FACTSHEET HUMAN EXPERIMENTATION-59 SFS12.001

Project Name: Metabolic Studies in Cancer with Radioactive Isotopes

Date Started: 1961
Date Terminated: 1968

Institution: Sloan-Kettering Institute for Cancer Research
Funding Source(s): AEC

704191

Identification: AT(30-1)910
Project Duration: 7 years
Principal Investigator(s): John S. Laughlin

Responsible Government Official(s): Charles L Dunham, M.D.; John R. Totter, Ph.D.

Objective(s) of Project: To investigate the alteration in metabolic patterns related to cancer.

Short Description: This project involves studies of the metabolism of selected radioactive tracer substances in human subjects--mostly cancer patients.

The tracers of principal interest are calcium-47, strontium-85, strontium-87m, fluorine-18, selenium-75 methionine, technetium-99m and iodine-131. These were used in various compounds for the study of their metabolism in bone, parathyroid tissue, liver, lung, pancreas and brain. Research was directed towards basic metabolic patterns and their alteration by malignant processes and by therapy, and also towards the development of useful diagnostic tests for early malignancy.

Follow-up Data:

References: N.S.A. 01:1606 (1968)
N.S.A. 33232 (1965)
N.S.A. 13416 (1964)
N.S.A. 26736 (1962)

Attachment(s):

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