	0	0	0	0
36	U	0	0	0	0	0	0	0
37	V	0	0	0	0	0	0	0
38	W	0	0	0	0	0	0	0
39	X	0	0	0	0	0	0	0
40	Y	0	0	0	0	0	0	0
41	Z	0	0	0	0	0	0	0
42	I	0	0	0	0	0	0	0

d.d.  
 mold disc.  
 d  
 fused cells  
 " "  
 " "  
 " "  
 " "  
 " "

APR 13 1954

Eight  
Leontideum Day Primary Passage

Tubes Used Series 55 of 4/7/54

Transfer made from:	Tube No.	1/4	1/5	1/6	1/7	1/8	1/9			1/22	1/24	1/28
		1	2	3	4	5	6	7	8	9	11	14
45-34 0.2ml.	58-59			0			0			0	0-1	0-1
	59			0			0			0	1-3	3
	60			0			0			0	0-2	2-3
Pool 45-37	61			0			0			0	0	0-1
38 } 0.2ml.	62			0			0			0	0-?	2
39 }	63			0			0			0	0-?	2
Pool 45-40	64			0			0			0	0-?	0-1
41 } 0.2ml.	65			0			0			0	0-?	0
42 }	66			0			0			0	0-?	0

APR 13 1954

Ten Day Secondary Passage

Transfer made from:	Tube No.	1/4	1/5	1/6	1/7	1/8	1/9			1/22	1/24	1/27
		1	2	3	4	5	6	7	8	9	11	14
Pool 50-51	67			0			0			0	3-4	3-4
* } 0.2ml	68			0			0			0	1	1
u }	69			0			0			0	1-3	3
Pool 50-V	70			0			0			0	3-4	3-4
w } 0.2ml.	71			0			0			0	1-2	3
x }	72			0			0			0	1-2	3
Pool 50-Y	73			0			0			0	1-3	4 harvested
Z } 0.2ml	74			0			0			0	2-3	* 4/29
I }	75			0			0			0	3-4	4 stored A-7-4
Control Tubes	52-A			0			0			0	0	0
of above 2	B			0			0			0	0-2	2 harvested
Passage Series	C			0			0			0	0-2	2 4/26 stored C-48

4/14/54 0.2ml rabbit serum added to each tube



APR 13 1954

Eight  
Seventeen Day Primary Passage

Tubes used Series 55 of 4/7/54

Transfer made from:	Tube No.	4/4	4/5	4/6	4/7	4/8	4/9	7	8	9	11	12
	70.	1	2	3	4	5	6					
Pool 45-16	53-22			0			0			0	0	0
17 } 0.2 ml.	23			0			0			0	1-3	2-3
18 }	24			0			0			0	0	0
Ind. 45-19	25			0			0			0	1-3	1-2
Pool 20 } 0.2 ml.	26			0			0			0	1-2	3
21 }	27			0			0			0	0-1	2-3
Pool 45-22	28			0			0			0	0	0
23 } 0.2 ml.	29			0			0			0	0-?	0
24 }	30			0			0			0	0	0

APR 13 1954

Ten Day Secondary Passage

Transfer made from:	Tube No.	4/4	4/5	4/6	4/7	4/8	4/9	7	8	9	11	12
		1	2	3	4	5	6					
Pool 50-A	55-31			0			0			0	1-2	1
B } 0.2 ml.	32			0			0			0	1-2	3
C }	33			0			0			0	0	0
Pool D	34			0			0			0	1	1
E } 0.2 ml.	35			0			0			0	1	1
F }	36			0			0			0	1	1
Pool G	37			0			0			0	0-?	0
H } 0.2 ml.	38			0			0			0	0-1	0-?
I }	39			0			0			0	1	0-?
Control Tubes	55A			0			0			0	0	0
in above 2.	13			0			0			0	0-2	0-2
Passage Series	0			0			0			0	0-2	0-2

