

Operation and Investigation of Tumors in White Rats (2/14/4)

The tumor was located beneath the epithelial tissue covering the left side of the chest.

The duration of the operation was 55 minutes, during which time the animal was under ether anesthesia.

The tumor weighed 60g. and was of the *Sarcoma* type. It was removed under sterile conditions and placed in glycerine immediately after the operation.

Three portions of tissue was removed from the center of the tumor. A tube of sterile K¹ media was inoculated with one portion. Another was sent to Dr. Ford for histological examination, and the third was ground in a sterile mortar containing sterile normal saline solution. The contents of the mortar was next passed thru a Berkfeld "W" filter and examined under 11,000X magnification.

The fresh filtrate under the microscope revealed numerous ovoid granules, purplish red in color, and resembling the B.X in morphology. The organisms are non-motile.