

Page 45 Carcinoma Virus from
Philadelphia. Experiment using
dilutions from .01 to .000,000,000,1

Page 44 Inoculation of animals
with Virus No 2 + 3 from Phil.

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Things to do this summer

Recheck on MOK of Strep + Staph
from different sources - Gonococcus.
T.B. Time required to kill -

Filter passing from T.B. + MOK + time.

Gonococcus filter passing from ~~from~~

Experiment Lens testing apparatus — March 25-1936

Today March 25 1936
 Dr Rife and I went
 over to visit Mr
 A. B. Wells at Rancho
 Santa Fe in the course
 of our conversation
 with him in regards
 to lenses he told
 us some very interesting
 things one of which
 interested us both
 It was in regards to
 the testing of the finished
 lenses which is being
 done in a very hap-
 hazard way, depending
 upon the human
 vision which is a
 constantly changing
 factor of error —

March 26th

Today Dr Rife
 and I went over
 the matter of
 lens testing and
 talked with Dr Milbank Johnson

and decided to do
 some experimental
 work on the subject
 started in with
 the petrographic
 microscope
 using the polarizer
 and analyzer on
 different lens
 combination and
 found some very
 interesting results.

March 27th

Worked today
 on an idea
 of using Rizley
 prisms. In the
 test it seems
 that we are getting
 places

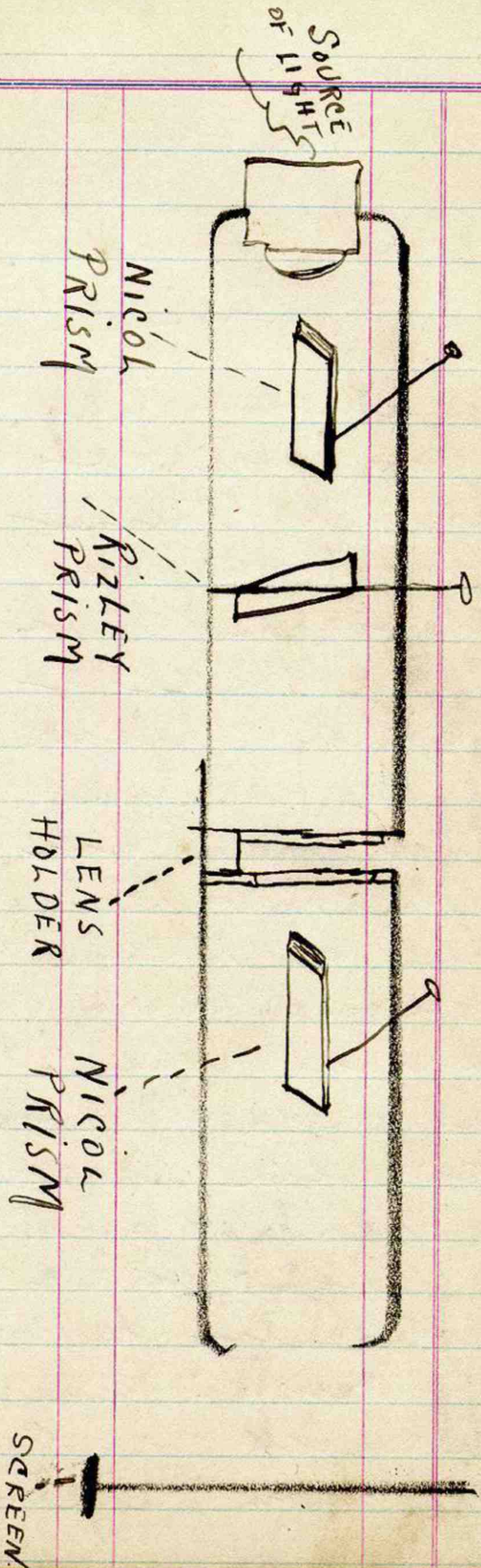
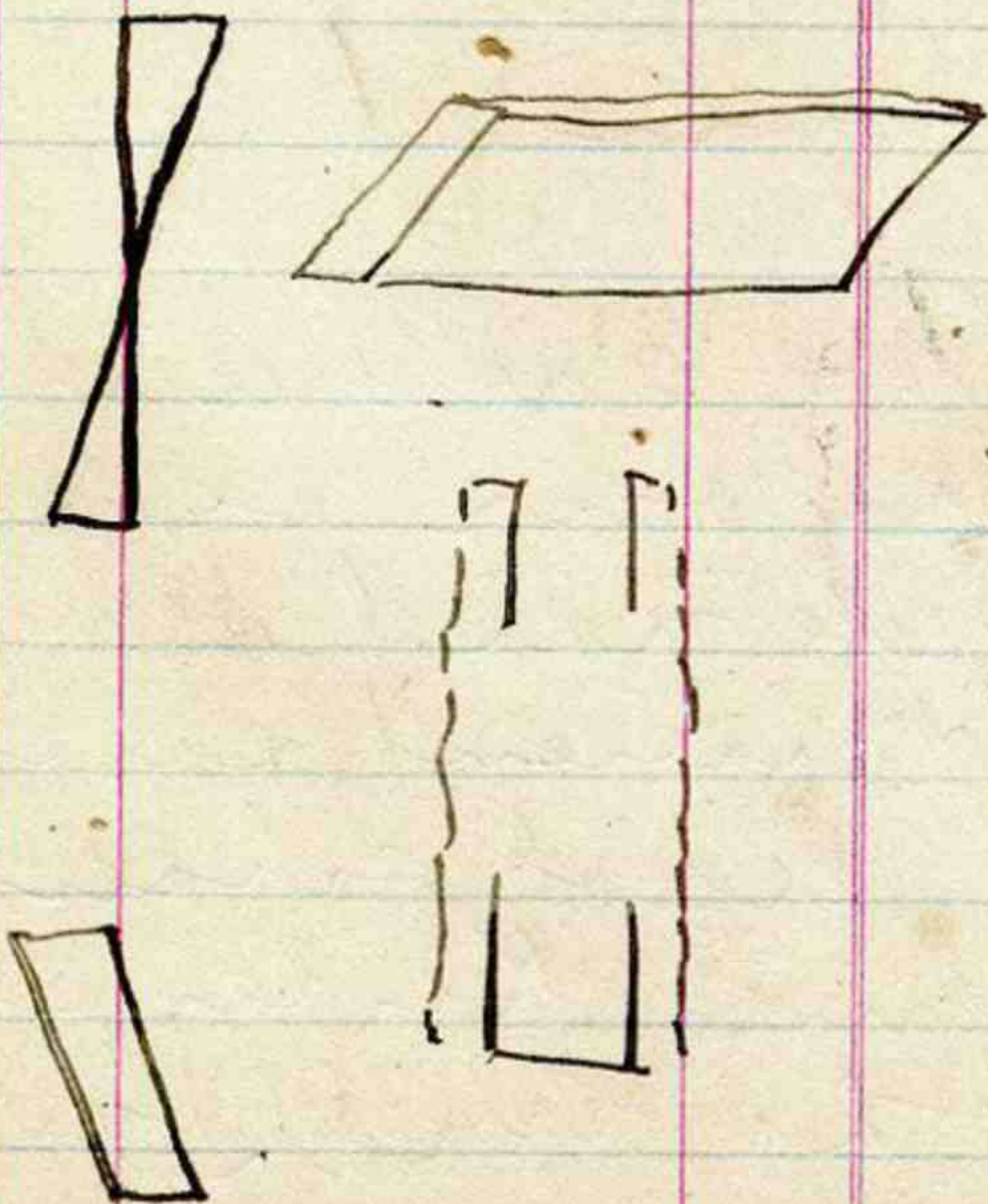
March 28th