permitted  
4/29  
found  
8-7-4

permitted  
4/26  
struck 48

4/14/54 0.2 ml rabbit serum added to each tube

# Ground Tissue

Date of Grinding	Cyn No.	Material	Parts Ground	Storage	
<del>APR 8 1954</del>	<del>6238</del>	<del>Mah k.p. 33 10-2 Spinal</del>	<del>Lumbar-Separate Cervical-Separate</del>	<del>A-11-8</del>	<del>A-11-8</del>
APR 9 1954	6181	Mah k.p. 34 - Large bottle	Midlumbar + Cervical	A-4-7	4/17
"	6283	Br. End Human - Spinal	Lumbar - Separate	} A-4-7	4/17
"			Cervical - Separate		4/17
"	6233	Mah k.p. 33 10-3 Spinal	Lumbar - Separate	} A-4-7	4/17
"			Cervical - Separate		4/17
"	6260	Y-SK k.p. 51-10 Spinal	Lumbar - Separate	} A-4-7	4/17
"			Cervical - Separate		4/17
APR 10 1954	6213	Mah k.p. 34 tube	Lumb + Cervical	A-11-7	4/17
APR 11 1954	6139	Montgomery Mahoney	Lumbar + Cervical	A-6-4	4/17
"	6275	Leam k.p. 34 10-2 spinal	Lumb - Separate	} A-8-4	4/12
APR 13 1954			Cervical - Separate		4/12
"	6131	SAC-266	Lumb + Cervical	C-2-1	4/13
"	6172	Br. End. China k.p. 23	Lumb + Cervical	C-2-1	4/13
4/17/54	6191	Trak KP-34	Lumb + Cervical	A-3-4	4/16
4/17/54	6209	Trak KP-33	Lumb + Cervical	A-4-7	4/17
4/22/54	6166	Brown End China KP-23	Lumb + Cerv	C-5-7	4/22
4/22/54	6183	MAN KP-34 Spine	Lumb + Cerv	C-5-7	4/22
MAY 7 1954	6362			C-1-3	} 5-8-54
	6398			C-1-3	
May 18, 54	6435			A-4-8	
	6467			A-4-8	
	6477			A-4-8	

# Storage Miscellaneous Sera

Name

Age Date Storage

Drawn

11 yrs. 5/17/54 A-7-3

16 yrs. 5/17/54 A-7-3

5/18/54 A-4-1

# Autopsies

(Sunday) FEB 7 1954

Dead monkeys - 5<sup>th</sup> floor refrig. - 5954 (Br. KP28)  
- 5887 (Mahoney lot 3)

Dying - 4<sup>th</sup> floor 5872 (Mahoney Lot 2) Hemorrhage in  
subdural space

Prostrate 5885 (Mahoney lot 3)

Paralyzed - - - - - 5868 (Mahoney lot 1)  
5879 (Mahoney lot 2)

Procedure on all: No blood  
Midlumbar + midcervical - sterile  
Remainder in Helly's.

Lumbar + Cervical Sterile on all! CATS in Helly Monday FEB 8 1954

Dead Monkey 5861 (Mahoney<sup>7</sup>icer) - CATS in Helly; only  
hemorrhage - right thalamic area

5829 (Br. KP28 - i. cut.)

5836 (Br. En. Chimp K P26 i. cut.)

\* 5857 (I+II+III i. cut. sep.)

5906 (Ysk, lot 2 - icer) - wk; spastic small

5956 (Br. KP28 i. cer.) (Unable to see hemorrhage but  
blood runs from hole where  
needle went on top of brain)

Feb. 9 1954

Dead Cyn 5749 (Mah, lot 2, i. cut.) - Very much decomposed  
" Cyn 5777 (Ysk, lot 2, i. cut.)  
Cyn 5900 (Ysk lot 2, icer)  
Dead Cyn 5911 (Ysk Lot 3, icer)  
Cyn 5957 (Br. KP28, icer)

Feb. 10, 1954

Dead 5795 (Leoth lot 1, i. cut.)  
\* 5834 (Br. E. Chimp KP26 i. cut.) Observed after paralytics

Dead 5865 (Mahoney Lot 1, icer)  
\* 5893 (Ysk - lot 1 - icer) - tissue cult.  
5921 (Leon lot 1 - icer) - convuls. - call ABS - tissue cult.  
Dead 5939 (Leon lot 2 - icer) drawn.

Note Both 5834 and 5893 were marked  
"5893" by mistake

Feb 11, 1954

5841 Mah lot 3 1 cer. - Dead - Midlumbar nido cervical - sterile

5760, YSK Lot 2, 1 cut - Dead " " "

Feb 12, 54

5855 Mah-Ysk-leon (blood + sterile cas) Dead

5912 (Ysk, lot 3 1 cer) - sterile cord + usual CNS in Kelly

5938 (Leon, lot 2 1 cer) - " " " " (Dead, diarrhea)

5986 (Leon, KP34 1 cer) - " " " " " "

5990 (Mah, KP33 1 cer) - " " " " " "

Feb. 13, 1954

Dead 5774 (Ysk - Lot 2 - 1 cut.) - Blood - sterile cord - CNS in Kelly

Dead 5972 (Glenn virus) - sterile cord - CNS in Kelly

5891 (Ysk - Lot 1 - 1 cer) - " " - " " "

Dying 5907 - Histology only Ysk <sup>lot 2</sup> ~~lot 1~~ ic

" 5936 - " " Leon Lot 2 ic

Dying 5904 - " " YSK Lot 2 - ic

FEB 14 1954

Dead 5730 (Mahon, lot 1, 1 cut.)

" 5779 (Ysk, lot 2, 1 cut.)

" 5841 (Mah + Ysk + Leon, 1 cut.)

