

Complete autopsies

JUL 27 1954

Intracerebral Virulence for Monkeys of Poliomyelitis
Viruses Isolated in Tissue Culture from Stools
of Cincinnati Patients with Paralytic Poliomyelitis

Purpose: To determine whether intracerebrally
avirulent viruses are associated with
paralytic poliomyelitis?

Viruses Used: Isolated in monkey kidney cultures
from group of paralytic patients
in Cincinnati General Hospital July, 1954
All titrated in tissue culture to day.

Monkeys Used: Cynomolgi 6936-6953 - ship went of 7/2/54
" 6966-6973 - " of 7/16/54

Inoculum - 0.5 ml of undil. culture fluid into right thalamic region

Type	Strain	Kidney Passage	TC ₅₀ Inoculated	Cynomolgi No.
I?	[redacted] 10 ^{6.5} /ml	KP ₂ of 7/24/54 Deep freeze	10 ^{6.2}	✓ 6936 P ₄ -10 ^{5.2}
				✓ 6937 P ₅ ; K ₆ -10 ^{5.7}
				✓ 6938 P ₅ -10 ^{5.7}
				✓ 6939 P ₆ -10 ^{4.7}
	[redacted] 10 ^{6.5} /ml	KP ₂ of 7/24/54 (Deep freeze)	10 ^{6.2}	✓ 6940 P ₁₈ ? K ₉
				✓ 6941 P ₁₁ ; K ₁₂
				✓ 6942 K ₉
				✓ 6943 P ₁₁ ; K ₁₁
	[redacted] 10 ^{7.2} /ml	KP ₂ of 7/24/54 (Deep freeze)	10 ^{6.9}	✓ 6944 P ₄ ; K ₆ -10 ⁴
				✓ 6945 P ₁₁ ; K ₁₁
				✓ 6948 P ₂ ; K ₉
				✓ 6949 P ₇ - 10 ^{5.7}
III	[redacted] 10 ⁶ /ml	KP ₂ of 7/24/54	10 ^{5.7}	✓ 6950 P ₁₀ ; K ₉
				✓ 6951 K ₉
				✓ 6952 K ₉
				✓ 6953 K ₉
	[redacted] 10 ^{6.7} /ml	KP ₂ of 7/24/54	10 ^{5.9}	✓ 6966 P ₇ - Zone D ₁₁ neg.
				✓ 6967 P ₉ ; K ₉
				loose ✓ 6968 - P ₁₁
				✓ 6969 P ₇ - neg. except 1 tube, 10 ⁻²
	[redacted] 10 ^{6.5} /ml	KP ₂ of 7/24/54	10 ^{6.2}	✓ 6970 P ₁₆ ; K ₁₆
				✓ 6971 D ₁₁
				✓ 6972 P ₁₁
				✓ 6973 K ₂₁

6/19-9/19/54

Cyn 6936

DATE	DAY	REMARKS
JUL 27 1954	0	✓
28	1	✓
29	2	✓
30	3	✓
31	4	Extensive paralysis both lowers
8-1-54	5	
2	6	JUL 31 1954 Sterile lumbar, cervical & thoracic ground
3	7	into 10% suspension & stored in C-2-6 by HAN. Weight 1.2g
4	8	
5	9	Remainder of ens in belly's
6	10	
7	11	
8	12	
9	13	
10	14	
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15	19	
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AUG 24 1954	28	
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Cyn 6937

DATE	DAY	REMARKS
JUL 27 1954	0	✓
	1	✓
	2	✓
	3	✓
	4	✓
	5	Does not run well tires easily
Aug - 2	6	Cannot run or climb; marked weakness / not muscles but
	7	no localized paralysis
	8	
	9	AUG 2 1954 Sterile lumbar, thoracic, + cervical fluid
	10	into 20% suspension. Weight 1.1 gm. Placed in #86
	11	
	12	Remainder of ans in belly ✓
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AUG 24 1954	28	
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Cyn 6938

STANDARD B & P "NOTEAR"

