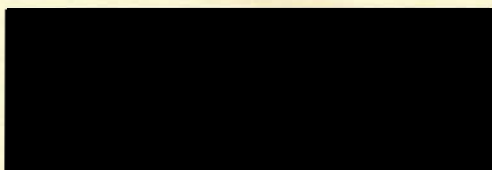


Polio 1947.



Abron.



white; ♂. 5 yrs.

Onset: 8/27/47.

History: c.e. Headache  
 On 8/27/47 - pt. complained of severe headache, and a generalized stomach-ache followed by vomiting several times. - Mother thought he had a high fever. Marked lassitude and malaise ensued. - no other symptoms. -

Admission Exam: T. 100.6  
 Moderate hyper-emia of pharynx + tonsils; small ant. + post. cervical nodes. -  
 Moderate nuchal rigidity, marked back stiffness, and marked hamstring spasm.  
 No muscular weakness.

CSF:	8/28	cells	lymphs	Polys	Globulin
		128	80%	20%	+

Notes: 8/29 - Temp. 99 - Mild nuchal + hamstring stiffness.  
 8/30 Temp. 99° - no signs present.

Stool

Date	Exam	Result
8/28	✓	- clear, normal discarded.
8/29	✓	✓ soft formed.
8/30	✓	- clear, normal discarded.
8/31	✓	✓ effective exam in solids.

JAN-7 1948

# A Stool Material.

Solids Present	25.0 gms.	} 10%
Liquid "	0	
Saline Added	250 cc.	

Blended at low speed for one minute :-

Portion Refrozen ± 90 cc. (Box "B") <sup>12-16-48</sup> Discarded  
Remainder allowed to settle in 100cc centrifuge tubes overnight.

1-8-48 For Intranasal inoculation = 35 c.c.-

Etherization: - 135 cc stool susp. with 27.0 cc ether; shaken for 10 minutes; ice-box overnight. -

1-9-48. Centrifuged for 30', horizontal. -

Final Amount of Supernatant = 120 c.c.-

Culture: ~~x 1 col. (same as from + Agona and rods suggest~~  
x confluent growth covered & spreader

1/10/48 - RE-ETHERIZED — with 24.0 cc. ether. -

1/11/48. Centrifuged 30' - horizontal. -

Culture: ✓ x 1 col. sm + cocci resembling staph. -

JAN 7 1948

B. Pharyngeal Swab Material.

Swabs plus 0.6 c.c. Buffer #1 = 2.8 c.c.  
Buffer #2 0.6 cc.