} Sterile cord

} Usual CNS in Kelly

<sup>Corner room</sup>  
<sup>at the floor</sup> Paral. 5961 (Br. End. Chimp KP26 - 1 cer)

Observe 5788 - if moribund - autopsy  
had convulsions in AM.

Feb. 15, 1954

Dead Cyn 5820 - Histology only

Cyn 5918 (Ysk, lot 3 1 cer) - sterile cord; CNS in Kelly

Feb. 16, 1954

Par. Cyn. 5731 (Mah - lot 1, 1 cut) - Blood; sterile cord; CNS Kelly

?! Con. " 5788 (Ysk - lot 3; 1 cut) - " ; " " " " - Look at viscera

Dead 5859 (Mah + Ysk + Leon - sep. 1 cut) - " " " " "

Par 5898 (Ysk, lot 1, 1 cer.) - sterile cord; CNS Kelly

Par 5905 (Ysk lot 2, " ) - " " " " "

Par 5909 " " " " " "

" 5933 (Leon, lot 2, 1 cer) " " " " "

Dead 5992 (Mah, KP33, 1 cer) " " " " "

Feb. 18, 54

0.8 Par. Cyn 5928 - Leon KP36, lot 1 - icer - sterile cord; CNS in Helly  
0.6 Dead 5854 - I+II+III icut. sep. - " " ; " " " - Blood

Feb 19, 1954

0.6 Dead 5791 - Leon KP36 (lot 1) icut - sterile cord - CNS Helly  
Dying 5925 - " " " icer. - " " - " "

Feb. 20, 1954

\* Cyn 5977 - Y8k 51 - icer - sterile cord; CNS in Helly  
Highest priority for sections  
& titration 10<sup>-1</sup> to 10<sup>-6</sup>  
Cyn 5924 - Leon, lot 1, icer - sterile cord; CNS in Helly

Feb. 22

Died 2/21 - 5781 - Y8k lot 3, icut - refrigerator - Sterile cord; CNS Helly  
" " 5804 - Leon, lot 2, icut - " - " "

Feb 23

Dead Cyn 5815 (Leon, lot 3, icut) - Blood - no Blood - Sterile cord, CNS in Helly  
Dead Cyn 5822 (Br. KP28 icut) - Blood if possible - CNS in Helly  
Cyn 5895 (Y8k, Lot 1, icer) - CNS only in Helly  
Dead Cyn 5943 (Y8k lot 3 icer) - CNS only in Helly  
Cyn 5996 (Mahoney KP35 icer) - Sterile cord + CNS in Helly

Feb 26, 1954

Cyn 5937 (Leon lot 2 ic) - sterile cord + CNS in Helly

Feb. 27, 1954

Dead 5759 - Mah. KP35, Lot 3 icut - Blood - sterile cord; CNS Helly  
Dead 5819 - Leon, KP36, Lot 3 icut - as above.  
Par. 5916 - Y8k, 53, Lot 3 icer. - Bloody; sterile cord; CNS Helly  
Par 5974 - Y8k, 51 icer - sterile cord + CNS in Helly

March 1, 54

Dead Cyn 5776 (Y8k lot 2 icut) - CNS in Helly

- March 3, 1954
- Cyn 5845 (Mah + Ysk + Leon i. cut) - dead - Blood from heart  
Sterile lumbar + cervical  
CNS in Helly
- Cyn 5935 (Leon, Lot 2-icer) - Sterile lumbar + cervical  
CNS in Helly } specimen to Nakai
- Cyn 6002 (Salv. Army Type II) - Sterile lumbar + cervical - to Ramos  
CNS in Helly

March 12, 1954

- Mahoney Series  
Cyn 6085 (subpass from Cyn 5996) - sterile, lumbar, thoracic + cervical  
(Rem. from middle) (2cm from middle) (2cm from middle)  
Rest of CNS in Helly
- Cyn 6086 (Subpass from Cyn 5996) as above
- Cyn 6095 (Subpass from Cyn 5861) "

March 13, 1954

- Cyn 6082 (Ysk subpass Cyn 5774) - sterile midcervical + midlumbar  
Rem. in Helly

March 15, 1954

- Cyn 6084 (Ysk subpass 5774) - sterile midcervical, midthoracic + midlumbar  
Remainder in Helly

March 16, 1954

- Dead Cyn 6089 (Ysk; subpass Cyn 5977) - sterile lumbar + cervical  
Remainder Helly
- Cyn 6088 (Mahoney; subpass Cyn 5996) - sterile lumbar + cervical

March 17, 1954

- Dead 6069 (Mah, KP 33 icer) - sterile lumbar + cerv.  
Rem. Helly

- Cyn 6083 (Ysk - Subpass from 5774 - KP 33 i. cut) 3/22/54  
sterile lumbar + cervical; rem. in Helly

Autopsies

MAR 23 1954

Cyn 6122 (Leon - pass from 5928) - Sterile lumb. + cervical  
(Remainder in Helly)

