

APR 21 1954

Intraspinal Passage of Mahoney, Cyn 6233

Lumbar Cord - in Cynomolgus Monkeys

Purpose: To determine if this "spinal variant" multiplies sufficiently in spinal cord of monkeys to permit serial intraspinal passage - and whether the degree of pathogenicity per tissue culture dose is greater or less.

Material Used - 10% susp. of lumbar cord of Cyn 6233 (A-Y-7) which exhibited paralysis of entire left lower - 4 days after inoculation - & was sacrificed same day. Titer of $10^{5.7}$ in tissue culture
0.1 ml into lumbar enlargement
or $10^{3.2}$ TC₅₀ inoculated

Cynomolgus No.	Clinical
✓ 6343	P ₃ K ₂₁
✓ 6344	P ₃ K ₂₁
✓ 6345	P ₅ K ₂₁
✓ 6346	P ₄ K ₂₀

STANDARD B & P "NOTEAR"

RD B & P "NOTEAR"

6343-6346
SP/1/2/1

CYN 6343

APR 21 1954

STANDARD B & P "NOTEAR"

Date	Day	Remarks
APR 22 1954	1	✓
	2	✓
	3	Partial paralysis right lower
	4	Same
	5	Same - diarrhea
	6	"
	7	"
	8	"
	9	Only foot appears to be involved
	10	Same
	11	"
	12	"
	13	"
	14	"
	15	Much improved
	16	Can see nothing
	17	✓
	18	✓
	19	✓
	20	✓
	21	✓ Killed, cur in belly's
	22	
	23	
	24	
	25	
	26	
	27	
MAY 19 1954	28	

STANDARD B & P "NOTEAR"

CYN 6344

APR 21 1954

Date	Day	Remarks
APR 22 1954	1	✓
	2	✓
	3	Partial paralysis right foot - mostly toes
	4	Partial paralysis both lowers
	5	Extensive paralysis RL - partial LL
	6	Same; sits up
	7	"
	8	Extensive paralysis both lowers sits up.
	9	Same
	10	"
	11	"
	12	"
	13	"
	14	"
	15	"
	16	"
	17	"
	18	"
	19	"
	20	"
	21	"
	22	" Killed, cur in belly's
	23	
	24	
	25	
	26	
	27	
	28	
MAY 19 1954	29	

Cyn. 6345

APR 21 1954

Date	Day	Remarks
APR 22 1954	1	✓
	2	✓
	3	Out for run - no paralysis
	4	✓
	5	Partial paralysis right lower - prolegs anti
	6	Same
	7	"
	8	Extensive paralysis right lower
	9	Same
	10	"
	11	"
	12	Same plus weakness of L L
	13	"
	14	"
	15	"
	16	"
	17	"
	18	"
	19	"
	20	"
	21	"
	22	" Killed one in belly's
	23	
	24	
	25	
	26	
	27	
MAY 19 1954	28	

CYN 6346

APR 21 1954

Date	Day	Remarks
APR 22 1954	1	✓
	2	✓
	3	Out for run - no paralysis
	4	Partial paralysis right lower
	5	Same
	6	"
	7	Partial paralysis both lowers
	8	" More extensive on right
	9	Same
	10	"
	11	Same; sits up
	12	"
	13	"
	14	"
	15	"
	16	"
	17	"
	18	"
	19	"
	20	" Killed, ans in belly's
	21	
	22	
	23	
	24	
	25	
	26	
	27	
MAY 19 1954	28	