Maybe by combining
 the polarizer analyzer
 and Rizley prism

We may have a solution will build up a testing apparatus -

March 29th

Working on different ideas for holding apparatus - and will try the set up as sketched here -



March 30th

Rough apparatus shows that light emanating from source travels thru Nicol prism of Iceland spar then thru a Risley prism of the rotating type then thru lens to be tested and on thru second Nicol prism when it is picked up on screen showing a neutral point of light and a concentric deviation of Newton's Rings to check correction of mean diopeters

and plus and minus: vertical and horizontal correction.

The screen ~~graduated~~^{eqd} is graduated in circles from a mean true center -

March 31

Working out the different angles ect for placement of parts -

April 1

- We are handicapped by our equipment we need several different sizes of Nicol prisms and Risley prisms tho with what we have we get a clear solution

lenses grinding -
Leo McLaughlin
Metropolitan Bld

5th St² from Bank of Am 39
St. Prec

to the problem ^{h.t.}

April 2

Dr Rife suggest
I talk to Mr
Wells will call
him tomorrow.

after ground
polish

?

First to find
out where lens
is perfect surface
in grinding and
? ready for polish.

factory makes some
lenses first on
one side

also lenses first
on both sides.

must be focal lenses
made up in out
side shops.

Inoculation of Animals

with Virus No 2 and 3 from Phil -

June 15 1936

Two white female
rats were selected
and inoculated
with 1 cc of
virus No 2 and
No 3 from Phil
animals isolated
in separate cages -