MAR 24 1954

Cyn 6123 (Leon - pass from 5928) - Ster. lumb + cervical  
Remainder Helly's

Cyn 6109 (Mahoney - Subpass.) - Sterile lumb + cervical  
Remainder Helly's

March 26, 1954

Cyn 6117 (Y-sk - Subpass Series) - Sterile lumbar + cervical  
Remainder Helly

✓ Cyn 6106 (Br. Enders-Chimp Series ~~subpass~~) March 30, 1954  
Sterile lumb. + cervical  
Remainder in Helly

MAR 31 1954

✓ Cyn 6114 } (Mahoney Subpassage) Sterile lumbar + cervical  
✓ Cyn 6116 } Remainder in Helly's  
✓ Cyn 6118 (Y-sk Subpassage) Sterile lumbar + cervical  
Remainder in Helly's

APR 1 1954

✓ Cyn 6113 - (Mahoney Subpassage) Sterile lumbar + cervical  
✓ " 6192 (Mah k.p. 34) Sterile lumbar + cervical

APR 2 " 1954

✓ Cyn 6210 (38-18) Sterile lumbar + cervical

APR 3 " 1954

Cyn 6165 (Br. End. Chimp k.p. 4) Sterile lumbar + cervical  
" 6157 " " " " " "

Apr. 4

Cyn 6207 (Mahoney - term dil. KP34) - sterile lumbar + cervical

Apr. 5

Dead Cyn 6103 (Br. Enders-Chimp Series) - sterile lumbar + cervical

Apr. 6

Dead Cyn 6151 (Montgomery - Mahoney) - Entire spinal cord in dura  
Usual remainder of CS

Dead 6176 (Mahoney, KP34. large bottle) - sterile lumbar + cervical

Cyn 6205 (Mah. KP34 - term dil.) - sterile " " " "

Cyn 6140 - Montgomery Mahoney - Sterile lumbar + cervical <sup>Apr 6</sup>

Apr 7

Cyn 6119 - YSK 53 sub passage - Sterile lumbar + cervical

Dead Cyn 6232 - Mahoney Intraspinal - Sterile lumbar

Apr 8

Cyn 6189 - Mahon. KP34 - sterile lumbar + cervical

Cyn 6219 - Mahon KP34 (cut back) " " "

Cyn 6238 - Mah. KP 33 (10<sup>-2</sup>-spinal) lumbar separ. sterile cervical " "

Apr. 9.

Dead Cyn 6144 (Montgomery Mahoney spinal) } Entire cord with dura  
Cyn 6181 (Mahoney k.p. 34 Large bottle) } Remainder of cord in belly's  
Sterile lumbar + cervical

Dead Cyn 6234 (Mahoney k.p. 33 spinal) } Entire cord with dura  
" " 6236 } Remainder in belly's  
Cyn 6283 (Pr End Human spinal) } Sterile lumbar - separate  
" " " } cervical - "  
Remainder in belly's

Cyn 6233 (Mahoney k.p. 33) 10<sup>-3</sup> spinal } Sterile lumbar - separately  
Cyn 6260 (Y-SK. k.p. 51 10<sup>-1</sup> spinal) } " cervical "  
Remainder in belly's

Apr. 10

Cyn 6213 (Mahon. KP34 - tube) } - sterile lumbar + cervical  
Remainder belly

Cyn 6239 (Mah k.p. 33 spinal) } Complete cord to dura  
Remainder in belly's

Cyn 6264 Reant. p. 34 spinal } Entire cord to dura  
Remainder belly's

Apr. 11

Dead Cyn 6139 - (Montgomery, Mahoney) - sterile lumbar + cervical  
Remainder belly

Dead 6249 } YSK, KP51 - Spinal.  
" 6251 } Complete spinal cord with dura + usual CNS in belly

Cyn 6275 (Leon KP34, 10<sup>-2</sup> spinal) sterile lumbar - sep.  
" cervical - "  
Rem. in belly

Dead Cyn 6281 (Leon KP34, 10<sup>-1</sup> spinal) - complete spinal cord with dura  
+ usual CNS in belly





MAY 7 1954

(Continued)

Cyn 6398 (Y-Sk. K.p. 51) Sterile lumbar + cervical - Usual belly's

MAY 8 1954

Cyn 6415 (Y-Sk. Large Bottle) Sterile lumbar + cervical - Usual belly's

MAY 9 1954

Dead Cyn 6420 (Special - Gregory, W. Strain - Spinal) - remove @ 1 cm. of midlumbar sterile Remainder of cord + CNS in Helly

Dead Cyn 6470 (Leon, KP 37) - Sterile midcervical + midlumbar Remainder of CNS in Helly

(Blood elev) Cyn 6439 (Mahoney, KP 36) - Sterile midcervical + midlumbar Remainder of CNS in Helly.

