

<i>Dr Bowers 105</i>

Office Memorandum • UNITED STATES GOVERNMENT

TO : John Z. Bowers, Ass't to Director
 Division of Biology and Medicine, Washington

FROM : Dr. Paul C. Aebersold, Chief, Isotopes Division, Oak Ridge

SUBJECT: INVESTIGATION OF PATIENTS WHO HAVE RECEIVED RADIOACTIVE ISOTOPES

DATE: March 18, 1948

REFER TO SYMBOL: IT:SAL

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Reference is made to your memorandum, dated March 10, 1948, requesting a list of reliable investigators and clinicians who have used radioisotopes on patients.

Attached is a list of investigators in this category. It is suggested that the Advisory Committee for Biology and Medicine, or other designated agent, select from this list those investigators from whom a report is desired. The names of those investigators who have received large quantities of radioisotopes are indicated by a red mark.

for *Nathan H. Woodruff*
Paul C. Aebersold

Enclosure:
List of Investigators (in trip.)

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Medicinal isotopes

REPOSITORY DoE Rec Hold Cent

COLLECTION RG 326

BOX No. 326 78-3 #1

FOLDER MHS Effects 1945-52
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MEDICINE, HEALTH & SAFETY 3-1

PERSONNEL

ORGANIZATION & MANAGEMENT 8

1948

INVESTIGATORS WHO HAVE USED P 32 IN HUMANS

<u>Investigator and Institution</u>	<u>Use</u>
1. C. P. Rhoads Memorial Hospital New York City	Study of P 32 as therapeutic agent in leukemia and lymphosarcoma.
2. Edward H. Reinhard Washington University St. Louis, Missouri	Treatment of leukemia and allied diseases.
3. John W. Budd Los Angeles Tumor Inst. Los Angeles	Treatment of polycythemia and leukemia.
4. Charles A. Doan Ohio State University Columbus	Treatment of polycythemia and leukemia.
5. B. E. Hall Mayo Foundation Rochester, Minn.	Treatment of diseases of the bone marrow, polycythemia vera, leukemia, multiple myeloma.
6. Hymer L. Friedell Western Reserve Univ. Cleveland	Treatment of leukemia and allied diseases.
7. Shields Warren New England Deaconess Hosp. Boston	Therapeutic study of P 32 in leukemia, plasma cell myeloma and polycythemia vera.
8. Lowell A. Erf Jefferson Hospital Philadelphia	Leukemia and polycythemia therapy.
9. Joseph F. Ross Massachusetts Memorial Hosp. Boston	Study of therapeutic value in leukemia, lymphoma and allied diseases.
10. John H. Lawrence University of California Donner Laboratory Berkeley	(1) Therapy of leukemia and polycythemia. (2) Study of nucleic acid synthesis. (3) Phospholipid metabolism.
11. Eugene P. Pendergrass University of Pennsylvania Philadelphia	Injection into patients suffering from polycythemia and leukemia.
12. I. F. Hummon, Jr. Cook County Hospital Chicago	Therapeutic use in leukemia, polycythemia vera.

<u>Investigator and Institution</u>	<u>Use</u>
13. E. E. Osgood University of Oregon Medical School Portland	Treatment of leukemia. To determine rate of nucleic acid formation and catabolism in bone marrow.
14. G. F. Powers Yale University New Haven, Conn.	To treat subacute myeloblastic leukemia associated with intracranial infiltrations.
15. S. M. Seidlin Montefiore Hospital Bronx, New York	Treatment of polycythemia vera.
16. J. R. Maxfield, Jr. Maxfield X-Ray and Radium Clinic Dallas, Texas	Determination of uptake in various tissues, especially neoplastic tissues. "Skin counts" over various regions in diseases of the lymphoblastoma group and over breasts both with and without tumors. Treatment of polycythemia vera and leukemia.
17. R. L. Brown Emory University Emory University, Ga.	(1) To be used therapeutically in a clinical study of primary polycythemia. (2) A portion to be used in study of measurement techniques.
18. L. R. Wasserman Mount Sinai Hospital New York City	Therapy of chronic leukemia and polycythemia.
19. J. M. Steele New York University College of Medicine New York City	Administration to patients suffering with polycythemia vera.
20. L. O. Jacobson University of Chicago Chicago	Use for polycythemia, leukemia, and allied disorders.
21. H. J. Ullman Santa Barbara Cottage Hosp. Santa Barbara, Calif.	Therapeutic - for polycythemia vera, X-ray fast leukemia.
22. W. E. Chamberlain Temple University Hosp. Philadelphia	Treatment of patients with leukemia and certain carefully selected tumors.
23. W. Serber Philadelphia Gen. Hosp. Philadelphia	Treatment of polycythemia and leukemia. Study of malignant diseases with metastases to bone.
24. E. S. Gordon University of Wisconsin Madison	Treatment of polycythemia vera.