Experiment on Carcinoma Virus from Phil using No 2 specimen -

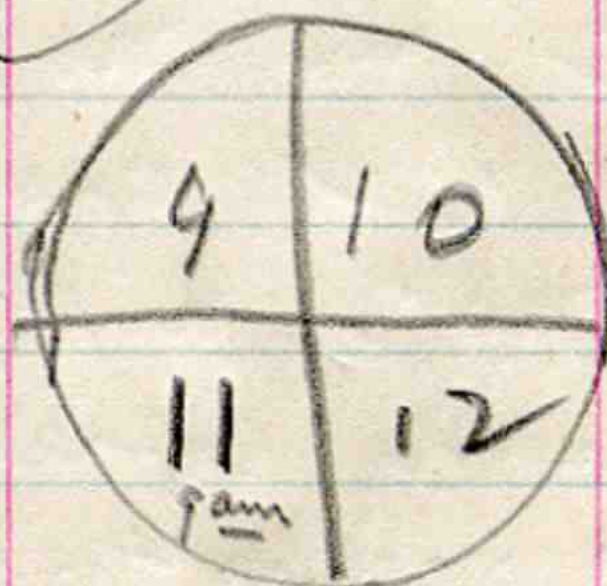
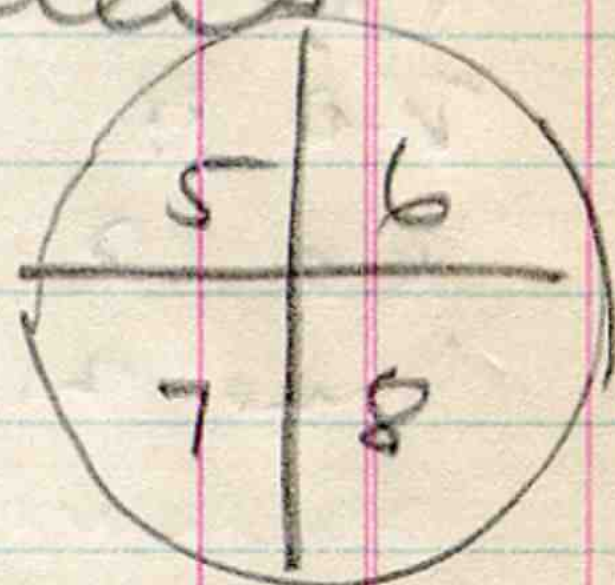
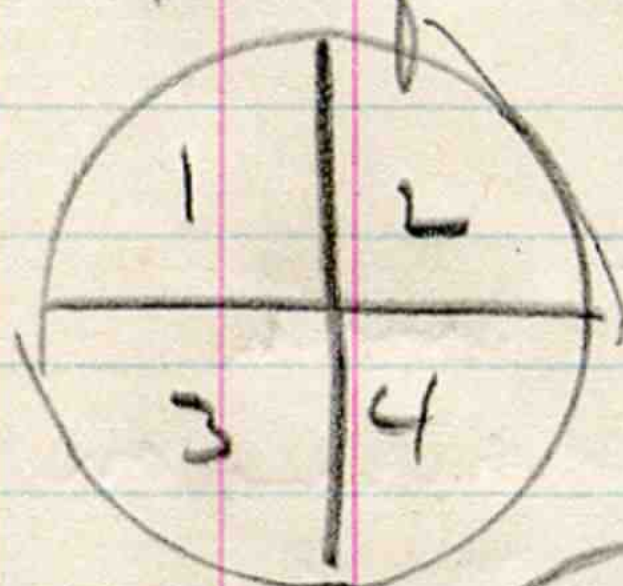
The start of work
June 15, 1936 an
experiment with
the Virus No 2 but
from Philadelphia
10 test tubes with
9 cc of NaCl sol
each were autoclaved
and marked 1 2 3
4 5 6 7 8 9 10 -

To tube no 1 we
added one cc of
Virus No 2 to tube
No 2 we added
1 cc taken from
tube no 1 to tube
No 3 1 cc was
added from tube
no 2 ect. results
of dilution

Tube 1	.1
2	.01
3	.001
4	.0001
5	.00001
6	.000001
7	.0000001

Tube 8	.00000001
9	.000000001
10	.0000000001

Three petri
dishes with Gunc
media were auto-
claved and marked
in quarters



and planted
according to numbers
on tubes - No 11
planted full strength
from tube of virus
No 2 from Phil -
No 12 control -
planted June 15: 10 PM

June 19th growth
observed on media
No 11 - 9 am. being
35 hours after planting.

June 20th growth
observed on media

No 10 - 10 am -

June 20th growth
continues on
No 11

No 10

June 21st growth
observed starting on
No 2 and No 3

June 22 growth
on No 2 and No 3
rapidly spreading
No 11 seems to have
stopped growth

No 10 may be
contaminated

June 23 growth on
No 2 and No 3 spreading
over No 1 and No 4
space -

March 16-1935-

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Experimental Test for Rabies Virus

K media		11 test tubes
no	2:30 PM -	Temp Room 68-
1	9 drops	unplanted media
2	6 drops	of 1+4 shows a decided cloudiness from the other 10 tubes -
3	3 drops	after 30 min after planting
4	1 drop	cloudiness still apparent -
5	6 loops	placed in incubator
6	6 loops	March 17 - out of incubator.
7	4 loops	9:30 AM growth noted in no 7.
8	3 loops	March 18
9	2 loops	10:30 AM
10	1 loops	growth in no 7
X	Control	continues -

Remainder of tubes about the same

Rabies cont -

March 19

Growth continues
in no 7

1 and 4 seem
to have solidified

On examination
under microscope
a filter passing
form is seen
lavooid in shape
coral pink reddish similar
to herpes zoster
maybe some connection
both acting on the
spinal cord and brain
paralysis -

~~March~~ March 20 to
April 3 growth
continues in no
7 -

Dr Kendall suggests
desiccation of rabbit brain
and Tyzode -