May 11, 1954

Cyn 6460 (Leon I.C) Sterile lumbar + cervical

" 6466 " " "

6471 " " "

Cyn 6486 Br. End Chimp " " "

May 12

Cyn 6416 (Y-Sk, Large Bottle) Sterile lumbar + cervical - Usual belly's

Cyn 6430 } (Mahoney K.p. 35) Sterile lumbar + cervical - Usual belly's

" 6432 } (Mah. K.p. 36) " " " " "

" 6441 } (Mahoney Series) " " " " "

6446 " " " " "

6451 (Leon K.p. 37) " " " " "

look out for microwaves Large elev

May 13

Cyn 6460 (Y-SK Series) Sterile lumbar + cervical - Usual belly's

6453 } (Male Series) " " " " "

6454 } " " " " "

6480 (Br. End Chimp) " " " " "

Spinal 6504 (Br. End Chimp) Complete cord + dura in Helly

May 14

Cyn 6461 (Leon Series) Sterile lumbar + cervical - Usual belly's

" 6487 (Br. End Chimp Series - KPs) Sterile lumbar + cervical - Usual belly's

" 6499 (Br. End Chimp - Spinal) Regular spinal autopsy

May 15

Cyn 6457 (Mahoney Series) Sterile lumbar + cervical Usual belly's

Womb 6402 } (Br. End) Complete cord + dura

6403 } " " " " "

Cyn 6515 - Y-Sk, in vivo - Sterile lumbar + cervical

Should have been 6502 6523



# Autopsies

MAY 31 1954

Cyn 6550 (Montgomery Mahony Spinal) - Complete cord & dura + ens in belly  
 " 6602 (Y-SK Spinal) Sterile lumbar + cervical - Usual belly

June 2, 1954

Cyn 6541 (Y-SK Spinal) Complete cord & dura + ens in belly

June 3, 1954

Cyn 6600 (Y-SK Spinal) Sterile lumbar + cervical - Usual belly's

June 4

Cyn 6573 - Leon KP34 (Spinal mouse strain) i.c. - sterile  
 midcervical, midthoracic + midlumbar  
 Usual belly

June 5, 1954

Cyn 6569 (Leon Spinal) Complete cord & dura + ens in belly's

June 6, 1954

Cyn 6586 (Y-SK I.C.) Sterile lumbar + cervical

June 7, 1954

Cyn 6583 (Y-SK I.C.) Sterile lumbar + cervical - Usual belly's

Cyn 6589 (Y-SK Spinal) Midlumbar + midthoracic + midcervical - Usual belly's

June 10, 1954

1222 Cyn 6577 (Y-SK I.C.) Sterile lumbar + cervical - Usual belly's

" 6671 (Mahony I.C.) " " " " " "

1222 Cyn 6619 + 6657 Mahony I.C. Sterile - June 12

JUN 14 1954

Cyn 6616

6617 All Mahony

✓ 6621

✓ 6623 I.C.

✓ 6652

✓ 6653

✓ 6654

✓ 6655

✓ 6656

}

Sterile lumbar + cervical

}

Usual belly's

JUN 15 1954

Cyn ✓ 6618 (Mahony I.C.) Sterile lumbar + cervical - Usual belly's

✓ 6620 " " " " " "

✓ 6622 " " " " " "

✓ 6658 " " " " " "

JUN 16 1954

Cyn ✓ 6588 (Y-SK I.C.) Sterile lumbar + cervical - Usual belly's

✓ 6614 (Mahony I.C.) " " " " " "

JUN 17 1954

Cyn ✓ 6615 } Mahony I.C. } Sterile lumbar + cervical

✓ 6659 } } Usual belly's

✓ 6673 }

Cyn 6672 (Mahony I.C.) Sterile lumbar + cervical - Usual belly's

6629

6646

June 19

STANDARD B & P "NOTEAR"

STANDARD B & P "NOTEAR"

JUN 20 1954

JUN 20 1954

Cyn 6643 - Mahoney Progeny Test - Sterile midcerv + midlumb

Cyn 6624 (Mahoney I.C) Sterile lumbar + cervical - Usual belly  
" 6666 " " " " " " " " " " " "

JUN 28 1954

Cyn 6662 (Mahoney Progeny) Sterile lumbar + cervical - Usual belly  
6683 (Special Spinal) } Complete cord & dura + CNS in belly  
6711 } (Mahoney Spinal) }  
6716 }

JUL 1 1954

Cyn 6677 (Hall Virus Spinal) <sup>sterile</sup> lumbar, thoracic, + cervical - Usual belly  
" " " " " " " " " " " "

JUL 3 1954

Cyn 6721 (Y-SK Spinal) Complete cord & dura + CNS in belly

July 5, 1954

Dead Cyn 6778 (Y-SK Progeny Test) - Usual autopsy - ~~belly~~

July 6, 1954

Cyn 6826 - Leon progeny - Sterile lumb., thoracic + cervical  
Cyn 6828 - " " " " " " " " " " " "