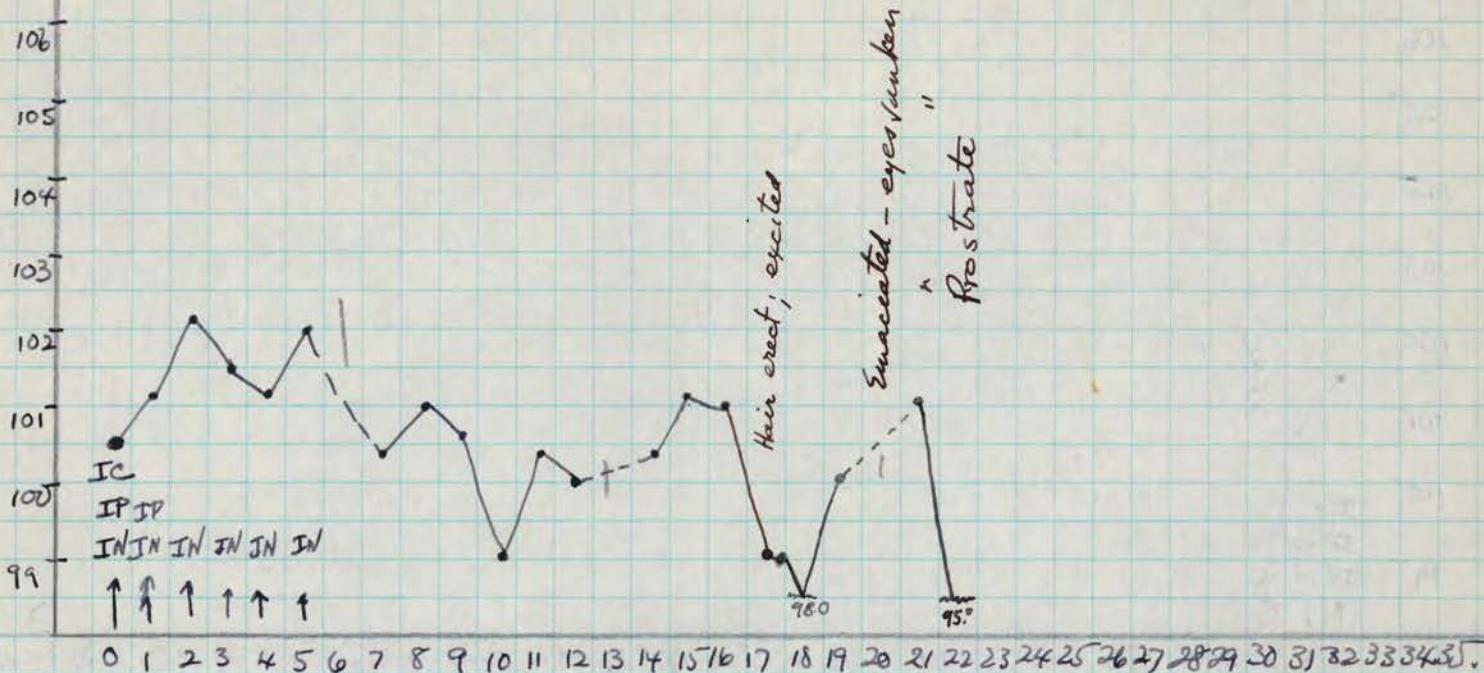
Ether Added = 1.0 cc; shaken 10'; refrigerated. 3.4

1-8-48. Centrifuged 15' on horizontal.  
Culture: ✓✓

JAN 12 1948

Gen 7  
Treated pharyngeal swabs IC ✓  
Treated stools IP ✓  
Untreated stools IN ✓

Rhesus #45



- 1-12-48 - inoculated 1.5 cc I.P., 20 cc I.P. and 1 cc per nostril
- 1-14-48 - seems perfectly O.K. (see CYN. #81 - overleaf)
- 1-16-48. Had severe diarrhea; very thin and weak.
- 1-19-48. " " " " " " " "
- 1-22-48. Still " " " " " " " "

Feb. 3 - Prostrate - in extremis - sacrificed.

No pulmonary or visceral tuberculosis

Omentum adherent to lower sigmoid but no evidence of acute peritonitis.

Cause of death?

Brain + cord - grossly negative

Cord + medulla frozen (2-3)

