

III
1164
1166
1167
1168
1169

Group III - Stop drug before end of 7th day if
marked drop in temp. occurs -
to 100° or less

Continue penicillin after
isoplasmoacid is stopped

Note - If any of these monkeys dies without paralysis
5 days after inoculation or later
Autopsy with sterile instruments } Save - 1/2 cm piece from cervical
enlargement and 1/2 cm piece from
lumbar enlargement of spinal
cord - frozen in dry ice
For test for virus

DEC. 8 - 9 AM ^{o.k.} 18th dose given - held down
3 PM - 19th " " " "
9 PM - 20th " " " "

GOOD CONDITION

DEC. 9 - 8³⁰ AM ^{o.k.} 21th " " " "
2³⁰ PM - ^{o.k.} 22th " " " "
8³⁰ PM ^{o.k.} 9/1M. 23th " " " "

GOOD CONDITION

DEC. 10 - 8³⁰ AM - 24th " " " O.K.
3 PM - 25th " " " O.K.
9 PM - 26th " " " O.K.

GOOD CONDITION

DEC. 11 - 9 AM - 27th " " " O.K.
3 PM - 28th " " " O.K.
9 PM - 29th " " " O.K.

DEC. 12 - 9 AM - 30th " " " O.K.
DRUG DISCONTINUED (Panic attack)

DEC. 13 - Same condition: O.K.

DEC. 14 - O.K.

DEC. 15 - Partial paralysis both lowers.

DEC. 16 - Prostration.

DEC. 17 - Not change.

DEC. 18 - " " "

DEC. 19 - " " "

DEC. 20 - " " " Disc. Amp.

DEC. 21 - " " "

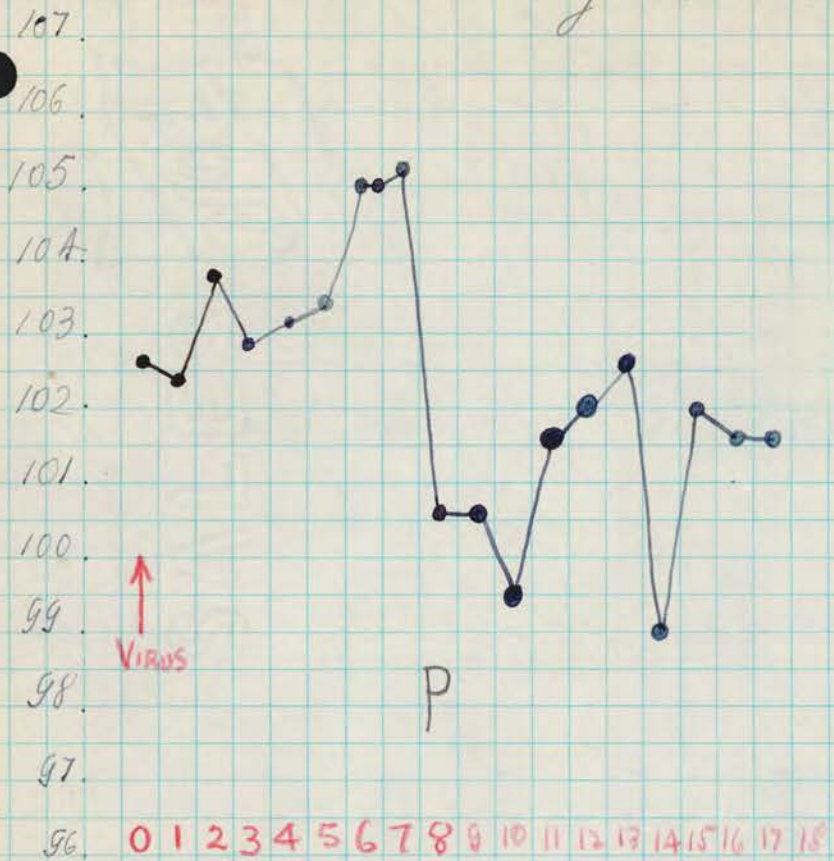
DEC. 22 - " " "

DEC. 23 - " " "

DEC. 24 - DEAD - no autopsy.

