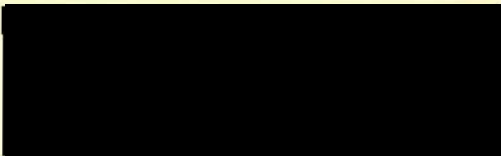


Polio, 1947-



Cincinnati.

- white boy - Age - 3 yrs

ONSET - Aug. 15 - Well until arising in morning when he seemed feverish. About 1 PM had left-sided convulsion (According to Dr. Ryan and parents this boy has had at least 10 convulsive episodes ~~with~~ in the past - each time in relation to some febrile episode. Investigation revealed no organic basis for convulsions)
Admitted to hospital in postconvulsive state.

8-16 - Some stiffness of neck and back noticed
L. P. - clear fluid - 222 WBC
90% Polys.
Pandy 0 → tr.

8-17 - low grade fever - does not appear ill
Unable to kiss knee - some spinal rigidity only sign.
Blood, Swabs, Stool - obtained

8-18 - Temp. 101.2; can stand up - no weakness in arms or legs - and no definite rigidity to-day. Still does not look ill.

Throat Swabs II
Stool II

8-19 - Still febrile - still no localizing signs
Swabs III, Stools III

8-29 - Perfectly well - Blood specimen II

NOV 25 1947

A. Stools -

11/25/47.

Estimated Solids = 65 gms.

Liquid present = 50 cc.

Distilled Water Added = 400 cc.

Blended for one minute at low speed. -

For Centrifugation ± 350 cc.

For Refreezing ± 120 cc. "C"

~~12-16-48~~ Thawed and Discarded

First Supernatant = 300 cc.

ETAN Added = 60 cc.

Untreated Sediment = 33 cc. (For Intranasal Inoculation)

11/26/47. - Final Amount of Treated Stool Suspension = 155 cc.

Cultures: (Before Final Centrifugation) ± ✓✓✓

(After Final Centrifugation): - ✓✓✓

NOV 25 1947

B. Pharyngeal Swab Material -

Fluid Expressed	2.4 cc.
Distilled Water Added	1.6 cc.
	<hr/>
	4.0 cc.
Ether Added	1.5 cc.

11/26/47

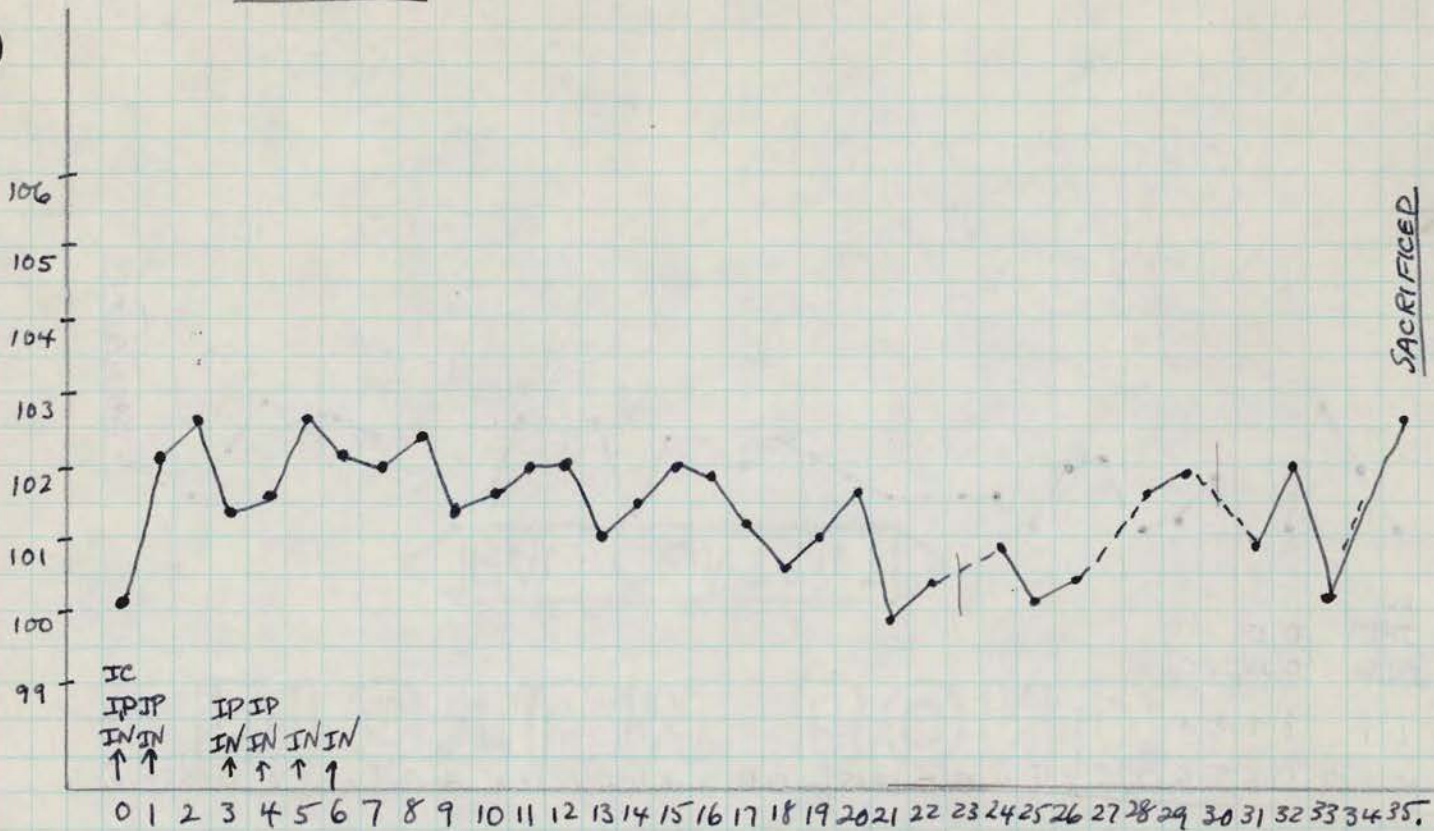
After removal Top layer = 3.8 cc.
After Final Centrifugation = 3.8 cc.