STANDARD B & P "NOTEAR"

DATE	DAY	REMARKS
JUL 27 1954	0	✓
	1	✓
	2	✓ Diarrhea - 60 mg chloromycetin i.m.
	3	✓ " " "
	4	✓
AUG 1 1954	5	Extensive paralysis right upper & L.L.; weakness of other extremities
	6	
	7	AUG 1 1954 Sterile lumbar, thoracic, + cervical ground into
	8	10% suspension. Weight 1.2 g. Stored in B-5-9
	9	
	10	Remainder of cus in belly's
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AUG 24 1954	28	
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Cyn 6939

DATE	DAY	REMARKS
JUL 27 1954	0	✓
	1	✓
	2	✓
	3	✓
	4	✓
	5	✓
AUG 2 1954	6	Partial paralysis uppers
	7	
	8	AUG 2 1954 Sterile humbon, phraser, + cervical ground into
	9	20% suspension. Weight 1.1 gr. Stored in A-8-b
	10	
	11	Remainder of ans in belly's
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AUG 24 1954	28	
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Cyn 6940

DATE	DAY	REMARKS
JUL 27 1954	0	✓
	1	✓
	2	✓
	3	✓
	4	✓
	5	✓
	6	✓
	7	✓
	8	✓
	9	✓
	10	✓
	11	✓
	12	✓
	13	✓
	14	✓
	15	✓
	16	✓
	17	✓
	18	Stand + runs but not well; can not localize paralysis
	19	Same
	20	u
	21	u
	22	u
	23	u
	24	u
	25	u
	26	u
	27	u
AUG 24 1954	28	u
	29	u, as in belly
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Cyn 6941

DATE	DAY	REMARKS
JUL 27 1954	0	✓
	1	✓
	2	✓
	3	✓
	4	✓
	5	✓
	6	✓
	7	Tremor
	8	No tumor today
	9	✓
	10	✓
AUG 8 1954	11	Both lowers appear weak
	12	Partial paralysis both lowers, also weak voice
	13	
	14	AUG 8 1954 Sterile lumbar Therasis + cervical
	15	ground into 20% suspension. Weight 1 gm. Stored in B-2-5
	16	
	17	Remainder of sus in belly's
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AUG 24 1954	21	
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Cyn 6942

DATE	DAY	REMARKS
JUL 27 1954	0	✓
	1	✓
	2	✓
	3	✓
	4	✓
	5	✓
	6	✓
	7	✓
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	9	✓
	10	✓
	11	✓
	12	✓
	13	✓
	14	✓
	15	✓
	16	✓
	17	✓
	18	✓
	19	✓
	20	✓
	21	✓
	22	✓
	23	✓
	24	✓
	25	✓
	26	✓
	27	✓
AUG 24 1954	28	✓
	29	✓
	30	✓
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filled, no in belly in

Cym 6943

DATE	DAY	REMARKS
JUL 27 1954	0	✓
	1	✓
	2	✓
	3	✓
	4	✓
	5	✓
	6	✓
	7	✓
	8	✓
	9	✓
AUG 7 1954	10	✓
	11	Partial paralysis both lowers flexion right upper
	12	
	13	AUG 7 1954 Sterile lumbar, thoracic, + cervical ground
	14	into 20% suspension. Weight 1.3 gm. Fixed in B-5-9.
	15	
	16	Remainder of cns in Kelly's
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AUG 24 1954	20	
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Cyn 6944

DATE	DAY	REMARKS
JUL 27 1954	0	✓
	1	✓
	2	✓
	3	✓
	4	only Slight right facial smile mouth-tremor
	5	Same
AUG 2 1954	6	Facial (only mouth - eyelids OK) + paralysis both lowers ^{right} _{upper}
	7	
	8	AUG 2 1954 Sterile lumbar, thoracic, & cervical ground into
	9	20% suspension. Weight 1.2 g. Stored in A-86
	10	
	11	Remainder of ear in belly
	12	
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AUG 24 1954	28	
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Cyr 6945