Rh 1166 - Virus first followed by ISOPLASMOID by stomach tube. GROUP III

Procain penicillin - 300,000 intramuscularly once a day



DRUG more drug
 DEC. 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 20

DEC. 2 - VIRUS 2-3 PM.
 DRUG - @ 6 PM - vomited; repeated dose held down.

DEC. 3 - 2nd dose of drug @ 12:30 AM - ~~vomited~~ held down / ~~about 1/4~~ not repeated
 3rd " " " @ 9 AM - vomited 1/4 - not repeated
 4th " " " @ 3 PM - held down
 5th " " " @ 9 PM - held down

DEC. 4 - Good CONDITION
 6th " " " @ 9:15 AM - held down
 7th " " " @ 3 PM - held down
 8th " " " @ 9 PM - held down

DEC. 5 - Good CONDITION
 9th " " " @ 9:20 AM - held down
 10th " " " @ 3 PM - held down
 11th " " " @ 9 PM - held down

DEC. 6 - PALE-GOOD CONDITION
 12th " " " @ 9 AM - held down. Pale.
 13th " " " @ 3 PM - " " "
 14th " " " @ 9 PM - " " "

DEC. 7 - Good CONDITION
 15th " " " @ 9 AM - Small vomit about 1/10 - not repeated.
 16th " " " @ 3 PM - vomited - Repeated - held down
 17th " " " @ 9 PM - held down
 Good CONDITION

7 I.C. 8 AM 18th Dose given Small vomit to mouth. Excited
3 PM 19th Dose given held down
9 PM 20th Dose given held down
GOOD CONDITION

DEC. 9 8 AM Excited 21st dose given held down
3.00 Same 22nd dose given held down
9 PM OK 23rd dose given held down
GOOD CONDITION

DEC. 10 9 AM Partial left upper
24th dose given held down
3 PM 25th " " " Same
9 PM 26th " " " Same

DEC. 11 9 AM Partial paralysis all four
extremities
27th dose given held down
3 PM 28th " " " " Same
9 PM 29th " " " " Same

DEC. 12 9 AM Prostrated DRUG DISCONTINUED
PENICILLIN

DEC. 13 Not change.

DEC. 14 Same condition.

DEC. 15 " "

DEC. 16 " "

DEC. 17 " "

DEC. 18 " "

DEC. 19 " "

DEC. 20 " " Disc. Temp.

DEC. 21 " "

DEC. 30 Partial paralysis both lower
limbs out. up.

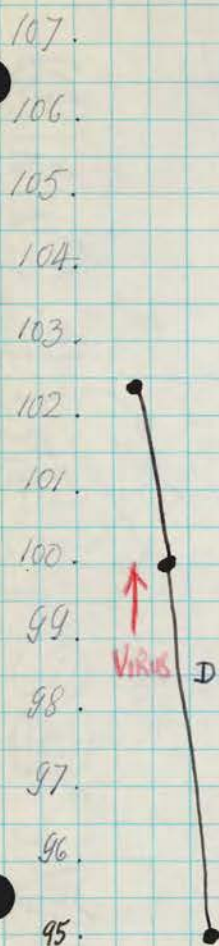
JANUARY 1949

7 Same condition.

PM 7 Passed at 5th Floor.

Rh. 1167 — Virus first followed by ISOPLASMOCID by stomach tube. GROUP III

Procain penicillin — 300,000₅
intramuscularly once a day



0 1 2 3 4 5

DRUG ↑↑↑↑
DEC. 2 3 4 5 6 7 8 9 10

- Dec. 2 — Virus 2-3 PM,
1st dose of drug about 6 PM — vomited; repeated — held down
- Dec. 3 — 2nd dose of drug about 12:30 — 1 A.M. — held down
- Dec. 4 — Appears ill and weak — but no neurological signs evident
9 AM — drug not given
2:30 PM — Prostrate
2:45 PM — DEAD

Perfused but poorly — spinal cord & medulla some fixation
throughout — cervical better ^{than} lumbar. Viscera OK.