Culture: ✓✓

NOV 28 1947

Treated Pharyngeal Swabs - IC. vvv
Treated Stools ——— IP. vvv
Untreated Stools ——— IN.

Rhesus #5-



11/28/47. Inoculated 1.5 cc. IC; 20 cc IP; and 1 cc IN per nostril.

12/2/47. The IP dose was 15.0 cc

1-2-48 - Sacrificed (chloroform - exsanguination) AUTOPSY: no gross tuberculosis.

FOR HISTOPATHOLOGY: ^{25 levels of} cord; thalamus; hypothalamus; olfactory bulbs; (ZA)
_{2 levels medulla;}

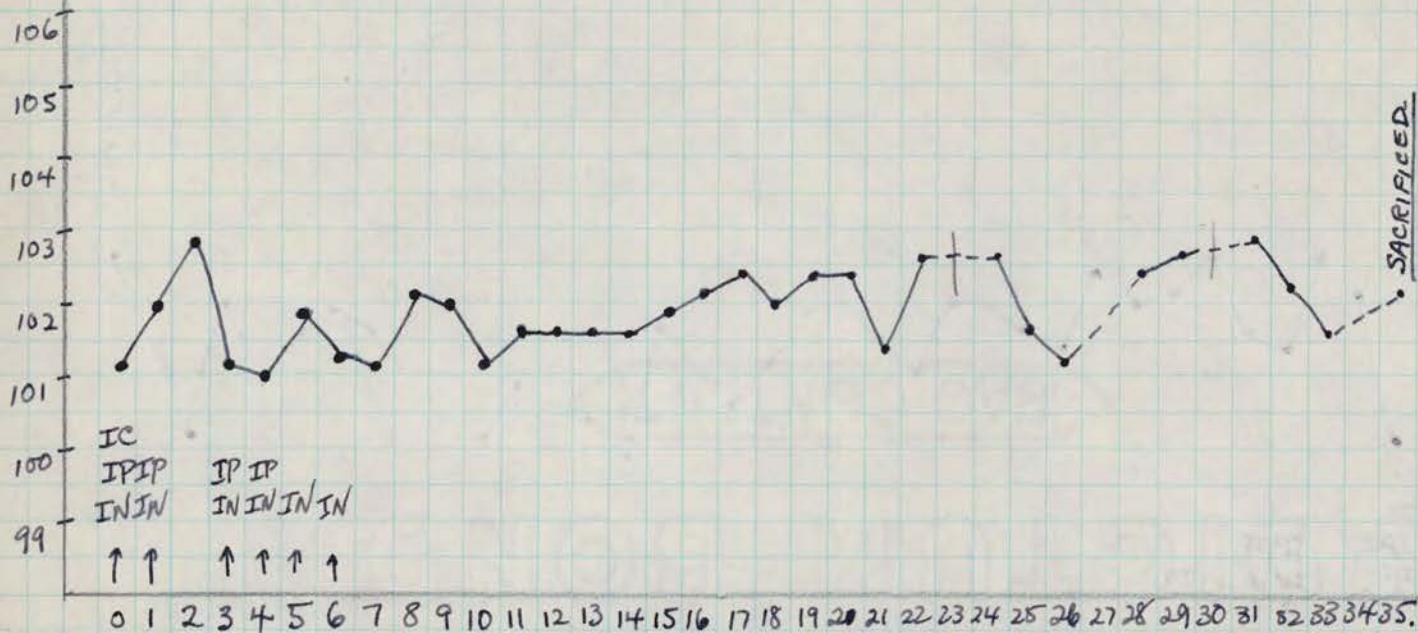
HISTOLOGY: Above levels negative. -

DIAGNOSIS: NO POLIO.

NOV 28 1947

Rhesus # 1109 - splenectomized.

Treated pharyngeal swabs - IC.
Treated stools - IP.
Untreated stools - IN.



11/28/47. Inoculated 1.5 cc IC; 20 cc IP and 1 cc per nostril IN.

12/2/47. IP dose was 15.0 cc.

1-2-48 - Sacrificed (chloroform - exsanguination) - AUTOPSY: ^{no accessory spleens.} no gross TC. TISSUE FOR HISTOPATHOLOGY: ^{29 levels of} Cord, Thalamus, hypothalamus; and olfactory bulbs. (ZA), and 3 levels of medulla.

HISTOLOGY: Above level shows no pathology.

DIAGNOSIS: NO POLIO