DATE	DAY	REMARKS
JUL 27 1954	0	✓
	1	✓
	2	✓
	3	✓
	4	✓
	5	✓
	6	✓
	7	✓
	8	✓
	9	✓
AUG 7 1954	10	✓
	11	Partial paralysis left lower left deltoid
	12	
	13	AUG 7 1954 Sterile lumbar, thoracic + cervical ground
	14	into 10% suspension. Weight 1 gm. Stored in B-5-09
	15	
	16	Remainder of cus in belly's
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AUG 24 1954	20	
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Cyn 6948

DATE	DAY	REMARKS
JUL 27 1954	0	✓
	1	✓
	2	✓
	3	✓ loose stools - 60 mg chloromycetin i m
	4	✓
	5	✓
	6	✓
	7	Questionable par. right lower; doesn't climb or run well
	8	No noticeable paralysis
	9	✓
	10	✓
	11	Still doesn't run or climb well; both lowers weak
	12	Same
	13	"
	14	"
	15	"
	16	"
	17	"
	18	"
	19	"
	20	Seems OK
AUG 24 1954	21	✓
	22	✓
	23	✓
	24	✓
	25	✓
	26	✓
	27	✓
	28	✓
	29	✓ Killed, was in belly's
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Cyn 6949

DATE	DAY	REMARKS
JUL 27 1954	0	✓
	1	✓
	2	✓
	3	✓ loose stools - 60 mg chloramphenicol
	4	✓
	5	✓
AUG 3 1954	6	✓
	7	Extensive paralysis left upper; partial of lowers
	8	
	9	AUG 3 1954 Sterile lumbar thoracic & cervical puncture
	10	into 10% suspension. Weight 0.7 gm. Towed in B-12-6
	11	
	12	Remainder of cns in belly is
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AUG 24 1954	27	
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Cyn 6950

DATE	DAY	REMARKS
JUL 27 1954	0	✓
	1	✓
	2	✓
	3	✓
	4	✓
	5	✓
	6	✓
	7	✓
	8	✓
AUG 6 1954	9	✓
	10	Partial paralytic right upper
	11	
	12	AUG 6 1954 Sterile lumbar, thoracic + cervical ground
	13	into 20% suspension. Weight 1.2 gm. Stored in B-2-2
	14	
	15	Remainder of cur in belly's
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AUG 24 1954	18	
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Cyn 6951

DATE	DAY	REMARKS
JUL 27 1954	0	✓
	1	✓
	2	✓
	3	✓
	4	✓
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	7	✓
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	9	✓
	10	✓
	11	✓
	12	✓
	13	✓
	14	✓
	15	✓
	16	✓
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	19	✓
	20	✓
	21	✓
	22	✓
	23	✓
	24	✓
	25	✓
	26	✓
	27	✓
AUG 24 1954	28	✓
	29	✓ Killed, was in belly's
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Cyn 6952

DATE	DAY	REMARKS
JUL 27 1954	0	✓
	1	✓
	2	✓
	3	✓
	4	✓
	5	✓
	6	✓
	7	✓
	8	✓
	9	✓
	10	✓
	11	✓
	12	✓ Hand my
	13	✓ "
	14	✓
	15	✓
	16	✓
	17	✓
	18	✓
	19	✓
	20	✓
	21	✓
	22	✓
	23	✓
	24	✓
	25	✓
	26	✓
	27	✓
AUG 24 1954	28	✓
	29	✓ Feed, us in belly's
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Cyn 6953

DATE	DAY	REMARKS
JUL 27 1954	0	✓
	1	✓
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	6	✓
	7	✓
	8	✓
	9	✓
	10	✓
	11	✓
	12	✓
	13	✓
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	16	✓
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	20	✓
	21	✓
	22	✓
	23	✓
	24	✓
	25	✓
	26	✓
	27	✓
AUG 24 1954	28	✓
	29	✓
	30	✓
	31	✓
	32	✓
	33	✓
	34	✓
	35	✓