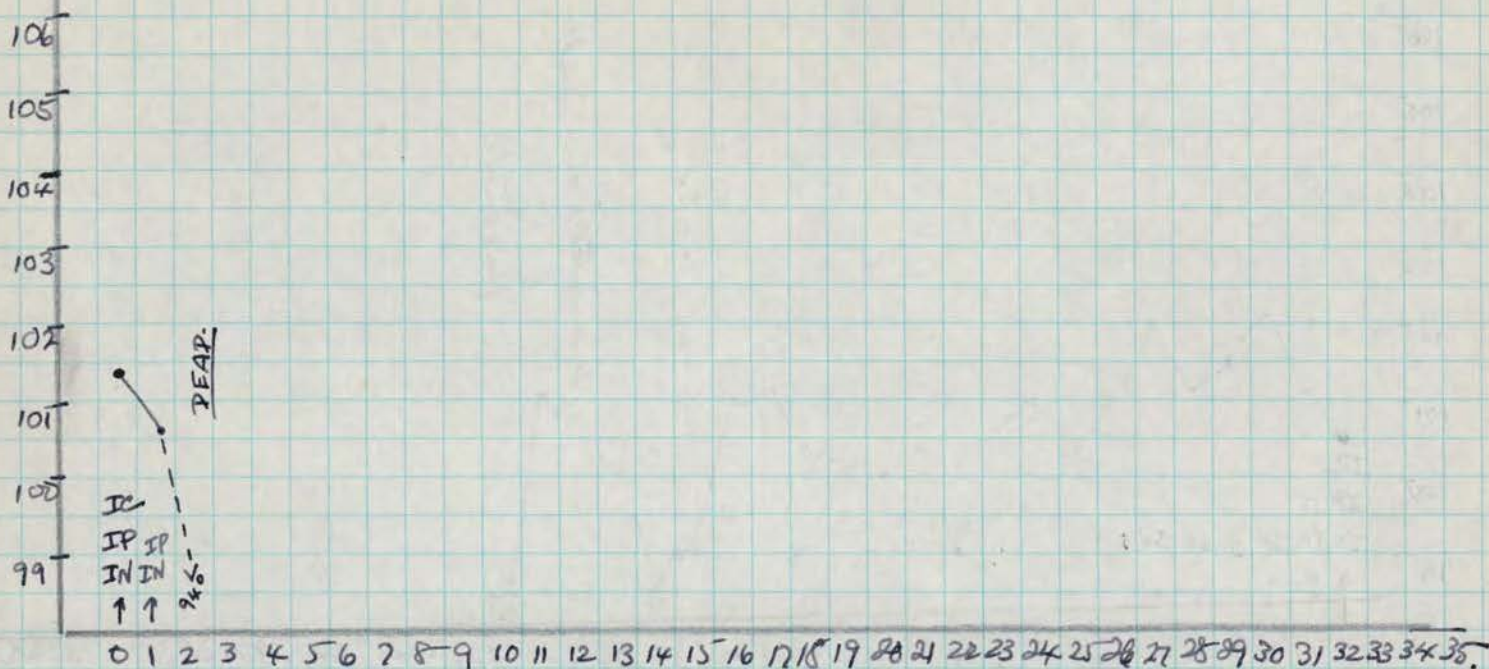
3 levels of cord, medulla, midbrain, thalamus + olfactory bulbs in 2.A.

3-15-48: Cord-medulla thawed and made up into a 20% susp. in sterile saline. Wt. of cord-medulla = 2.1 gms. Saline added = 14 cc. ± 10cc frozen in 2-10 cc amp. (designated as Vials 1, and 2) and stored (B-2-3) Culture: ✓✓

No polio 7-23-48 Vial #1 thawed and 0.4 cc removed for interference experiment with Lansing Polio, remainder refrozen (B-2-3) Histology - No polio 12-17-48. Suspension discarded.

JAN 12 1948

- CYNDOMOLGOUIS # 81 -



1-12-48 - Inoculated 1.5 cc IC; 20 cc IP; and 1 cc per nostril.

1-14-48 <sup>AM</sup> Prostrate; temp < 94°; not breathing rapidly; abdomen is mod. distended but is not tender and there is no edema of ant. abdominal wall. +

10<sup>AM</sup> - Heart Blood Culture (TSB); - (thing identified)

- Thengwin 100,000 μ penicillin and 100 mgms. Streptomycin IP.

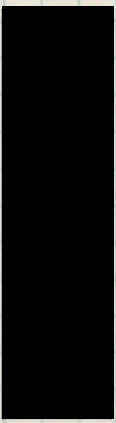
2<sup>PM</sup> - Dead. - Autopsy: Lungs entirely normal; peritoneal surface cavity shows very mild injection; no fibrinous reaction; there is ± 10 cc. of slightly turbid fluid in peritoneal cavity which may represent antibiotic injection given at 10<sup>AM</sup>.

Smear of This Fluid = Many pus cells; very many intra- + extra-cellular 8mm-rods;

Culture of This Fluid (BAP) = x Hemolytic mucoid spreader - ? plate contaminant. -

1-15-48 - Perit. fluid frozen ± aa skinned milk (B-1-1)

12-16-48 Perit. fluid Discarded



FOLIO - 1947. - MONKEY HISTOLOGY.

M.K. #. Lumbar. Thoracic. Cervical. Medulla. Midbrain. Thalamus. Hypothal. Ag. Bulb.

DAG 1052.

Rh. 45.    0    0    0    0    0    0    0    0    0    0    0;0.

No FOLIO