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<u>Investigator and Institution</u>	<u>Use</u>
25. M. E. Hubbard Wadsworth General Hosp. Los Angeles	Treatment of patients with polycythemia and leukemia.
26. W. E. Howes Brooklyn Cancer Institute Brooklyn, New York	Treatment of polycythemia vera.
27. Wesley H. Spink University of Minnesota Minneapolis	Treatment of leukemia.
28. T. Carlyle The Mason Clinic Seattle, Washington	(a) Treatment of leukemia, polycythemia, skin lesions selected lymphosarcomata, showing pick-up of tracer dose. (b) Further investigation of Low-Beer's work on differential diagnosis of superficial benign and malignant tumors.
29. H. B. Hunt University of Nebraska Omaha	Investigation of polycythemia vera and leukemia.

INVESTIGATORS WHO HAVE USED I 131 IN HUMANS

<u>Investigator and Institution</u>	<u>Use</u>
1. C. P. Rhoads Memorial Hospital New York City	Thyroid diagnostic and therapeutic studies.
2. S. M. Seidlin Montefiore Hospital Bronx, New York	Study and treatment of thyroid disorders (adenocarcinoma of thyroid with metastases).
3. Myron Prinzmetal Cedars of Lebanon Hosp. Los Angeles	To study intractable angina pectoris. Treatment of patients with Graves' disease and treatment of thyrocardiacs.
4. F. R. Keating, Jr. Mayo Foundation Rochester, Minn.	Treatment of exophthalmic goiter.
5. Hymar L. Friedell Western Reserve Univ. Cleveland	Study of therapeutic effects of I 131 in thyroid.
6. E. H. Quimby Columbia University College of Physicians and Surgeons New York City	Tracer studies in thyroid. Therapy of hyperthyroid.
7. H. L. Blumgart Beth Israel Hospital Boston	Use of radiiodine to induce a hypothyroid state in patients with congestive heart failure; also in cases of Graves' disease.
8. C. J. Watson University of Minnesota Minneapolis	Treatment of a case of hyperthyroidism.
9. Lowell A. Erf Jefferson Hospital Philadelphia	Thyroid metabolism, treatment of hyperthyroidism.
10. P. F. Hahn Vanderbilt University Nashville, Tennessee (Now at: Meharry Medical College, Nashville)	Therapeutic management of hyperthyroidism and attempted therapy of carcinoma of thyroid.
11. R. H. Williams Harvard Medical School Boston	Treatment of thyrotoxicosis to ascertain optimal dosage and its chief field of usefulness.
12. J. R. Maxfield, Jr. Texas Radiation & Tumor Institute Dallas	Determination of tissue, especially thyroid, uptake in experimental animals. Use in patients with exophthalmic goiter.

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<u>Investigator and Institution</u>	<u>Use</u>
13. W. E. Howes Brooklyn Cancer Institute Brooklyn	Carcinoma of thyroid with widespread bone metastases.
14. K. E. Corrigan Harper Hospital Detroit	Therapeutic studies of I 131 in thyroid.
15. Barbara Parker New York University College of Medicine New York City	Diagnostic and therapeutic application in patients with thyroid carcinoma.
16. L. R. Wasserman Mount Sinai Hospital New York City	Treatment of hyperthyroidism and malignant thyroid disease.
17. Wm. E. Howes Peck Memorial Hospital Brooklyn, N. Y.	Carcinoma of the thyroid, bone metastases.
18. W. G. Scott Mallinckrodt Institute of Radiology St. Louis	To be used in treatment of patients with carcinoma of the thyroid, including those with skeletal metastases, also in treatment of hyperthyroidism.
19. A. Cantarow Jefferson Medical College Philadelphia	(A) Treatment of human thyrotoxicosis and thyroid cancer. (B) Tracer studies in human. (C) Studies of thyroid physiology in rats.
20. B. Parker Bellevue Hospital New York City	To be used in the therapy of metastatic carcinoma of thyroid gland which has been demonstrated to absorb radioiodine.
21. E. R. Miller Univ. of Calif. Hosp. San Francisco	To be administered to patients with cancer and other lesions of thyroid.
22. I. F. Hummon, Jr. Cook County Hosp. Chicago	As a therapeutic agent in certain types of hyperthyroidism.
23. Wm. Serber Philadelphia Gen. Hosp. Philadelphia	To be used in the treatment of patients with hyperthyroidism and certain types of carcinoma of the thyroid.
24. E. S. Gordon University of Wisconsin Madison	To be given to human patients for treatment of thyrotoxicosis (Graves' disease).
25. Howard B. Hunt University of Nebraska Omaha	Treatment of hyperthyroidism and carcinoma of thyroid.

INVESTIGATORS WHO HAVE USED COBALT 60 IN HUMANS

<u>Investigator and Institution</u>	<u>Use</u>
1. C. F. Geschickter Georgetown University Medical Center Washington, D. C.	To be combined in the form of oil-soluble organo-metals for the treatment of cancer and leukemia and for the study of the metallic ions in tissues.
2. W. G. Myers Ohio State University Columbus	To compare the efficacy of Co 60-Ni alloy needles with standard radium needles in the treatment of cancer.

INVESTIGATORS WHO HAVE USED GOLD 198 IN HUMANS

<u>Investigator and Institution</u>	<u>Use</u>
1. P. F. Hahn Vanderbilt University Nashville, Tennessee (Now at: Meharry Medical College, Nashville)	To study the use of Au 198 as a therapeutic agent in the treatment of lymphoid malignancy.

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