Filled, see in belly's

Cyn 6966

DATE	DAY	REMARKS
JUL 27 1954	0	✓
	1	✓
	2	✓
	3	✓
	4	✓
	5	✓
AUG 3 1954	6	✓
	7	Partial paralysis left lower
	8	
	9	AUG 3 1954 Sterile humbar, thoracic, + cervical ground into
	10	20% suspension. Weight 1.3 gm. Tored in B-2-4
	11	
	12	Remainder of use in belly's
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AUG 24 1954	16	
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Cyn 697

DATE	DAY	REMARKS
JUL 27 1954	0	✓
	1	✓
	2	✓
	3	✓
	4	✓
	5	✓
	6	✓
	7	✓
AUG 5 1954	8	✓
	9	Partial Paralysis right lower
	10	
	11	AUG 5 1954 Sterile lumbar, thoracic + cervical puncture
	12	into 10% suspension. Weight 0.9 gm. Stored in B-2-2
	13	
	14	Remainder of cns in belly
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AUG 24 1954	18	
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Cyn 6968

DATE	DAY	REMARKS
JUL 27 1954	0	✓
	1	✓
	2	✓
	3	✓
	4	✓
	5	✓
	6	✓
	7	✓
	8	✓
	9	✓
AUG 7 1954	10	✓
	11	Complete paralysis right upper
	12	
	13	AUG 7 1954 Sterile lumbar, thoracic, + cervical ground into
	14	20% suspension. Weight 1 gm. Stored in B-5-9.
	15	
	16	Remainder of virus in belly's
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AUG 24 1954	20	
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agn 6969

DATE	DAY	REMARKS
JUL 27 1954	0	✓
	1	✓
	2	✓
	3	✓
	4	✓
	5	✓
AUG 3 1954	6	✓
	7	Prostrate: extensive paralysis all extremities & back
	8	
	9	AUG 3 1954 Sterile lumbar thoracic + cervical
	10	ground into 20% suspension. Height 1 gm. Food in B-2-6
	11	
	12	Remainder of ans in belly's
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AUG 24 1954	27	
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Cym 6970

DATE	DAY	REMARKS
JUL 27 1954	0	✓
	1	✓
	2	✓
	3	✓
	4	✓
	5	✓
	6	✓
	7	✓
	8	✓
	9	✓
	10	✓
	11	✓
	12	✓
	13	✓
	14	✓
	15	✓
AUG 12 1954	16	Partial paralysis both lowers
	17	
	18	AUG 12 1954 Sterile lumbar, thoracic, & cervical ground
	19	into 20% suspension. Weight 1.2 gm. Stored in B-6-9
	20	
	21	Remainder of cus in belly's
	22	
AUG 24 1954	23	
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cyn 6971

DATE	DAY	REMARKS
JUL 27 1954	0	
	1	Dead 9 A.M. Frothy fluid from nose - pulmonary edema - Discarded
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AUG 24 1954	28	
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Cyr 6972

DATE	DAY	REMARKS
JUL 27 1954	0	✓
	1	✓
	2	✓
	3	✓
	4	✓
	5	✓
	6	✓
	7	✓
	8	✓
	9	✓
	10	✓
AUG 7 1954	11	Partial paralysis left upper
	12	
	13	AUG 7 1954 Sterile lumbar, thoracic & cervical ground
	14	into 20% suspension. Weight 1.3 gm. Food in B-5-9.
	15	
	16	Remainder of cns in belly's
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AUG 24 1954	28	
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Cyn 6973

DATE	DAY	REMARKS
JUL 27 1954	0	✓
	1	✓
	2	✓
	3	✓
	4	✓
	5	✓
	6	✓
	7	✓
	8	✓
	9	✓
	10	✓
	11	✓
	12	✓
	13	✓
	14	✓
	15	✓
	16	✓
	17	✓
	18	✓
	19	✓
	20	✓
AUG 1 1954	21	✓ Killed, car in belly
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AUG 24 1954	28	
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Killed
by mistake