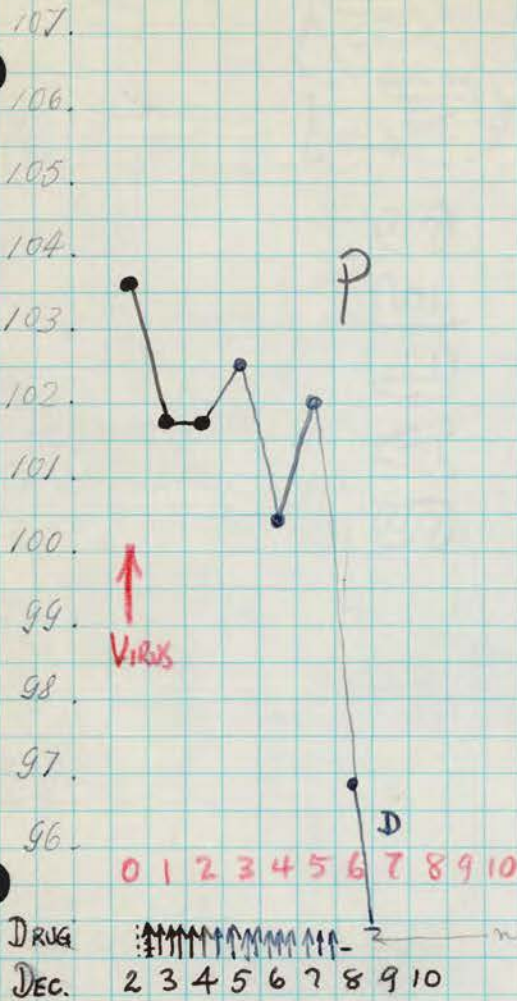
Sections in Z.A.
DEC. 5 — 9⁴⁵ AM — New cuts, in Z.A. just 6 PM washing.

Rh 1168

Virus first, followed by 150 PLASMODIUM
by stomach tube.

GROUP III

Procain penicillin - 300,000
intramuscularly once a day



Dec. 2 - Virus @ 3 P.M.

1st dose of virus @ 6 P.M. - vomited; repeated same dose - but vomited again

Dec 3 - @ 1 A.M. - Drug given held down but vomited ²/₃

9 A.M.	"	"	held down
3 P.M.	"	"	held down
9 P.M.	"	"	held down

GOOD CONDITION

DEC. 4	9 AM	"	"	held down
	3 PM	"	"	held down
	9 PM	"	"	held down

GOOD CONDITION

DEC. 5	9 ³⁰ AM	"	"	held down	PALE
	3 PM	"	"	held down	"
	9 PM	"	"	held down	"

PALE

DEC. 6	9 AM	"	"	held down	"
	3 PM	"	"	"	"
	9 PM	"	"	"	"

DEC. 7 - 9 AM weakness both towers. Voice hoarse
Drug given - held down

3 PM - Drug given head down.
9 PM - Weakness both upper?
Drug given - head down.

DEC. 8 9 AM - Sirophonia partial analysis
all four extremities head drop.
DRUG DISCONTINUED Temperature: 96.8.