JUL 7 1954

Cyn 6758 - Y-SK Progeny - Sterile lumbar, thoracic + cervical  
" 6817 - Leon " " " " " " " "  
" 6820 - Leon " " " " " " " "  
" 6827 - Leon " " " " " " " "

July 8, 1954

Cyn 6678 - Hall virus - Sterile lumbar, thoracic + cervical  
" 6818 - Leon progeny - " " " " " "  
" 6825 - " " " " " " " "

Cyn 6747 (Y-SK Progeny I.C) Sterile lumbar thoracic + cervical - Usual belly  
" 6782 " " " " " " " "  
" 6819 Leon Progeny " " " " " " " "  
" 6824 " " " " " " " "

July 9<sup>th</sup>  
July 10, 1954

Cyn 6744 (Y-SK Progeny) Sterile lumbar thoracic + cervical  
6792 " " " " " "  
6793 " " " " " "  
6816 Leon Progeny " " " " " "

## Autopsies

JUL 11 1954

Cyn 6746 (Y-SK Progeny IC) Sterile lumbar, thoracic, + cervical - Usual belly's  
 " 6821 }  
 " 6822 } (Leon Progeny IC) " " " " " "  
 " 6823 }

JUL 12 1954

Cyn 6742 (Y-SK Progeny IC) Sterile lumbar, thoracic, + cervical - Usual belly's  
 6769 " " " " " "  
 6794 " " " " " "  
 6797 " " " " " "  
 6802 (Leon Progeny IC) " " " " " "

6857 (Montgomery Mel Spinal) Cord + ens in belly's  
 Dead 6745 (Y-SK, Progeny) - Sterile

Cyn 6754 (Y-SK Progeny) Sterile lumbar thoracic + cervical July 13

Cyn 6756 } (Y-SK Progeny) Sterile lumbar, thoracic + cervical July 14  
 6757 }  
 6829 (M.V. Virus) Entire spinal cord sterile for grinding

July 15, 1954

Cyn 6760 (Y-SK Progeny) Sterile lumbar, thoracic, + cervical  
 6774 " " " " " "  
 6790 " " " " " "

Cyn 6768 (Y-SK Progeny) Sterile lumbar thoracic, + cervical July 16  
 6783 " " " " " "

July 17.

Cyn 6833 (Hall Virus Passage) Sterile lumbar, thoracic, + cervical

JUL 18 1954

Cyn 6750 (Y-SK Progeny) Sterile lumbar, thoracic + cervical  
 Dead 6832 (Hall passage) " " " " "

Cyn 6800 (Leon Progeny) Sterile lumbar, thoracic, + cervical July 19, 1954

Cyn 6775 (Y-SK Progeny) Sterile as above July 20, 1954

Cyn 6799 (Leon Progeny) Sterile lumbar, thoracic, + cervical July 21, 54

July 24, 1954

Cyn 6784 (Y-SK Progeny) Sterile as above  
 6831 (Hall Virus) " " " "

July 26, 1954

Cyn 6830 (Hall Virus) Sterile as above

July 31, 54

Cyn 6835 (Hall Virus IC) Sterile lumbar, thoracic + cervical  
 " 6935 (Chimp 6875 Virus IC) " " "  
 " 6936 (W. Walker) " " "  
 6867 - *specie Ramos & Lent*

Aug 1, 1954

Dead Cyn 6886 Mahony Progeny Sterile lumbar, thoracic, + cervical  
 6895 " " " "  
 6924 " " " "  
 6925 " " " "  
 6938 (W. Walker) " " " "  
 7030 (Leon Progeny) " " " "  
~~7031~~ " " " "  
 7031 " " " "

AUG 2 1954

Cyn 6888 } Mahony Progeny Sterile lumbar, thoracic, + cervical  
 6894 } " " " "  
 6908 } " " " "  
 6909 } " " " "  
 6910 } " " " "  
 6911 } " " " "  
 6933 Chimp 6875 " " " "  
 6937 Walker " " " "  
 6939 Walker " " " "  
 6944 Lotshaw " " " "  
 7053 Y-SK Progeny " " " "  
 6791 " " " "  
 6796 " " " "

AUG 3 1954

Cyn 6890 Mah Progeny Sterile lumbar, thoracic, + cervical  
 6896 " " " "  
 6913 " " " "  
 6922 " " " "  
 6923 " " " "  
 6932 Chimp 6875 " " " "  
 6949 Lotshaw " " " "  
 6966 Timmerding " " " "  
 6969 " " " "  
 7032 Leon Progeny " " " "  
 7033 " " " "  
 7040 " " " "  
 7042 " " " "

AUG 4 1954

Cyn 6897 Mah Progeny Sterile lumbar, thoracic, + cervical  
 7027 Leon Progeny " " " "  
 7028 " " " "  
 7039 " " " "

AUG 5 1954

Cyn 6837	1 Fall Virus	Sterile lumbar, thoracic, & cervical
6967	Timevding	"
7026	Leon Progeny	"
7029	"	"
7038	"	"
7041	"	"

AUG 6 1954

Cyn 6950	Sexton	"
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AUG 7 1954

Cyn 6892	Moh Prog	All sterile lumbar, thoracic, & cervical
6943	Blome	
6945	Kotshaw	
6968	Timevding	
6972	Nadler	
7056	Y-SK Prog	
7072	"	
7079	"	

AUG 8 1954

Cyn 6941	Blome	All sterile as above
7062	Y-SK Prog	
7065	"	
7073	"	
7088	Chimp 6872	
7100	Randoss	
7101	Sabin	

AUG 9 1954

Cyn 7092	Chimp 6881	sterile as above
7075	Y-SK Prog	

Cyn ~~7050~~ - Y-SK Progeny - sterile → AUG 10 1954  
 6970 → AUG 12 1954

Cyn <del>7090</del>	Nadler	All sterile as above
7023	Leon Prog	
7060	Y-SK Prog	
7058	"	
7084	"	
7090	Chimp 6873	

AUG 13 1954

Cyn 7055	Y-SK Prog	All sterile as above
7080	Y-SK Prog	
7103	Sabin	

AUG 14 1954

Cyn 7081	Y-SK Prog	All sterile as above
7091	Chimp 6873	
7125	Leon Prog	

AUG 15 1954

Cyn 7112	Chimp 6877	All sterile as above
7124	Leon Progeny	
7126	Leon Progeny	

AUG 16 1954

Cyn 7113 Chimp 6877 }  
7114 " }  
7119 Chimp 6872 } Sterile Thacic, lumbar, + cervical - Usual belly  
7127 Leon Prog }

AUG 17 1954

Cyn 7139 "M V" Virus - Sterile as above

AUG 18 1954

Cyn 7122 Chimp 6881 Sterile as above

AUG 19 1954

Cyn 7057 Y-SK Prog Sterile as above

Cyn 7132 - Mahoney spinal - regular autopsy

AUG 20 1954

Cyn 7061 Y-SK Prog }  
7085 Y-SK Prog } Sterile as above

AUG 21 1954

Cyn 7120 Chimp 6872 Prog Sterile as above

7136 mostly Mah - Regular autopsy

AUG 23 1954

Cyn 7052 Y-SK Prog

7141 Chimp 6882

7143

all Sterile as above

AUG 28 1954

Cyn 7183 Chimp 6881 Sterile as above

AUG 31 1954

Cyn 7180 Chimp 6877 }  
7138 "M V" Virus } Sterile as above

Cyn 7142 - Chimp 6881 }  
7121 " " } Sterile as above.  
7093 " 6882 }

SEP 1 1954

Chimp 6883 YSK KP51 orally - Regular autopsy

SEP 1 1954

Chimp 6876 Mahoney KP33 orally - regular "

SEPT 2 1954

CYN 7184 - (Chimp 6881 Storage) Sterile as above.

Sept 11 - 54

Monkey Treatment  
 Shipment of 5-7-54

Date	Quantity	Item	Notes
5-10-54	6541	Chloramphenicol	
	6547	"	
	6560	"	
	6571	"	
	6583	"	
	6591	"	
	6628	"	
	6631	"	
5-11-54	6536	Chloramphenicol	
	6540	"	
	6543	"	
	6546	"	
	6547	"	
	6549	"	
	6551	"	
	6571	"	
	6572	"	
	6573	"	
	6588	"	
	6591	"	
	6592	"	
	6595	"	
	6607	"	
	6608	"	
	6612	"	
5-12-54	6547	Chloramphenicol	
	6551	"	
	6570	"	
	6571	"	
	6572	"	
	6578	"	
	6579	"	
	6589	"	
5-13-54	6574	Chloramphenicol	
	6570	"	
	6571	"	
	6558	"	
	6550	"	
	6551	"	
	6542	"	
	6536	"	
	6579	"	
	6616	"	
	6620	"	
5-14-54	6501		
	6555		
	6563		
	3 pack		
5-15-54	6555		
	6559		
	6563		
	6584		
	3 pack		
5-16-54	6539		
	6548		
	6555		
	6568		
	6570		
	6578		
	6579		
	6589		
5-18-54	6608		
	7 pack moved		