3 PM - Prostrate Cold (below 9A.O.) -
No drug -

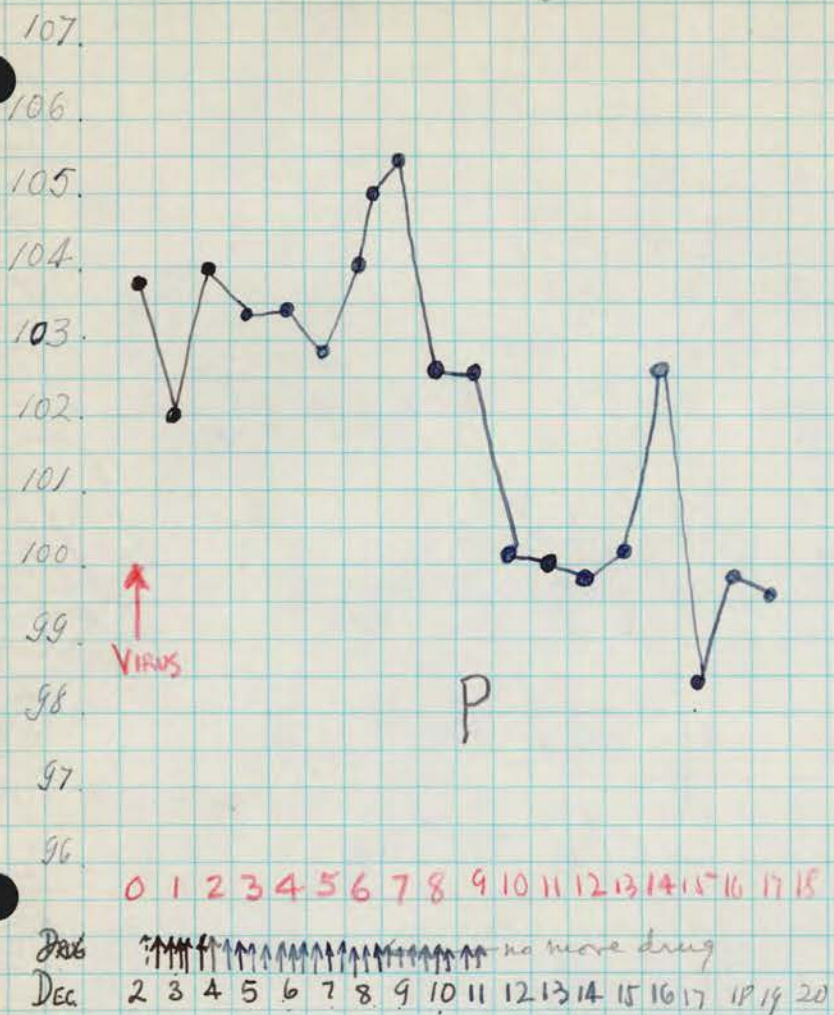
9 PM - Very weak. Move ^(somewhat) lower - Arms?
11 PM - Prostrate Milk 20 cc by stomach tube.

DEC. 9 7:00 AM - Dead - Rigor - Refrigerator.
Autopsy: 9:45 -
Viscera: No gross pathological changes
CNS - slices of spinal cord, medulla,
mid-brain and thalamus in F.A.
- Very soft tissue

Rh 1169 - Virus first followed by ISOPLASMOID by stomach tube.

GROUP III

Protein penicillin - 300,000 \bar{v} intramuscularly once a day



Dec. 2 - Virus given about 3 P.M.
 1st dose of drug - vomited all; repeated - vomited @ 1/2
 repeated 1/2 but vomited again

DEC. 3 - about 1 A.M. - drug given - held down

DEC. 4 -
 9 AM - drug given - held down
 3 PM - drug given - held down
 9 PM - drug given - held down
 GOOD CONDITION

DEC. 5 -
 9 AM - drug given - held down
 3 PM - drug given - held down
 9 PM - " " " "
 GOOD CONDITION

DEC. 6 -
 9 AM - drug given - held down
 3 PM - " " " "
 9 PM - " " " "
 GOOD CONDITION

DEC. 7 -
 9 AM - drug given - held down
 3 PM - " " " "
 9 PM - " " " "
 GOOD CONDITION

- DEC. 8 - 9 AM - O.K.
 Drug given - held down -
 3 PM - O.K.
 Drug given - held down -
 9 PM - O.K.
 Drug given - held down -
 GOOD CONDITION.
- DEC. 9 - 8 AM - O.K.
 9 AM - Drug given - held down - O.K.
 3 PM - " " " " - O.K.
 9 PM - " " " " - O.K.
 GOOD CONDITION
- DEC. 10 - 9 AM - " " " " - O.K.
 Vomited, @ 1/10 - not repeated.
 3 PM - Drug given - held down - O.K.
 9 PM - " " " " - O.K.
 GOOD CONDITION.
- DEC. 11 - 9 AM - Partial paralysis both
 lower and back. Weakness left
 upper.
 3 PM - Same condition.
 9 PM - Same condition.
- DEC. 12 - 9 AM - Not change.
- DEC. 13 - DRUG AND PENICILLIN DISCONTINUED.
 Prostrated. General paralysis
 right side - quadriplegia -
 Edema, white and soft, on his
 face.
- DEC. 14 - Same condition.
- DEC. 15 - " "
- DEC. 16 - " "
- DEC. 17 - " "
- DEC. 18 - " "
- DEC. 19 - " "
- DEC. 20 - " " Disc. temp.
- DEC. 21 - " "
- Dec. 28 - 9 AM - Dead