6544-250,000 units penicillin

Shipment of 5-20-54 Treatment

5-22-54

6638

6628

6664

6667

6669

6676

6684

6700

5-23-54

6638

6640

6641

6657

6664

6669

6684

6700

5-24-54

6632

6662

6664

6673

6687

5-26-54

6660

6674

6620

6550 - 250  $\bar{u}$  penicillin

5-27-54

6620

6639

6670

6672

6673

6675

5-28-54

6620

6627

6632

6639

6648

6666

6675

6683

6680

Shipment of 6-14-54

6778

6792

6795

6805

} Inoculated monkey's  
Treated 7-3-54

6832

6838

6844

Treated  $\bar{u}$  60 mg chloramycetin  
7-3-54 im

- dead 7/9/54

# Non-Specific Deaths

## Shipment of 4-1-54 - 100 Monkeys

4-12-54 = 19 dead (other slip discarded)

4-13-54 = 1 "

4-14-54 = 1 "

4-16-54 = 1 "

4-19-54 = 1 "

4-21-54 = 3 "

Total - 26

## Shipment of 4-16-54 - 100 Monkeys

4-17-54 = 2 dead

4-18-54 = 1 "

4-19-54 = 3 "

4-23-54 = 1 "

4-25-54 = 1 "

4-26-54 = 1 "

4-27-54 = 3 "

4-28-54 = 2 "

4-29-54 = 1 "

4-30-54 = 1 "

5-2-54 = 2 "

5-3-54 = 2 "

5-5-54 = 1 "

5-7-54 = 1 "

Bloody diarrhea - total 22

## Non-Specific Deaths

Shipment of 4-28-54 - ~~19~~ monkeys

4-29-54 = 1 dead

4-30-54 = 1 "

5-1-54 = 1 "

5-3-54 = 1 "

5-6-54 = 1 "

5-7-54 = 1 "

5-9-54 = 1 "

5-16-54 = 1 "

All but  
 On Remaining monkeys inoculated  
 10 monkeys died of diarrhea etc - next 5 days

8 + 11 = 19 monkeys

Shipment of 5-7-54 - 100 monkeys.

5-9-54 = 4 dead

5-10-54 = 1 "

5-11-54 = 5 "

5-14-54 = 5 "

5-15-54 = 1 "

5-16-54 = 1 "

5-17-54 = 1 "

5-18-54 = 3 "

5-19-54 = 3 "

5-22-54 = 1 "

5-23-54 = 1 "

26 "

Shipment of 5-20-54 - 100 monkey's

5-22-54 = 1 dead

Cyn 7205 - dead 9/4/54/

5-23-54 = 1 "

5-24-54 = 3 "

5-26-54 = 1 "

5-27-54 = 2 "

5-28-54 = 3 "

5-30-54 = 4 "

5-31-54 = 4 "

6-3-54 = 1 "

6-5-54 = 2 "

6-6-54 = ~~1~~ none

6-7-54 = 2 "

24 dead

Shipment of 9/10/54 - 100 monkey's

9-12-54 - 1 dead

9-15-54 - " "

# Projected Tests in Monkeys:

APR 25 1954

Mahoney ~~Do~~ KP35 - large bottle - large inoculum <sup>1 ml</sup> (Deep freeze) 1 ml i.cer. -  $10^8$  TCD<sub>50</sub> <sup>11/19/54</sup> 10 monkeys  
~~10 "~~

Icer. Passages - Cyn 6181 (KP34 - bottle) (A-4-7) - 4 "  
 " 6189 (" " - tube) (A-11-8) - 4 "  
 " 6191 (" " - " ) (A-3-4) - 4 "

22 + 10 = 32  
 for KP36

## Do ~~Do~~ Branckilde - Enders - Chimp Virus

~~Do~~ KP5 - large bottle - large inoculum (Deep freeze) 1 ml i.cer. - 10 monkeys

Icer. Passages - Cyn 6157 (KP4 - Bottle) (C-4-5) - 4 "  
 " 6165 (KP23) (C-4-5) - 4 "  
 " 6172 (KP23) (C-2-1) - 4 "  
 " 6106 (KP26 subpan) (A-4-6) - 4 "

26

Y-SK - KP53 - large bottle - large inoculum (Deep freeze) - 1 ml i.cer. - 10 monkeys

## Do KP54 - ~~Do~~ Intracerebral Homogeneity Test of Y-SK, KP51

~~Do~~ <sup>done</sup>  $10^{-6}$  (B1-133) of 9/25/53 - C-4-7 - 5 "  
 " (53-208) of 4/17/54 - A-7-8 - 5 "  
 " (53-209) " " - A-7-8 - 5 "  
 " (53-210) " " - A-7-8 - 5 "  
 " (53-212) " " - A-7-8 - 5 "

Leon - ~~Do~~ { KP36 - large bottle - large inoculum - 10 monkeys  
 { KP37 (deep freeze) - 1 ml - 10 "

## Intracerebral Homogeneity Test of KP34

$10^{-6}$  (53-223) of 4/20/54 - A-5-7 - 5 monkeys  
 " (53-225) " " - " - 5 "  
 $10^{-7}$  (53-227) " " - " - 5 "

25 + 10 = 35  
 for KP37

32  
 26  
 35  
 93